Sculptura historico-technica: or, The history and art of engraving: containing, I. The rise and progress of engraving. II. Of engraving in general. III. Of engraving, etching, and scraping on copper, as now practised. IV. An idea of a fine collection of prints. V. The repertorium; or, A collection of various marks and cyphers, with additions. To which is now added, A chronological and historical series of the painters from the eleventh century. Extracted from Baldinucci, Florent Le Compte, Fairthorne, the Abecedario pittorico, and other authors. With copper-plates.

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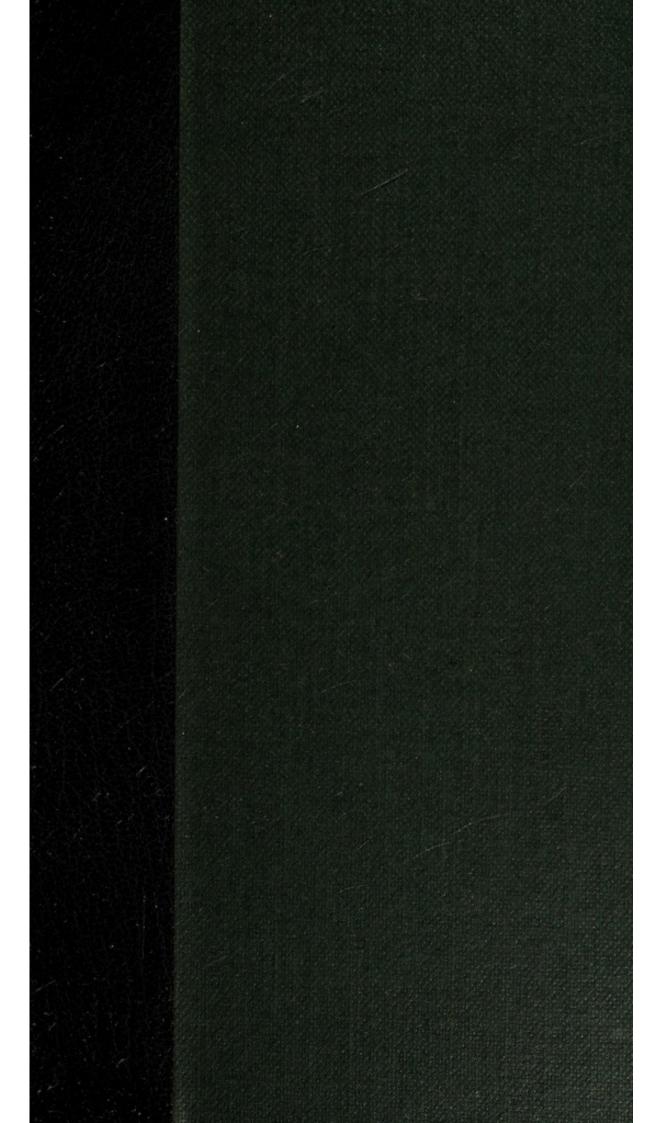
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## Sculptura Historico-Technica:

OR, THE

## HISTORY AND ART

OF

## ENGRAVING.

CONTAINING,

I. The Rise and Progress of ENGRAVING.

II. Of ENGRAVING in general.

III. Of ENGRAVING, ETCHING, and SCRAPING on COPPER, as now practifed.

IV. An Idea of a Fine Collection of PRINTS.

V. The REPERTORIUM; or, A COLLECTION of various MARKS and CYPHERS, with Additions.

To which is now added,

A Chronological and Historical Series of the PAINTERS from the Eleventh Century.

Extracted from

BALDINUCCI, FLORENT LE COMPTE, FAIRTHORNE, the ABECEDARIO PITTORICO, and other Authors.

With COPPER-PLATES.

The FOURTH EDITION.

### LONDON:

Printed for J. MARKS, in St. Martin's Lane.

M DCC LXX.

HISTORICAL MEDICAL MEDICAL



### THE

# PREFACE.

or Science acceptable to every Reader, it should certainly be calculated to instruct as well as entertain; and in order to sulfil this Intention, it is necessary that Ideas should be presented to us in such a Manner, as to make a strong and lasting Impression upon our Minds: I flatter myself that proper Attention has been paid to both these Circumstances in the following Treatise, which has hitherto been received as an useful as well as an agreeable Work.

A 2

Every

Every curious Enquirer must receive infinite Satisfaction, in tracing the various Improvements of any of the Arts from their primary Sources, and observing with Care the Difficulties they encounter in their Progress towards Perfection: But, his Labour will be confiderably diminished, if he should be affisted in the Profecution of his Enquiries by the Industry and Attention of others who have before treated on the Subject; for by this Means much Light will be thrown upon the Point in Question, and he will be prevented from falling into those Errors which he probably would not have escaped, had he been left to his own Conjectures.

The Antients are generally allowed to have excelled in the Art of Painting; though very few of their Works have been handed down to us, as it was impossible

possible to preserve them from the Injuries of Time and other Accidents: Engraving however, stepped in with its Assistance, and established a lasting Memorial of its Usefulness, by the Prefervation of many beautiful Pieces in Painting, as well as in Sculpture, Architecture &c. the Originals of which have been destroyed: Painters and other Artists therefore, are as much obliged to the Invention as the Public; for without it, many of their most capital and valuable Performances would have been lost. It may indeed be objected, that Designing could have answered these Purposes; but let it be considered, that Drawings as well as Paintings are generally confined to a few Possessions; whereas by the Art of Engraving, a Number of Impressions may be taken from one Plate, without the least Deviation of a fingle Line.

A 3

The

The Reader will be led from the Rife of this Art through its various Stages to that Degree of Perfection which it has acquired in the present Age: The Historical Part comes first; Secondly, the Art in general; Thirdly, Etching; Fourthly, Metzotinto; and Fifthly, an Idea of a fine Collection of Prints; which part deserves particular attention, as the Gentleman will here have proper Rules to affift him in the choice and disposition of his Collection, which, when properly arranged, will afford him a Fund of rational Amusement for his leifure Hours. Sixthly, the Characters, or Marks and Cyphers used by Engravers &c. with their explanation; Seventhly, the Initials used by some Artists instead of Marks or Cyphers, or by the same at other Times: Eighthly, will be given a Chronological and Historical Series of Painters from

the eleventh Century to the present Time; Ninthly, the Student will be furnished with an Alphabetical Index of the Christian and Surnames &c. and lastly, with an Alphabetical List of the Surnames before the Christian Names.

This Edition is rendered more complete by the infertion of several Marks omitted in the former, together with the Chronological Series; the whole being disposed in a regular Manner, the several Parts following each other as the Subject leads, which Method I hope will be most agreeable to the Reader.



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THE

# HISTORY

OFTHE

# ART of ENGRAVING.

F all the Arts which are descended from Designing, none, except Architecture, Painting, and Sculpture, has given so much Pleasure, or has been of more Use, to all Lovers and Profestors of the Liberal Sciences, than that of Engraving; whether on Copper, or Wood: for, by this Means, all the celebrated Performances and Inventions of the most eminent Masters, are exceedingly well imitated, and reduced to so small a Size, as to be communicable to the whole World. 'Tis by the Assistance of this Art, those who have never crossed the Seas. are acquainted with the magnificent Structures, beautiful Statues, inimitable Paintings, &c. with which the Cities, Churches and Palaces of other Countries, and particularly Italy, are adorned: Which is a fingular Pleasure to the Lovers of those Arts, and of no less Use to those who profess

profess them; for, as it is an evident Truth, that we have no Ideas but what arise from Sensation, so consequently the readiest Way to form them, is by contemplating the noble Works of others.

This Art, which by the best Authors is placed among the μονοχεώμαλοι, was accidentally discovered in the fourteenth Century, by one Maso Finiguerra, an ingenious Goldsmith and Sculptor of Florence; who was famous not only for defigning and emboffing Figures on Gold and other Metals, but also for engraving, and afterwards inlaying them with Metals of other Colours; which he did in the following Manner. Having designed and engraved his Figures, he used, before he inlayed them, to fill the Engraving with Earth, and cast melted Sulphur on it, which gave it a Sort of an Olive Colour; after which, pressing a Piece of damp Paper on it, with a smooth wooden Roller, the Engraving on the Metal remained imprinted on the Paper, just as if it had been defigned with a Pen. Baccio Baldini, another Gold and Silver-Smith of the same City, began to do the fame; but as he understood very little of Designing himfelf, he employed Sandro Botticelli to affift him in most of his Performances: Some of which being feen by Antonio del Pollaiolo,

taiolo, a celebrated Designer of the same City also, who had studied Anatomy to learn the Situation and Action of the Muscles of the human Body; he engraved some of his own Designs on Copper, and amongst the rest a fine Representation of a Battle.

This new Manner of Defigning began now to be the Subject of Conversation, and Andrew Mantegna, who was then at Rome, having feen some of these Prints, was so exceedingly pleafed with them, that he applied himself with the greatest Diligence to engraving his Triumphs; which being probably the first Prints that appeared in Publick, met with universal Applause, and obtained him great Part of that Glory, which was due to the first Inventors of this Art, because he, by great Study and Application, brought it to a tolerable Degree of Perfection. But if Mantegna, after what he did, had boasted that he had perfected this Art; his Vanity would have deserved as justly to be laughed at, as old Palæmon's Tears, who lamented bitterly, believing the World by his Death would lose the Use of Letters: For whoever rightly confiders, will fee very clearly, that this fine Art of Engraving, first with the Graver, and afterwards with Aqua Fortis, in the Course of about 280 Years, since Mantegna's Death, has made such Progress, B 2 and

and is arrived at fuch Perfection, that it is not only, as I have faid, of great Use to the Professors of Architecture, Painting, Sculpture, &c. by communicating to them the noble Inventions of others; but to all Mankind in general, by acquainting them with whatever is worthy of Observation, even in the most distant Parts of the Globe. However, we must do this Justice to Mantegna's Memory, to acknowledge, that what he did, excited others, after his Example, to apply themselves to this Art; since in 1490, Germany produced Il Tedesco, and Israel Martin, who first shewed an uncommon Diligence in their Works, and gave this Art to the renowned Albert Durer, their Disciple, Lucas of Leyden, Aldegrave, and others, who afterwards became much abler Artists than their Masters. And indeed, to fay the Truth, from this Time, the Graver would have begun to rival the Pencil, had not their Prints, imitating the Dryness of the Paintings of those Countries, which want much of the Mellowness and Delicacy of the Italian, been less beautiful than they would otherwise have been; which was not a little augmented by the Variety of Invention, different Air of the Heads, and particular new Manner of cloathing Figures, introduced into the Art of Painting by the eminent Italian Masters, among which are reckoned Bacchiacca, James of Pantormo, and lastly, Andrew del Sarto, all Florentines, who were continually adding fomething

new and graceful to their Works.

In the fifteenth Century, and Time of Raphael, Italy produced the celebrated Mark Antonio Raimondi, to whom this Art is very much indebted, as he was the first who began to reduce it to fo fine a Manner, that even Raphael himself was so much pleased with it, as to defire him not only toengrave many of his best Paintings, but also a great Number of his Designs and fine Inventions, which 'till then had never been feen in Rome, or elsewhere. His Disciples and Imitators were Augustin of Venice, Sylvester and Mark of Ravenna, who, between the Years 1535 and 1560; engraved almost all Raphael's Paintings, Defigns, and Inventions; as also those of Julio Romano, his favourite Disciple, from his and Raphael's own Deligns. We have of Augustin's Engraving, the fine Print of Anatomy, the Slaughter of the Innocents, and naked Men, who are tormenting the Martyr Saint Laurence with Fire; all done from the beautiful Defigns of Baccio Bandinelli, a famous Sculptor of Florence: The last Piece of which had the Reputation of exceeding the original De-B. 3. fign.

fign. John James Coraglio, of Verona, alfo imitated Raimondi, and engraved most of Rosso's Works, with many Designs of Perin del Vaga, Parmigianino, and Titian. After these, Lamberto Suave applied himfelf diligently to engraving, as may be feen by his thirteen Prints of our bleffed Saviour, and his twelve Apostles; the fine Piece of Saint Paul fitting and writing, and the Story of the Refurrection of Lazarus. John Baptista, of Mantua, a Disciple of Julio Romano, besides many Prints of Portraits, with a Sort of antique Crests, published two fine Pieces of the Burning of Troy. There was also Eneas Vico, of Parma, who engraved the Works and Defigns of Rosso, Bandinelli, and Salviati, with many Books of ancient Medals, representing the Effigies of the Emperors, and their Wives, with their Reverses; and also the Genealogical Tables of the Emperors, and of the Family of Este. Julio Bonasons engraved the Inventions of Raphael, Julio Romano, Parmigianino, and others; and Baptista Franco published many Prints of other Masters; and Girolamo Cock, a Fleming, engraved the fine Works of Martin Hemskirk, his own Inventions, and those of many other Masters, which it would be tedious to mention.

And

And as it is the particular Property of the human Understanding to be always inventing something, and as every Body has an innate Defire to surpass the rest of Mankind by some peculiar Excellency; it was not long before Hugo of Carpi, a Painter of no great Renown in other Respects, began to publish wooden Plates of two different Impressions; the first of which shewed the Shade, just as Copper Plates do; and the second, the Light; for the Wood being cut away very deep, left the White of the Paper, wherever there was Occasion of Light; fo that the Prints appeared as if they had been illuminated with Spanish White. He afterwards invented another Manner of Engraving, by which he made his Prints of three Impressions; that is to fay, of the deepest Shade, the lightest, and of a middling one, making the Lights appear in the White of the Leaf. He engraved many of Raphael's Works after this Manner, and was the Occasion, that Balthazar Peruzzi, Francis Parmigiano, Anthony of Trent, John Nicholas of Vicenza, and Dominico Beccafumi, afterwards engraved many more of them in the same Manner, which succeeded so well, as to please the Lovers of this fine Art very much, and also be of great Use to them; but those B 4 most

most of all, that came from the Hand of

Beccafumi.

Cornelius Cort, a Fleming, succeeded these, and engraved the Landskips, and other fine Works of Girolamo Mutiano, Frederick and Taddeo Zucchero, Frederick Barrocio, Marcellus Venusto of Mantua, Caravaggio, and the inimitable Picture of the Transfiguration, by Raphael. There was also Anthony Tempesta, who etched many Pieces of Battles, Huntings, and all Sorts of Animals, as I shall observe in his Life; Martin Rota, who engraved the celebrated last Judgment of Michael Angelo, in two Plates, one of a greater, and the other of a leffer Size, and several others from the Works of Raphael and Frederico; Cherubino Alberti, who did many of Polidoro's Inventions; and the never enough to be commended Augustin Caracci, whose most beautiful Prints are so well known to the Lovers of this Art, who were all eminent Masters. Villamena of Assis, also a free, eafy Engraver, and good Defigner, published his Labours, amongst which, the fine Print, of the Presentation of our Saviour in the Temple, from the famous Picture of Paul Veronese, is very much esteemed. In the Time of the Emperor Rodolph, John and Raphael Sadalaer, flourished in Germany,

Germany, and gave great Proofs of their Abilities by the many fine Plates which they published of the Works and Inventions of Martin de Vos, Bassan, Titian, Jo-Jeph of Arpino, and other Mafters. Their School produced Egidius Sadalaer, their Nephew, who was univerfally allowed to be the best Engraver of his Age, and led the Way to that fine Manner, which was copied by the best Masters of the succeeding one. There was also Raphael Guidi, a Tuscan, who engraved many fine Plates from the Works of Joseph of Arpino; Harman Muler, a very bold and free Engraver; and the ingenious Henry Goltius, a Hollander, who had the Talent of imitating the Stile of many preceding Masters; Philip. Tomasini, who engraved at Rome the Fall of Lucifer, the last Judgment, the Dispute of our Saviour with the Doctors in the Temple, and the School of Athens, by Raphael, with many Inventions of other Masters ; Matthew Greuter, a Native of Strafburg, who, besides engraving many Plates of hisown Invention, retouched some of Tempesta's Plates of Hunting Pieces, and some of other Engravers; and Theodore Crager, whose fine Plate of the last Supper, from a famous Painting in Fresco, by Andrew del Sarto, is preferved in the Grand Duke of B 5 Tuscany's

Tuscany's Wardrobe. We cannot behold without Astonishment, the beautiful Prints of Saenredam, and of the celebrated Swanburg, who engraved the Designs of Rubens and Bloemaert, with extraordinary Delicacy. The next, who became eminent, were James Callot, who, for small Figures, excelled all his Predecessors in this Art; and the renowned Stephen della Bella, a Florentine. Peter Tempesta, a good Painter, etched about the same Time his fine Inventions; and Salvator Rosa, a Neapolitan, and celebrated Landskip Painter, published many of his comical Conceits; in which the Trees and Herbage are touched with furprizing Freedom; and after him, that excellent Painter, and worthy Priest, Peter Aquila, who etched the admirable antique Statues, and beautiful Paintings of Hannibal Caracci, in the Gallery of the Farnese Palace; and also the fine Works of Lanfranco in the Villa Borghese; those of Peter of Cortona, in the Sachetti Palace; and fome of Ciro Ferri's; with the noble Inventions of Carlo Maratti, and some of his own.

Some time after this, France boasted of her Melan, who invented a Sort of Engraving, by which he gave his Figures both Light and Shade, with fingle Strokes only, without

without ever croffing them: He was also a Painter, and engraved chiefly his own Works. There was also Mr. Lane, who engraved History and Portraits almost after Villamena's Manner; and M. Roussellet, who engraved the Labours of Hercules from Guido Reni for the French King's Cabinet, in a very beautiful and expressive Stile, peculiar to himself; M. Anthony Bos, who both etched and engraved in a Stile of his own, did not fucceed so well; we have of his Engraving the Figures in all the Books of M. Desargue's Works, who was a Mathematician, Geometrician, and Professor of Perspective in the Academy at Paris, and in a printed Volume of his Lectures. In the Time of Bos, the famous Nanteuil began to engrave Portraits in a most beautiful Manner of his own Invention; and Francis Poilly made himself eminent by engraving with great Sweetness an infinite Number of Pieces of Devotion, from the Works of Raphael, Caracci, Guido Reni, and others; whilft Cornelius Bloemaert gained great Reputation at Rome, by engraving many of the Works of Peter of Cortona, and other Masters, in the most soft and delicate Stile, that was, perhaps, ever feen 'till his Time; and excited that celebrated Engraver, Francis Spierre, to apply himself B 6 to

to imitate his fine Manner in the beautiful Prints which he published; the Out-lines of which are exceedingly fine, but the Engraving is not so soft and delicate as Bloemaert's. M. Rulet afterwards engraved at Rome many beautiful Prints, with the Affiftance of Ciro Ferri, from his Defigns, and was followed by M. Bodet, who engraved in the same Stile, at Paris, for the King's Cabinet, the four Pictures of Albano, which are in the Falconieri Palace at Rome. There was also M. Vansculp, who did many History Pieces and Portraits with great Sweetness; and M. Masson, who, with Mignard's Affistance, engraved the Portrait of the Count of Harcourt from one of his Paintings. After this, Madam Claudia Stella etched at Paris many very fine Prints, by which she not only acquired great Renown, but almost put the Male Sex to Shame; and, among others, this ingenious Lady did a beautiful one of Mount Calvary, from a celebrated Painting of the famous Pouffin, which fhe preserved with more Care than her choicest Jewels. Lastly, M. Edelink, a Fleming, with the Affistance of M. Charles le Brun, first Painter of Louis the XIV. engraved his Works in a Stile fomething different from that which M. Rouffellet practised at Rome, but more bold, expressive, and

and harmonious: We have also of his Engraving, the Family of Darius, a Print very much esteemed in the World, and a Madonna, from a Painting of Raphael, which is preserved in the French King's Cabinet of Pictures.

I have here given you an Epitome of the useful Art of Engraving, from its first Difcovery at Florence, 'till through a Series of many Years, it was gradually brought to a State of Perfection by the successive united Labours of the great Masters I have enumerated; as any ingenious Lover of this Art may eafily perceive, by examining and comparing their Works: And therefore, though most Countries in Europe have produced many eminent Men of this Profession, fince the Time of Edelink, shall, to avoid Prolixity, omit them, because few of the Curious can be unacquainted with their Performances, which have introduced into the World a noble Emulation between the Graver and the Pencil, inafmuch as the Excellencies, Requisites and Prerogatives of these fine Arts, are nearly the same, that is to fay, Defign, Relief, Expression of the Passions, Multiplicity of the Objects, near and distant Prospects of the Country and Buildings, Delicacy of the Out-lines, and, I might almost say, Colouring itself. This, I believe.

14 The HISTORY of, &c.

I believe, will evidently appear to all, who attentively examine and reflect on the Works, which these Masters have published, having a due Regard to the Time and Place they lived in, from the Beginning of this Art, to its Persection, by their united Endeavours, to the common Advantage of all Mankind.



# Of Engraving in General.

ble and useful Art, is not so much to instruct the Masters of this Profession, as to inform the Lovers of it, what are the Sentiments of the most eminent Engravers of the Academy at Paris, with regard to it, and endeavour to inspire the Publick with a Love for it, by giving them some short, easy and useful Directions, how to judge with Certainty of Performances in this Art.

The Principles, on which this Art is founded, are the same as those of Painting, viz. Design, which an Engraver ought to be a perfect Master of, because, without it, he will never be able to imitate a Picture, or Design, with any tolerable Degree of Perfection; they may indeed be finely engraved, but will want both the Justness of the Out-lines, and beautiful Expression of the Originals.

I shall pass over in Silence the Manner in which an Engraver ought to design, because it should be the same in which a Painter does, and only observe, that he should diligently apply himself to design Hands and Feet from the antique Statues,

Nature,

Nature, and the Paintings of the best Masters, and that he ought particularly to study the Prints of Augustin Caracci and Villamena, who have designed those Extremities with great Ease and Perfection: This I say, that the Engraver may acquire a Facility of doing them with a good Goût, and be able to correct Errors, when he engraves from the Works of Painters or Designers, who were not perfect in this Branch of their Profession.

But when he is to copy the Paintings of eminent Masters, then he ought entirely to lay aside any particular Manner of Designing he has acquired, and conform himself to that of the Works he would imitate, in order to preserve that Character, which distinguishes the Stile of one Master from another; and to this End, he should design from the Paintings of Raphael, Caracci, Dominichino, Poussin, and others; and if he has only an Opportunity of seeing them, and not Time to copy them, he should remark all their particular Beauties, and their different Manners of forming the Out-lines of their Figures.

It is very necessary also, that an Engraver should understand Perspective and Architecture.

and faint, enables him with Ease to throw backwards

backwards the Figures and other Objects of the Picture, or Design, he would imitate; and Architecture, to preserve the due Proportion of its several Orders, which good Painters very often do not give themselves the Trouble of doing in their Designs, which are only done by the Glance of the Eye, and commonly left to the Discretion of the Engraver.

Of the Quality of COPPER requisite for PLATES.

quently made Use of, because it is the toughest, and adheres most to the Graver; many deceive themselves, when they heat it to soften it; on the contrary, 'tis better it should be a little hard, provided it is not brittle: To prevent which, they need only give Directions to those, who prepare the Plates, to hammer them a little cold, and take Care, that they are made perfectly smooth, without Cavities or Flaws, and of equal Strength throughout.

Before the Engraver begins to trace any Thing on them, although they appear very well polished, it will not be improper to take a Burnisher, and rub them well with it, in order to clear them of what the Stone and Fire may have left, which frequently

renders

renders the Bottom of the Engraving foul and tarnished. As to the Gravers, all Artifts know, that they ought to be made of the best and purest Steel, without any Mixture of Iron, and well tempered; their Form 'tis needless to speak of, because most Engravers chuse them according to their Fancy; however, those are best, that are of a moderate Length, almost fquare, and fmaller at the Point, but Care must be taken that they be not too thin, that they may be able to refift the Work, without bending or breaking: and the Engraver ought to take particular Care, that his Instrument is very sharp, and a little turned up at the Point, that he may the more easily disengage it from the Plate; and never engrave any Thing with a blunt Instrument, if he defires his Work should be neat and fine, for if he does, it will appear as if it was only scratched.

There are some who shew great Facility in their Engraving, others great Labour; and some who affect, in crossing their Strokes, to form acute Angles, others,

perfect Squares.

Those, who have the Facility I speak of, are Goltzius, Muler, Lucas, Kilian, and some others; whose principal View in many of their Performances seems to have been to shew the World, by the winding Cuts

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of their Gravers, that they were Masters of them; without giving themselves any Concern about the Justness of the Out-lines, the Expression, or the Effects of the Light and Shade, that were in the Picture or Defign they would represent.

The Manner of Engraving, which appears to me to be done with great Labour, is that which has an infinite Number of Strokes and Points, confounded together without any Order, which make it look

more like a Defign than Engraving.

An Engraver should never, in crossing the first Strokes with the second, make very acute Angles, particularly in representing Flesh; because it forms a very disagreeable Piece of Taby-like Lattice-Work, which deprives the Eye of that agreeable Repose, with which it desires to view all Sorts of Objects.

The Squares made by croffing the Strokes should never have very acute Angles, except in the Representation of some Clouds, in Tempests, and the Waves of the Sea, as also in representing the Skins of hairy Animals, and the Leaves of Trees.

The Medium, between Square and Acute, seems to me the best and most agreeable to the Eye; as 'tis also the most difficult to do, because the Irregularity of the Strokes is most perceptible: However,

they must not be quite Square, because that resembles Stone too much.

DIRECTIONS for conducting the STROKES or Cuts of the GRAVER.

IRST, the Engraver should observe the Action of the Figures, and of all their Parts, with their Out-lines; remark how they advance towards, or recede from his Sight, and conduct his Graver according to the Risings or Cavities of the Muscles, or Folds, widening the Strokes in the Lights, and contracting them in the Shades, as also at the Extremity of the Out-lines, to which he ought to conduct the Cuts of his Graver, that the Figures or Objects represented may not appear as if they were gnawn; and lightning his Hand, that the Out-lines may be perfectly formed without feeming stiff or cut\*. And although he break off his Strokes at the Place where a Muscle begins, either out of Necessity to form it, or to give it greater Expression; yet they ought always to have a certain Connection with each other, so that the first Stroke should often serve to make the fecond; because this shews a Freedom of the Graver, and all Engraving is more or less beautiful, in Proportion as it seems

<sup>\*</sup> The ingenious Rousellet excelled in this Respect.

free and easy. He ought, however, to take Care, that they always flow freely and naturally, and avoid all odd fantastical Windings, which proceed rather from Caprice than Necessity; and yet not run into the contrary Extreme, and like many young Artists, who, when they have a Mind to engrave finely, make none but strait Strokes, because 'tis easier to do so, than conduct the Graver with Judgment, according to the various Risings and Cavities of the Muscles, which they do not well understand, because they are ignorant of Anatomy and Design.

DIRECTIONS for engraving the HAIR of MEN and BEASTS, and the BEARD.

making the Out-lines of the principal Locks, and afterwards sketch out the principal Shades, omitting the great Lights, because they may be covered at Pleasure, as he finishes them, to the very Extremities. They should be sketched out, as it were, in a careless Manner, that is to say, with a few careless, free, and at the same Time, unequal Strokes, to have Room as he finishes them, to throw into the void Spaces, which proceed from these Inequalities, some siner and thinner Strokes. When

When Hair is engraved in this Manner, it appears much more free and natural, than when done otherwise; and indeed, it should be expressed, as far as possible, particularly when the Figures are not very large, by single Strokes only; for which Reason the Engraver should not attempt to throw in any Strokes, when 'tis well expressed without them; and if he does slip in any on the shady Side, to mix and unite it the better with the Flesh, they must be exceedingly small and sine.

### For SCULPTURE.

he should never make his Work very dark, because, as Statues, &c. are commonly made of white Marble, or Stone; the Colour reflecting on all Sides does not produce such dark Shades as other Matters do. Neither should he make Balls in the Eyes of his Figures, as if he had copied a Painting; or the Hair of the Head and Beard, as it is naturally, which shews us some Hairs detached from the rest, and slying in the Air; for it would be representing Things contrary to Truth, because Sculpture cannot do this.

### For STUFFS.

Innen should be engraved finer and thicker than other Stuffs, it may be with one fingle Stroke, and if they do use two, it must be only in some small Places, and the Shades; to give it a Sameness, and prevent that Harshness it would otherwise have, when opposed to, or layed on Drapery and other darker Bodies, which are croffed with many Strokes. If it is white Cloth, it should be engraved with Strokes, large or small, proportionable to the Fineness or Coarseness of the Stuff represented, but with two Strokes only. It may be objected, there are Instances where 'tis engraved with three; to which I answer, those who have done so, sought to be expeditious, and that if the Diversity of Stuffs can be represented by Engraving, it makes the Piece more agreable, but then the Labour is much greater, and more fatiguing. It ought to be observed, that on all Occafions, when there is a Necessity of croffing the Strokes, the fecond should be finer than the first, and the third than the second; because it makes the Work more soft aud mellow.

Stuffs that have a Lustre ought to be engraved with stronger and straiter Strokes than others; because, as they are commonly of Silk, they produce flat and broken Folds, particularly if it is Sattin, which is stiff on Account of its Gum: These being expressed by one or two Strokes, according to the Lightness or Darkness of their Colours, should have finer ones between them.

Velvet and Plush are expressed in the same Manner, by fine Strokes between others, only with this Difference; the first Strokes ought to be much stronger than for Stuffs, and the finer ones between them, should hold the same Proportion to them, as those in Stuffs have.

Metals, as Vessels of Gold and Copper, or Armour of polish'd Steel, are to be engraved in the same Manner, with fine Strokes between strong ones; it is the Opposition of Light to Shade, that causes the Lustre.

#### For ARCHITECTURE.

Perspective shews us, that the Strokes which form receding Objects, tend to the Point of View; if a Piece to be engraved contain any entire Columns, it will be proper to represent them, as far as can possibly

possibly be done, by perpendicular Lines; because in crossing them according to their Roundness, those Strokes which are near their Capitals, being opposed to those which are near their Basis, produce an Effect very disagreeable to the Sight, unless they are supposed to be at a very great Distance, which renders the Objects almost parallel.

### For LANDSKIPS.

HOSE, who practife Etching, may form the Out-lines by it, particularly of the Leaves of Trees; this is something more expeditious than Engraving, and does as well, provided it be done with Discretion, and not too strong, and that Care be taken in finishing it with the Graver, that the Etching be not perceptible, because it has not the Softness of Engraving. I think an Engraver cannot do better than conform himself to Augustin Caracci's Manner, who etched exceedingly well, but may finish higher, as Occasion requires; Villamena also, and John Sadalaer, etched very well, as likewise Cornelius Cort, who did some Pieces from Mutian, which are very fine, and may serve as Guides to him.

For the STROKES or CUTS of the GRAVER.

In the Representation of Objects that are steep, the first Strokes should be frequently interrupted and broken off; the second strait, cutting the others with acute Angles, and accompanied with some long Points. If Rocks are represented, the second Strokes should not form the Angles so acute, as for other Things; because Flints and Pebbles commonly shine more

than other Matters.

The Objects receding towards the Horizon ought to be touched very lightly, and charged with very little Shade, though the Mass should appear dark, as it may happen from some Shades, supposed to proceed from Clouds intercepting the Rays of the Sun; inasmuch as these Shades, however strong they may appear, are always faint, compared to those which are on the Figures and other Bodies in the Fore-part of the Piece, on Account of the Distance and Air that intervenes between the Objects.

### For WATER.

A LL Waters are either calm, or agitated with Waves like the Sea; or by Cascades and rapid Currents, like Rivers, &c.

As for the calm, they are represented by strait Strokes, running parallel with the Horizon, with finer ones between them, which are to be omitted in some Places, to make that shining Reflection which proceeds from the Water. By the same second Strokes also, made more or less strong, according as the Nature of Things requires; and fometimes by perpendicular ones, the Forms of Objects, either reflected on the Surface of the Water, or advanced at a Distance on its Banks, are represented: obferving that they are to be represented strongly or faintly, in Proportion as they approach to, or recede from the Fore-part of the Piece; and if Trees are to be reprefented, it should be with Out-lines, particularly if they are in the Fore-part of the Piece, and the Water clear, because they are naturally fo represented by the Reflection of the Water.

Those which are agitated, as are the Waves of the Sea, are represented by Strokes, bending according to the Agita-

tion of the Water, with finer ones between them, cutting them with very acute An-

gles.

Lastly, those which fall with Rapidity from Rocks or Precipices, are to be expressed by first Strokes, according to the Nature of the Fall, with finer ones between them, leaving the Lights formed by the Light or Beams of the Sun, falling directly on them, very bright, and the more so, as they approach the Fore-part of the Piece.

### For CLOUDS.

WHEN the Clouds appear thick and agitated, the Graver ought to be turned about, according to their Form and Agitation, and if they produce any dark Shades, which require double Strokes, the fecond should cut the first with more acute Angles than in Figures, because it gives a certain Transparency very proper for those Bodies, which are only Vapours; but then the first Strokes ought to be stronger than the second.

Flat Clouds, losing themselves insensibly with the Sky, must be formed by Strokes parallel with the Horizon, waved a little, according as they appear more or less thick; and if it be necessary to use se-

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cond Strokes, they should cut the first with rather acuter Angles than in the former, and the Extremities of them should be done with so light a Hand, as not to form any Out-line.

The calm, serene Sky should be expressed by parallel Strokes, very strait, without

any Winding.

For preserving an EQUALITY and HARMONY in the WORK.

HE principal Objects of a Piece should be wholly sketched out, before any Parts of them are finished; as for Example, if 'tis an historical Piece, containing Groupes of Figures, two or three of the principal ones should be so perfectly defigned, that their Expression should be as visible as if they were only intended for Sketches: For if the Engraver waits to perfect the Defigning as he finishes them, he will frequently mistake; and sometimes not be able to recover himself, without defacing the whole, and beginning again, which many will not do, for Fear of spoiling the Neatness of their Engraving, in which they have exerted their utmost Abilities, thinking the whole Merit of an Engraver confifts in that; which is the Reason one sees Abundance of Plates finely engraved, but with-

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out Expression. If any one objects to this, that it is then useless to engrave neatly; I answer, an Engraver ought, as far as he can, to join Correctness and Justness of Defign, with Neatness of Engraving; but not neglect the former, and place his whole Merit in the enticing Allurements of the latter, which frequently render his Works infipid and lifeless. On the contrary, I would not have him run into the other Extreme, and make his Works faint, but would have them strong and bold; for the Force of a Print does not confift in its. Darkness, but in the just Degradations of Light and Shade, which ought to be more or less strong, according as they approach. to, or recede from the Sight.

If we examine the Works of eminent Masters, we shall find they are not dark, unless they are become so through Length of Time; they have perfectly imitated Nature, which is not so, particularly in Flesh, except in Night Pieces, where the Objects are represented enlightened by Tor-

ches or Lamps.

Small Works require finer Engraving than large ones, and in croffing, the Strokes should form more acute Angles, that the Engraving may not appear stiff and dry, notwithstanding the Figures are small. If the Work requires to be highly finished,

boured, but engraved so artfully, as to appear done with Ease and Expedition, although it has cost great Labour and Pains.

Large Works, I mean when the Figures and Objects are large and bold, require strong, firm, and bold Strokes, and continued as much as can be; that is to say, never broken off, but when the Muscles or Folds absolutely demand it: and the Engraver, as I have said before, in these, as well as small Works, ought to endeavour to persuade the Spectator, that they were done with Facility and little Labour.

If it is necessary to cross the Strokes (as it often is, particularly in the Shades, to express well the Force and Harmony of a Painting) they should be crossed the contrary Way to that they were sketched, and the Angles formed by the second Strokes should be more acute; this contributes much to the Neatness and Life of a Print.

There should never be too much Engraving on the Lights, but they should be lightly passed over, and with sew Strokes; I mean they should be unconfined, and that the half Shadings, if the Engraver desires to finish to Perfection, should be very bright; because, if they are very dark, they destroy and hinder the Effect intended by them, as it will be difficult to find a

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Darkness in the Shades sufficient to give them Life and Roundness: and if the Engraving is from a Design taken from a Painting, the Lights and Shades ought to be rather larger than in the Original; because, though it be finished ever so highly, it is never so exactly done, as the Painting; which for that Reason requires more Labour and Trouble, on Account of its Colours.

Some may perhaps fay, 'tis impossible to imitate Colours by Engraving, because we have only White and Black; when I speak of imitating them, I do not pretend to make a Distinction between Blue and Green, Red and Yellow, and the same of other Colours; but only to imitate their Masses, as Vostermans, Bolswert, and some others have done in their Engravings from Rubens: and it is certain, that those Works, in which this is done by an ingenious Engraver, will be much more agreeable, and produce a much better Effect. A good Engraver must therefore, as I have said, be a very ingenious Man, because he will fometimes meet with bright Colours, one upon another, which produce no Effect, but by their Difference, and cause what is called a pierced Body; an Accident, which ought to be carefully avoided, because it deftroys the Intelligence of Light and Shade.

Shade. Care must also be taken not to spoil the principal Lights, by affecting to imitate Colours too much, and particularly of the Figures in the Fore-part of the Piece, because this would prevent their advancing, and entirely thwart the Painter's Intention.

But as Etching, or Engraving with Aqua Fortis, is at present so much in Vogue, I find myself obliged to tell you, it was never carried to fuch Perfection, as at this Time. In this, a strong Expression of the Passions, a fine Understanding of Light and Shade, and beautiful Manner of Engraving, are equally conjoyned, when it comes from the Hand of an ingenious Artist, who is able to express himself with equal Force and Judgment in all the different Parts of his Profession. I mean that Etching which cannot be fine without the Aid of the Graver, which gives it all the Perfection that can be defired; and which the Ancients have not shewn in their Performances. of this Kind, because they did not so well understand the various Graces proper for Painting and Engraving, as the Moderns. However, it will be necessary to specify the Properties peculiar to this Art, to enable the Reader to judge of its Merit. By the Means of Aqua Fortis, all Subjects are carried even beyond Nature, it acts with fuch

fuch Quickness, that it equals the Expedition of the Pencil, and enables an Artist, almost instantly, to express the Productions of his Genius with all its Vivacity and Force; for which Reason, as 'tis much more expeditious than the Graver, and its Manner easily known, we see many applythemselves to Engraving with it, because they can express the Sprightliness of their Fancy, with more Freedom and Expedition than with the Graver.

Having treated of the Art of Engraving in general, I think it will not be improper in this Place to endeavour to obviate some Prejudices, which certain Criticks entertain with regard to it.

The First is, That 'tis easy to distinguish' those Prints that have been engraved by the Painters themselves, or by other Pain-

ters from their Works.

The Second, That an Engraver by Profession can never acquire a Painter's Stile of Engraving; so that they pretend to be able to know by a Print, whether it was engrawed by a Painter, or an Engraver by Profession.

The Third and Last, That the modern Engravers cannot possibly express the Works of the ancient Painters, so well as those have done, who were their Contemporaties; because, say they, every Engraver engraves

engraves according to the Gusto of the Time he lives in, and therefore 'tis impossible for a modern Engraver to express the Works of Raphael, in the same Manner as Mark Antonio, Augustin of Venice, Sylvester of Ravenna, &c. have done.

After having diligently examined these three Opinions, and the Prints in Dispute, it appears to me, that there is more of

Prejudice than Reality in them.

For Example, with regard to the first Opinion, I have found there are some Prints engraved by Simon Cantarini from Guido and Louis Caracoi, that are preserable to many that were incontestably engraved by Guido himself. And as these Gentlemen are at Variance amongst themselves, concerning many of Guido's Prints, which \* some of them affirm were engraved by Guido himself, and others, by other Hands; I think this Diversity, of Sentiments sufficiently proves, that their Opinion deserves to be very little relied on.

In Opposition to the second Opinion, viz.

That an Engraver by Profession can never acquire a Painter's Stile of Engraving: There are many Pieces engraved by Gerard Audran,

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which,

<sup>\*</sup> Amongst others, a Print from Louis Caracci, engraved by Simon Cantarini, representing a Man possessed by an evil Spirit, which most of these Critics believe was engraved by Guido himself.

which, I am persuaded, if these Gentlemen had feen without knowing they were done by him, they would rather have thought them the Productions of a Painter than an Engraver; for they are touched with fo much Life and Judgment, that I much question whether any Painter could have exceeded them. To be convinced of this, they need only look on the Judges in the Print of the Martyrdom of St. Laurence, from Le Seur; on the Pyrrbus faved, from Poussin; the Rape of Truth, from the same; on the Paffage of the Red Sea, from Verdier, &c. 'Tis true it may be objected, that the Figures in the Fore-part of these Prints have a Boldness and Strength of Engraving, which you do not find in any Piece engraved by Painters; but this is a Perfection their Works have not, and no Way invalidates my Opinion: which is, that these Prints have as much Life and Force, and even more than are to be found in many Prints engraved by Painters themfelves.

To remove this Prejudice, the famous Bernard Picart chose several Designs which had never been engraved; and having privately engraved them, and printed some Copies on dirty Paper, he dispersed them under-hand, and had the Satisfaction to find, that not one of these Criticks ever suspected

a Print

suspected they were not Prints, which had been engraved and printed in Italy. One of these Pieces was from Poussin, and only sketched out, as if with a Pen, which many People took for a Defign; another was a small Holy Virgin, in an Oval, from Carlo Maratti, which had been engraved before at Paris, almost as large as the Life, by his Father Stephen Picart. Those, who had never feen the large Print, thought the small one the Work of one of Guido's Disciples, from Guido; and those, who had feen it, took the small one for an Original, engraved by Carlo Maratti himself. There was also a Print of Rebecca, which they did him the Honour to attribute, both for the Invention and Engraving, to Carlo Maratti. Three other Prints, the one a Fesuit; another, a St. Jerom; and the third, a Holy Virgin on the Clouds: Some thought were done by Guido himself, and others, by some of his Disciples.

With regard to the third Opinion, That the modern Engravers cannot attain the Stiles of the ancient Painters, because they live in another Age, and every Age has, as they pretend, a peculiar Manner; These Gentlemen do not observe, that they confound the Manner of Engraving, they are used to see, in these old Prints, with the Stile of the Painter; so that when they see

a Print of one of Raphael's Compositions, with all the Out-lines traced with an equal black Stroke, and with a fine and faint Engraving, without Degradation of Light and Shade, or Roundness of the Figures, as all the Engravings of that Time are; they approve of it, as if it was Raphael's Manner, which is absolutely false. Those, who have it in their Power, have nothing to do, but compare Mark Antonio's, or any other Engraver's Prints of that Age, with the original Defigns, as I have done, with regard to many of them; and they will fee, that they have been far from imitating them exactly. They have even taken the Liber-ty to make Grounds to some Designs that had none, and finish some l'arts, that were but lightly touched, according to their own Fancy. I do not delign to diminish the Esteem, that is due to the Merit of those Prints, but value them as much as any Body, and esteem those who engraved them, on two Accounts; first, because they have preserved us many fine Works, the Originals of which are either loft, or cannot be feen by every Body; and fecondly, because we ought to regard them as the Inventors of Engraving; and therefore ought to admire, that they were able to carry the Art to such Perfection as they did, particularly Mark Antonio, and those who.

who are called les petits Maitres, whom we ought to use with great Indulgence.

It would be ridiculous to expect from the Inventors of any Art, all the Perfection it acquires in a Series of Years; and it is no less ridiculous, in admiring their Works, to shut our Eyes against the Discoveries that have been made fince their Time. I think it very reasonable, that their Prints should bear a better Price than the fine modern ones, not because they. are better, but because they are very scarce, there being but few good Copies of them extant; but am perfuaded, if one of the fine modern Prints was as rare, and as ancient as those of the first Masters, it not only would, but ought to bear a better. Price than they do. For Example, the ancient Print of Rapbael's Holy Family, taken from a Painting in the French King's Cabinet, is, in my Opinion, infinitely inferior to that engraved by Mr. Edelink; and yet there are Virtuosi, who have the ancient one, and disdain to look on Mr. Edelink's, out of meer Obstinacy, because they will esteem nothing but what is ancient and scarce.

Gentlemen, who know the intrinsick Value of Works, can hardly conceive that Prejudice can go so far; and indeed the Dealers in Prints themselves are to be chiefly

chiefly blamed for it, for as very few Lovers of Prints are competent Judges of them, and therefore rely on what they fay, they out of a mercenary View inspire them with a Contempt for modern Prints, because they are easily to be had, and are continually filling their Ears with the Merit of those Pieces, which are very rare, and consequently not always to be purchased. Mr. Picart gives us an Instance of this, which I will relate in his own Words: "One Pesne, an excellent Designer on Paper, but very indifferent Engraver, engraved the seven Sacraments of Poussin, After a certain each on two Plates. Number of them had been work'd off. and dispersed in the World, Gerard Audran, having bought the Plates, with Pesne's Designs of them, retouched, and mended them from the faid Defigns, and made them incomparably better than they were before. Gerard Audran's Merit is fo well known, that it needs no Recommendation; nevertheless, a Dealer in Prints (at Paris) had the Affurance one Day, offering to fell me one of the first Copies, to say; These are fine, these are not those that were retouched by Audran. And thus it is these mercenary Wretches prepoffess the Minds of young Gentlemen, who by frequenting the Company of

of others, who have been imbued with the same Prejudices, are so confirmed in them, that they are not afterwards to be undeceived, even though a more equitable Connoisseur should undertake to do it; because they think it a Sort of Shame to abandon an Opinion, which they have for many Years believed true, and defended."

But this is no new Prejudice, we find, as I have remarked in the Life of Henry Goltzius, there were some Criticks in his Time, who laboured under it, and were not less mortified, when they found themfelves imposed on, by that great Master's Imitation of the Stiles of Albert Durer, Lucas of Leyden, &c. than those were, whom Bernard Picart deceived in the following Manner, which I will also give you in his own Words: " To undeceive some who were prepoffessed with an Opinion, that the modern Engravers could not represent the Works of Raphael fo well as those did, who were his Contemporaries, I was obliged to engrave some Prints, which had been engraved before by some of the ancient Masters, as by Mark Antonio, or fome other; but the Difficulty was to find the Criginals, from whence they had engraved them: At last, by Accident, I had the good Fortune to meet with two of them, and after having examined and compared

compared them with the Prints, which had been formerly made from them, I found so great a Difference between them, that I did not think myself incapable of succeeding better, and accordingly re-engraved them, to see if I could not approach nearer the original Designs, than my Predecessors had done."

The First was a Venus, who touches one of Cupid's Arrows, and shews, that she feels the Effects of the Touch at her Heart: This I engraved exactly like the Design, with-

out Ground, or any Addition.

The Second was a Bacchanal, which had been formerly engraved by Augustin of Venice. The Design, from whence I did it, is certainly the same from which Augustin of Venice engraved it; the Strokes are the same, the Size the same, and one sees that the Out-lines of the Figures are exactly the fame, but the Muscles within are quite different. The Satyrs have Crowns of Ivy on their Heads, which, in the old Print, are like Cuttings or Slips; the ancient Engraver has made small white Leaves, all of the same Form, ranged on a Ground equally dark; whereas; in the Defign, they are Leaves carelesty disposed, which form a Mass of Light, on a Light. There is a Child, the back Part of whose Head you fee, the Hair of which resembles little IronFrom Hooks ranged round it. The Hair of the Head, Skin and Beard, are all extremely stiff, and equally black, which are not for in the Design, where the Masses of Light and Shade are observed. For Example, the Belly of Silenus, in the old Print, has Wrinkles as dark as possible, and between his Paps are three or four Things that look like Laces to tie them together, which one knows not what to make of. Laftly, if any one will give himself the Trouble to examine the whole, Part by Part, he will find there is not one of them exact. Nay, even without having the Original before him, he need only have a just Idea of the Construction of the human Body, to judge, that Raphael could never have acquired the Reputation he justly has. if his Works were like those ancient Prints; because he would have been inferior to many Painters, who are much inferior to him. I cannot then comprehend, how these Gentlemen will persuade us this is: the true Stile of Raphael; and that it is. impossible to engrave his Works at present, as the ancient Engravers did. For, supposing a modern Engraver is a Master of the Art of Engraving, and can give Figures. Roundness, and the Degradations of Light and Shade; why cannot he express a: Picture, or Design, where all these are obferved.

served, I do not say as well, but better than the ancient Engravers, who had neither that Freedom of Hand, which the good modern ones have, nor understood how to give Figures Roundness, or the Degradations of Light and Shade? Those Engravers might possibly understand Designing on Paper very well; but admitting that, it is still certain, they had not Freedom of Hand enough to trace with the Graver what they would on Copper; and that nothing hinders the modern Engravers from being as good Masters of Design as they were. And 'tis to no Purpose to alledge, that all Ages do not produce great Genius's; for it does not require a superior Genius, as it does to compose, or produce Things of their own Invention: Every Body knows, that all Ages have produced very good Copiers; and that is all is requisite in the present Case.

But these Gentlemen's Prejudices do not only extend to the Prints from Rapael's Works; they pretend also to draw Consequences from them, for those from Rubens. It cannot be denied, but that they are in this Respect, in Part, much more in the Right; for the Prints of Bolswert, Vostermans, Pontius, and Soutman, are so well engraved, and have so much of the Painter's Stile in them, that I do

not think they can be exceeded; and in this, Rubens has been more happy than Raphael. But there are many other Prints engraved from the Works of Rubens by other Engravers of that Age, which are very ill done, and which these Gentlemen hunt after, whilst they despise others engraved by Masters of this Age, though infinitely more in the Stile of Rubens. In this they are to blame; for, I believe, there are Engravers now living, who can copy his Works as well as the best of his Time, and much better than the others.

The Reasons I have here assigned, I think sufficient to convince those, who are desirous to be undeceived; but if not, I shall not desist from my Opinion; being persuaded it proceeds more from my Incapacity to establish it, than from the Falsity of my Maxims, which I leave to some other more ingenious Artist to justify.

son think they can be endendhouse after, waith that defined others day in lunder to the diffe of State of the and much bester than the others. thick full cent to copy and tholk, who as omer name ingenious Anuft to father.



#### THE

## ART of ENGRAVING

WITH

## AQUA FORTIS.

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#### SECT. I.

To make the bard Varnish for engraving with Aqua Fortis.

Pitch, or (for Want of that) Burgundy Pitch, five Ounces of Refin of Tyre, or Colofonium, or (for Want of that) ordinary Rosin: Melt them together over a gentle Fire in a very clean new earthen Pot, well varnished, or leaded. These two Things being first melted, and well mixt together, put into them four Ounces of the best Nut Oil; mix them

### 48 The ART of ENGRAVING

them well together over the same Fire for a full half Hour, and let them boil well; then let this Mixture cool a little over a gentle Fire; and afterwards, touching it with the End of your Finger, it will rope (if it be boiled enough) like a glewy Syrup. Then, take the Pot from the Fire, and (the Varnish being a little more cooled) strain it though a fine Linnen Cloth, or Taffata, into a well varnished earthen Pot; or else put it into a thick Glass Bottle, or any other Thing that will not drink it up, and stop it well. Varnish thus made will last twenty Years, and it will be the better the longer it is kept.

### SECT. II.

To make the Composition of Tallow and Oil, to cover those Places in the Plate, where you would not have the Aqua Fortis to eat in.

kin, that will hold about a Pint, put into it half a Pound of hard Tallow, a Wine Glass of Olive Oil, together with a Spoonful of Lamp Black, set it on the Fire, and, as the Tallow dissolves, keep stirring it with a small Stick, that the Lamp Black and Oil may the better incorporate;

porate; let it boil the Space of ten or twelve Minutes; then take a Pencil and dip it in, and let a Drop or two fall on a Plate, or any cold hard Thing; and if the Drops be a little hardened and firm, it sheweth that the Mixture is well made. If it is too liquid, 'tis because there is too much Oil; and then you must put in more Tallow; and for the fame Reason, if too hard, you must put in more Oil.

The Reason why you melt the Oil and the Tallow together, is to make the Tallow more liquid, and not cool too fast: For should you melt the Tallow alone, you shall no sooner take it up with the Point of your Pencil to carry it to the Place where you would use it, but it will

grow cold.

Put in a greater Quantity of Oil in Winter, than in Summer.

## SECT. III.

To prepare the Ingredients for making the Aqua Fortis for the hard Varnish.

HE Aqua Fortis is made of Vinegar, Salt Armoniack, Bay-Salt, and Vert de Griz. cover the Pot, and flir it with a little 50 The ART of ENGRAVING

The Vinegar must be of the best Sort of White-wine; but if distilled, it is the better, and not so subject to break up the Varnish.

The Salt Armoniack must be clear,

transparent, white, pure, and clean.

The Bay-Salt must be also pure and

elean.

The Vert de Griz must be clean, and

free from any Scrapings of Brass.

The Salt Armoniack, and Vert de Griz, are commonly fold at the Druggists.

# That oos loos ton bear significant. VI m. T O E C T. m IV.

To make the Aqua Fortis.

Ounces of Salt Armoniack, fix Ounces of Bay-Salt, and four Ounces of Vert de Griz; or of each according to this Proportion, as you will make your Quantity more or less; put them all together in an earthen Pot well varnished, large emough, that it may not boil over: Cover the Pot, and set it over a quick Fire, and let it boil up two or three Times, and no more: When you perceive it ready to boil, and not before, uncover the Pot, and stir it with a little Stick sometimes, and take heed that it do not boil

boil over: Having let it boil up two or three Times, take the Pot from off the Fire, and let it cool; but keep the Pot covered, and when it is cold, pour it into a Glass Bottle, and let it stand stopped a Day or two before you use it; and if you shall find it too strong in the Etching, pour into it a Glass or two of the same Vinegar you made it of.

### SECT. V.

To know good Copper from bad.

OPPER is better for graving than Brass, either with a Graver, or Aqua Fortis; because Brass is too brittle. That Copper is best, which is free from Flaws, and not too hard, which you may perceive by its yellowish Colour, almost like Brass; and if it be too soft, you may easily perceive it by its too great Pliableness in Bending. When you make use of it, you will perceive (in that which is good) a firm, yet easy Force in the Entring of your Graver, on the Backfide of your Plate; and that Copper which is best for graving, is also best for etching.

a Board

choice of the imoothelt Side for politican negu n xi a did to god as Ecott

To planish and polish the Plate.

JERE in England you must buy your Copper ready forged from the Brasiers. If in London, there are People who term themselves Coppersmiths, and prepare the Plates for immediate Use, either large or small, at a fix'd Price per Pound.

It is not necessary, that they, who desire to engrave, should forge and polish their Copper Plates themselves; but because in divers Places they cannot conveniently be had ready polished, I have thought sit to set down the Manner how they may be done.

Those Plates, which you intend to forge and planish, must be full as thick as an Half-Crown, because in their forging and planishing they will become somewhat thinner. You must planish your Copper cold, as the Silversmiths do their Plate: And the more it is beaten, or planished with a Hammer, the firmer it is, and less subject to Holes or Flaws.

Your Plate being well planished, make choice of the smoothest Side for polishing: Before you begin to polish it, fix it upon a Board;

a Board; and when you polish it, let your Board (to which the Plate is fixed) stand

a little floping.

To polish your Plate, take a Piece of a Grinding-stone about the Bigness of your Fist, and fair Water; rub it firm, and even all over; and in your Rubbing throw Water often on it, and continue fo doing, till you cannot perceive any Dents, Flaws, or Marks of the Hammer: Then wash it clean with Water. Afterwards take a good Pumice-Stone, and some Water, and rub the Plate with it till there appears none of the rough Strokes, or Marks of the Stone: Then wash it clean with Water, as you did before.

Again, do the same Thing with a fine smooth Hone and Water, till all the Marks of the Pumice-Stone are quite rubbed out: This done, wash it clean with fair Water.

Then choose out a smooth Charcoal, without any Knots, or rough Grain, and put it in a well-kindled Fire: Let it be there, till you perceive it red hot; then take it out of the Fire, and quench it in Water; then take it out, and pare off the outermost Rind, and rub your Plate with it, and Water, till all the small Strokes of the Hone are rubbed: out. If the Coal be bad, it will only flide upon the Plate, and not rub out the

D 3,

Strokes.

Strokes. This done, dry the Plate; then it is requisite to have it burnished over, which Operation is performed by an Instrument made of well-harden'd polithed Steel, somewhat roundish, termed a Burnisher, with which you rub Plate over, (first dropping on it some Drops of Olive Oil,) whereby the Pores of the Copper are the better closed, and the Scratches of the Charcoal (as there always

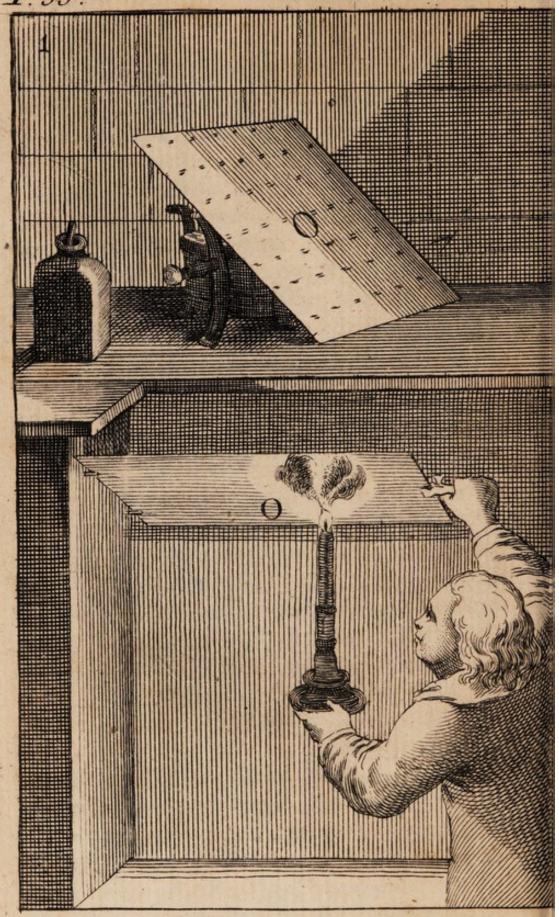
will remain some few) effaced.

After the Plate is burnished, take a clean Linnen Rag, and rub off the Oil; then take fine Powder of Chalk, and lay it on the Plate, and with another Piece of fine clean Linnen Rag rub it over the Plate, then brush off the Chalk, and with a third clean Rag rub the Plate over again, and likewife round the Edges, taking Care there be not the least Appearance of Oil, or Chalk, left: which being done, take a small Piece of Paper, double it in four, as large as the Chops of your Handvice; the Use of it being to prevent the Teeth of the Hand-vice marking the Copper; put the Paper on the Edge of your Plate, as much above it as below; then apply your Hand-vice, and take Care to skrew it fast, that the Plate may not slip; this done, your Plate is fitly prepared to lay on your Varnish.

SECT.



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# SECT. VII.

To apply the bard Varnish on the Plate, and make it black.

AKE your Plate thus cleanfed, and lay it on a Chafing-Dish with a little clear Charcoal Fire in it, and when it is indifferently hot, take it away, and take up some of the Varnish with a little Stick, and put a Drop of it on the Top of one of your Fingers; then lightly touch the Plate with the Top of your Finger in feveral Places at equal Distances; as the uppermost Figure in the Plate, marked with the Letter O, shews you; and lay no more on one Plice than on another. And if your Plate grow cold, heat it again as before, carefully keeping it from Dust or Filth. This done (having well wiped the fleshy Part of the Palm of your Hand) tap it upon the Plate, till all the little Spots of Varnish are equally spread upon the Plate.

After this tapping, wipe or slide your Hand upon the Varnish, to make it more smooth and equal; take great Care that there be not too much Varnish upon the D4 Plate.

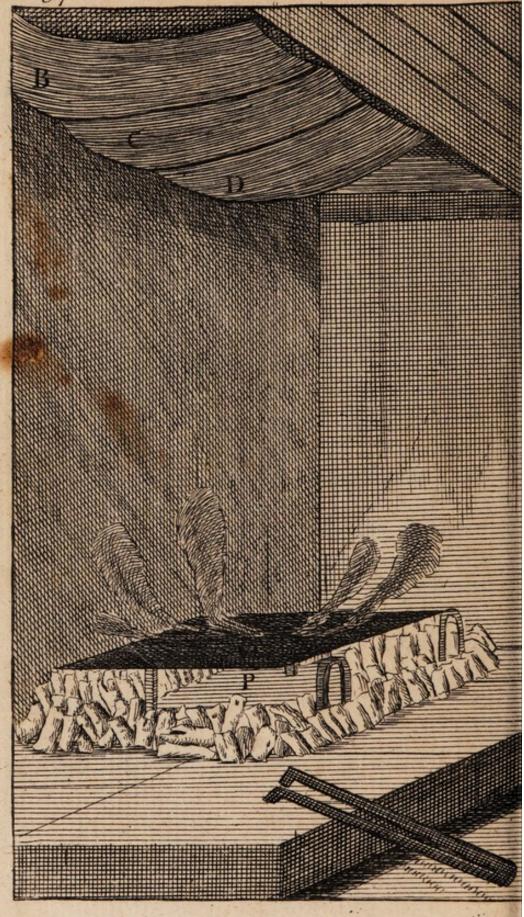
Plate, and that your Hand be not sweaty; because the Sweat mixing with the Varnish, will cause little Bubbles, when it is applied to the Fire, which will become

little Holes in the Varnish.

Your Varnish being thus smoothed upon the Plate, the Way to black it is this. Take a great Tallow-candle lighted, that burns clear; let it have but a short Snuff; then place your Plate against the Wall, (first driving two short Nails for it to rest on,) with the varnished Side downward, as the lower Figure in the Plate represents it. Take heed that your Fingers do not touch the Varnish; then take your Candle, and apply the Flame to the Varnish, as close as you can without touching the Varnish with the Snuff of the Candle; guide the Flame all over, till you fee it perfectly black; then keep it from Dust or Filth till it be dried; by setting it on the Ground, the Hand-vice uppermost, bearing against the Wall, the Bottom of the Plate four or five Inches from it, and the varnished Side innermost.



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#### SECT. VIII.

To dry and harden the Varnish upon the Plate.

Indle a Fire in a Chimney with fuch Charcoal as is not subject to sparkle, and when it is well kindled, range it in a Square, somewhat larger than your Plate, as the Letter P shews you. Before you place your Plate to be dried, hang up a Cloth in the Chimney to prevent any Soot or Filth from falling down upon it, as you may fee by the Letters BCD. Then take your Plate and place it in the middle of the Range upon two low Andirons, as the Letter O directs: This done, you will foon perceive the Varnish to smoke; and when you perceive the Smoke begins to abate, then take the Plate from off the Andirons, and with a Stick (pointed) scratch near the Side of your Plate; and if it easily takes off the Varnish, you must lay it again upon the Andirons for a little Time; take it off, and touch if again with your pointed Stick, and if the Varnish comes not off eafily, then take it from the Fire, and let it cool.

If the Varnish do much resist the Point of the Stick, then presently throw on some cold Water on the Backside of the Plate, to cool it, that the Heat of the Plate may not cause the Varnish to be too hard and brittle.

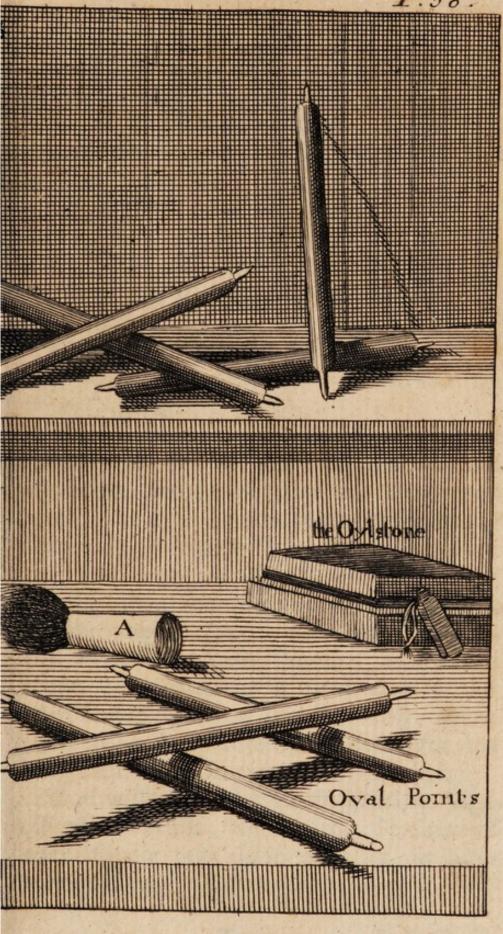
If your Plate be not very large, a Chafing-Dish, with clear Charcoal in it, will serve to harden your Varnish, taking care to keep your Room free from any Dust, and wrap a Cloth or Paper round your Hand-vice to prevent the Heat coming to your Hand: But if your Plate should be large, the former Manner is best, putting another Hand-vice at the opposite End; always having one to help you.

## SECT. IX.

To choose the Needles, wherewith to make the Tools to etch with. Plate 3.

Hoose some broken Needles of several Sizes and Bigness, such as break neat without bending, and of a fine Grain. Then take round Sticks of a good sirm Wood, not apt to split, of the Length of half a Foot, or little less, of the Thickness of a good large Quill: At the Ends of which Sticks six in your Needles, so that they stand out of the Sticks about

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as much as you fee in the following Figure; or stick your Needles in Pieces of Cane of that Length, taking care to put them in the Centre, and leaving about half an Inch out.

#### SECT. X.

To whet the Points of the Needles.

THERE are two Ways of whetting your Needles, the one round, the

other floping.

You must have an Oil-stone with a fine Grain, to whet your Needles upon: Those you would have to be round, you must whet their Points short, by rubbing them on the Edge of your Oil-stone, from one End of the Hone to the other, turning them continually round, as the Figure shews you. The other, which you intend to make sloping, first make blunt, then holding it firm and steady, whet it sloping upon one Side only, till it come to a short roundish Oval; for the long Oval is not so good to work with.

You will need a foft Brush-pencil to wipe off the Varnish, which the Strokes of your Needle raise up in working, as is re-

presented by the Letter A.

#### 3 E C T. XI.

as you let the following Fig.

To preserve the Varnish upon the Plate.

YOUR Plate being varnished, place it on a large square Board, and raise up the End from you, so that it may form a Desk, but take care not to raise it too high, lest your Plate slide down; some chuse to lay the Plate flat on a Table :--Lay a Sheet of clean Cartridge Paper under your Plate, and when you work, put upon it a clean Silk or Linnen Handkerchief, or a large Piece of clean Washleather, to rest your Hand upon, to keep it from the Varnish.

When you have Occasion to use your Ruler, to draw straight Lines, take two Pieces of clean Writing Paper, folded feveral Times double, about fix Inches long, and half an Inch in Breadth; lay these on your Plate, one at each End, of the Length of the Lines you intend to draw; then place your Ruler on these Pieces of Paper, and take care that the Infide of the Ruler does not touch the Varnish; if it should, make your Pieces of Paper thicker, to prevent your Ruler's damaging the Varnish, and take care to keep your Plate free from



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then with a Feather.

#### SECT. XII.

#### To etch.

I N etching, you will have Occasion to make divers Sorts of Lines or Hatches, some bigger, some smaller, some straight, some crooked. To make these, you must use several Sorts of Needles, bigger or smaller, as the Work requires. The great Lines are made these several Ways.

Point being short and thick, makes a large Passage; but the Point being round, it will

not cut the Varnish clear.

2. By making divers Lines or Hatches, very close one to another, and then by passing them over again with a thicker Needle; but this Way is both tedious, and difficult.

3. By making the Lines with an indifferent big Needle, and letting the Aqua Fortis lie the longer on it. Those Needles, which you whet stoping with an Oval, are the best to make the large Lines with, because with their Sides, they cut what the round Points cannot. Pl. 4.

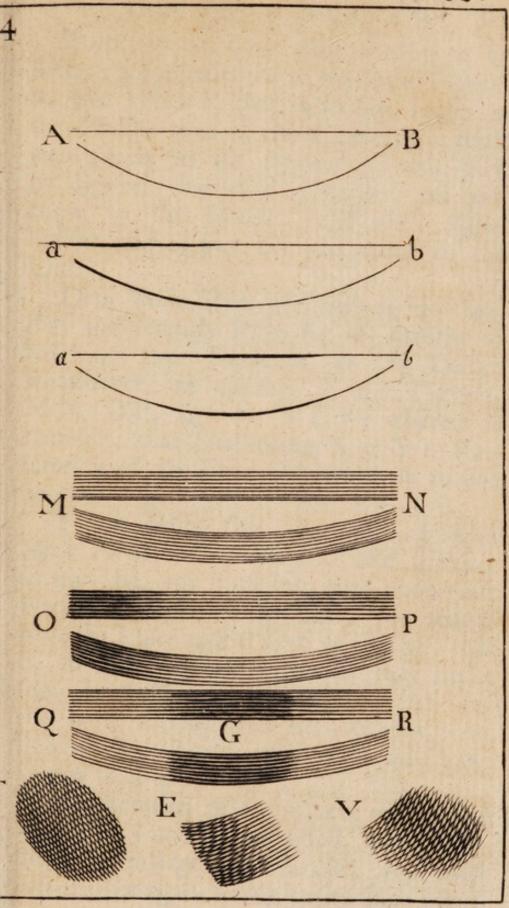
#### SECT. XIII.

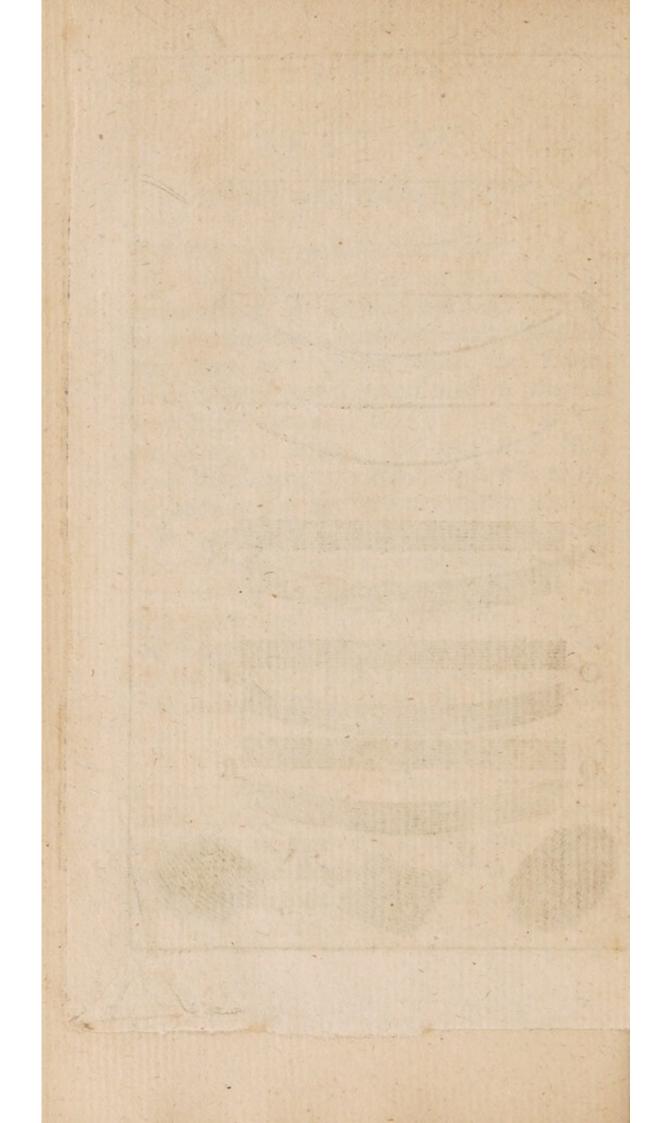
To guide the Needle on the Plate.

You may perceive from what is faid, that those Points which you intend to make use of, for graving with Aqua Fortis, ought to be whetted exactly round, that they may turn more freely upon the Plate. Some of those round Points must be whetted very sharp, that they may cut the Varnish and Copper easily. If you find that your Point cuts not freely and smoothly, its because it is not whetted exactly round.

If you have Occasion to make your Lines or Hatches of an equal Bigness from one End to the other, whether they be straight or crooked, as those two Lines in the Letters A B represent, you must, as Reason will tell you, lean on your Point with an equal Force from one End to the other.

If you would make your Strokes thicker at one End than at the other, as the second Letters A B shew you, then you must lean on your Point with your Hand harder at the Beginning, and by Degrees lighter and lighter towards the End.





If you would have your Strokes to be fuch as are represented in the third Figure, marked also a b, that is to say, larger in the Middle than at either End; you must lean gently at the Beginning, and then by Degrees harder and harder, till you come to the Middle, and then again lighter and lighter till you come to the End.

These three Sorts of Lines or Hatches, may indifferently serve for all manner of hatching your Shadows, in any Defign whatsoever, as appears in the Figures, MN, OP, QGR, TEV; wherein is manifest, that Shadowing is only a Reiteration of the same Strokes close to one another.

If you defire that your etching with Aqua Fortis should look as like graving as may be, you must lean hard upon your Needle in those Places where you would have the Lines appear deep and large; that is, fo hard, that the Needle may make some Impression in the Copper. And for the same Reason you are to lean very light on those Places, which you would have appear faint and small.

If it happens that you have made some Lines, or Hatches too small, and are defirous to inlarge your Stroke, you must pass it over again with a round short Point,

of such a Thickness as you desire your Line should be of; and lean strong and firm on those Parts of the Line, which

you would have large and deep.

If at any Time, by Reason of the large Lines or Hatches, which you were to make, you have used an oval Point (which is the best to cut the Varnish) you must asterwards, with one of your large Needles whetted short and round, pass in the midst of the said Strokes sirmly and strongly, but especially in those Places which you would have large and deep.

## SECT. XIV.

To use the Oval Points, to make large Strokes, in etching or graving with Aqua Fortis. Plate 5..

the Form of those oval Points, that Part next to C describes the End of them, and B D their Sides. They are held, much as you hold a Pen, only the stat Side whetted is usually held towards the Thumb, as is represented in Figure iii. Not but that it may be used otherwise, with the Face of the Oval turned towards the middle Finger, as is shewn in Figure iv. But I have found



found the other Manner to be much better, because you may that Way inforce your Strokes with more Strength and Firmness.

To shew you how to make your Strokes large and deep, and that these oval Points are the most proper for it, take Notice of the two upper, first and second Figures, which are purposely made the larger, that you may the better apprehend what shall be hereafter spoken of them. Your own Reason will tell you, that if you lean lightly in making your Strokes, those Strokes will accordingly be less deep, smaller, and more faint; for the harder you lean, the deeper and larger your Strokes will be. Of this you have an Example in the third Figure marked rns; where leaning lightly at the Beginning, viz. r, and then harder by Degrees to n, and afterwards lighter by Degrees to s, you make your Stroke bigger or smaller according to your leaning on it, as you find. represented in the faid third Figure.

But if you would have your Strokes come very small and delicate at the End, then with the Point of your small Needle lengthen out your Stroke, as you find it represented in the two Strokes of the fifth

Figure.

Some will first make their Stroke with a round Needle, and then pass it over again with an oval Point, to inlarge it in those Places, which they would have deeper and bigger; but the other is the best Way.

They that know how to engrave, after they have done etching their Lines with Aqua Fortis, may, with the Assistance of their Graver, make them neater and

deeper.

I think it not amiss to advise you, that in making your Strokes with your oval Points, you must hold them as upright and straight in your Hand as you can, and accustom yourself to strike your Strokes sirm and bold, for that will contribute very much to their Neatness and Clearness. To do this the better, you must be very careful to have your Points al-

ways well whetted.

In those Places which you would have appear in your Piece by Way of Landskip, or the furthest Distance from the Sight, and in those Places which approach nearest the Light, you must use a very slender Point, leaning so lightly with your Hand, as to make a small faint Stroke. But when you come to those Places, which you would have more shadowed, lean so much the harder, that when you come to eat in with your Aqua Fortis,

Fortis, you may cover most of your faint Places at one and the same Time; for you must know that those Strokes, which you lean lightest on, do little more than raise up the Varnish. So when you ply your Aqua Fortis to etch it, it will appear much fainter, than in those Places where you have leaned with greater Force, though the Strokes are done with one and the same Needle. Insomuch, that when you shall have covered the greatest Part of your faint Places with your Mixture, those Places, whereon you leaned strongest, will appear deepest, though they were all covered at the same Time. In your working be careful to brush off all the Dust which you make with your Needles.

You must provide yourself with some good white Picture-Varnish, keep it close stopp'd in a Vial, and when you have Occasion to correct any false Stroke, or alter any small Object, take a fine clean Camel's-Hair Pencil, dip it into the Varnish, and mix up some Lamp-Black with it, on a Piece of Glass, or Oyster-Shell, (but take care it be not too liquid) which will withstand the Aqua Fortis, and is much better for stopping up small Parts, than the Tallow; after it is dry, you may

68 The ART of ENGRAVING may work over it, which cannot be done on the Tallow.

## SECT. XV.

To prepare the Plate, to receive the Aqua Fortis.

for the Aqua Fortis, brush off all the Rubbish and Dust that is in the Strokes. And if there happen to be any Strokes which you would not have the Aqua Fortis eat into, or any Places where the Varnish is rubb'd off, then melt your Mixture of Oil and Grease which you have made, and with a Pencil, bigger or smaller, according to the Proportion of those Places which you would mend, cover those Places indifferently thick, and the Aqua Fortis will not eat in.

This done, take a Brush or Pencil, and dip it into the said Mixture of Oil and Grease, and rub the Back-Side of you Plate all over, to prevent the Aqua Fortis from eating any Part of it; but take heed that your Mixture be not too thin or liquid, for if it be, when you pour your Aqua Fortis on the Plate, it will sonce it from those Places whereto you had applied it.

When



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When you find the Mixture begin to grow cold, then put some small Quantity of it on your left Hand, thereby to keep it warm, to be used as Occasion

shall require.

In the Winter Time especially, when the Weather is cold and moist, before you apply your Agua Fortis to the Plate, it will not be amiss to warm it gently by the Fire, to dry up the Moisture, which the Plate is subject to by Reason of the Distemperature of the Weather. Nay, if it be not warmed, it may likely endanger the breaking up of the Varnish, at the first pouring of the Agua Fortis upon the Plate.

#### SECT. XVI.

To make the Trough and Frame to hold the Plate, when you would pour the Aqua Fortis on it.

HE Figure opposite hereto, reprefents both Trough and Frame. The Letter A is one intire Piece of Elm or Oak, of about four Inches thick, and fix Inches broad, or may be of fuch a Length as you shall think fittest for your Use. You must cut this Piece of Wood into the Fashion of a Trough, as the Figure shews you, making it a little deeper in the Mid-

dle, that the Water running thither, may fall through a Hole made there for that Purpose. Set this upon an Easel, as the Figure shews you.

Under the Hole in the Trough, place an earthen Pan well leaded on the Inside, as you see in Figure B; and therein put your Aqua Fortis, let it not stand too much

below the Trough.

2015

The Figure MNOP is one intire Board, of an indifferent Largeness, as you may judge by the Figure. About both the Sides and Top of this Board, you must fasten a Ledge, about two Inches broad, to keep the Aqua Fortis from running off from the Sides, when you pour it in. The Inside of this Board and Trough must be covered or primed over with a thick Oil-colour, to hinder the Aqua Fortis from eating or rotting the Board. Place the lower End of this Board in the Trough sloping against your Easel, and you must fix several Pegs of Wood or Nails in the Board, to rest your Plate on.

The Figure Q describes a little earthen Pot well leaded on both Sides, which you must have to take up your Aqua Fortis out of the Pan, and to pour it on the Plate.

LTDIE it a little deeper in the Mid-

#### SECT. XVII.

The Manner of casting the Aqua Fortis upon the Plate; and to cover the Places that are faintest, and most remote from the Eye, with the fore-mentioned Mixture, as Occasion requires.

TAVING observed the Way of I placing the Plate for the receiving of the Aqua Fortis, there remains only to confider the Method you are to follow in pouring it on, as Occasion requires; for in some Works, it will be necessary to pour it on feveral Times, for the Reasons hereafter mentioned. Having a sufficient Quantity of Agua Fortis in your Pan, fill your earthen Pot, and pour it upon your Plate, beginning at the Top, and moving your Hand equally, fo that it may run all over the Plate alike, taking great heed that the Pot touch not the Plate. Having thus poured it eight or ten Times, the Plate being in the Posture expressed in the preceding Figure, you must turn it cross-ways, as is represented in the upper Part of the following Figure, marked C; and pour on it as it lies that way, ten or twelve Times again, as before: This done, turn your Plate suitably to the Posture expressed by the lower

lower Part of the aforesaid Figure, that is to say, corner-ways, and as it lies so, pour thereon eight or ten Times; pouring the Aqua Fortis thus, at several Times, for the Space of half a Quarter of an Hour, more or less, according to the Strength of the Water, and Nature of the Copper. For if the Copper be brittle and hard, there must be the less Time allowed for the pouring on the Water; but if soft, the more.

By Chance you may not at the first be so well assured of the Strength of your Water, and the true Quality of your Copper; it will therefore not be amiss to give you some Directions how to know both, that you may proceed according to the Strength or Neatness, which you expect to find in your Work. For some Pieces require more Force, and others more Tendernefs. To know therefore that the Nature of your Copper, and Strength of your Water, are fuch, as the Work you intend requires, pour the Aqua Fortis on your Plate, for the Time, as is before mentioned, for the Space of the fourth Part of a Quarter of an Hour. Then take away the Plate, and throw on it a Quantity of fair Water, holding the Pot at a good Height from the Plate, to wash off the Aqua Fortis; for if

lower

it be not clean washed, the Work will apper green, and consequently you cannot so well perceive the Operation of your

Aqua Fortis.

That done, hold your Plate before the Fire, at fuch a Distance, as that, without melting the Mixture which may be upon it, the fair Water may be dried up. Then take a little Piece of Charcoal, and therewith rub off the Varnish in such Places where the Strokes are faint; and if you find that the Aqua Fortis hath eat deep enough in those faint Places, melt your Mixture, and having placed your Plate upon a Desk or Table, take of the said Mixture, with a Pencil fit for your Work, and cover therewith all those Places which you defire should be tender, and free from any further Operation of the Aqua Fortis: taking great Care that you lay the Mixture thick enough, on the Places which you would have covered; that is, that the Mixture may fill up the Strokes. And it is at this first Operation, that you are to cover all the faintest and sweetest Places.

Having held your Plate so long to the Fire that the Moisture is quite taken off (a Thing only necessary in the Winter Time) put it again upon your Board, and pour on your Water as before, for the Space of about half an Hour, turning your Plate

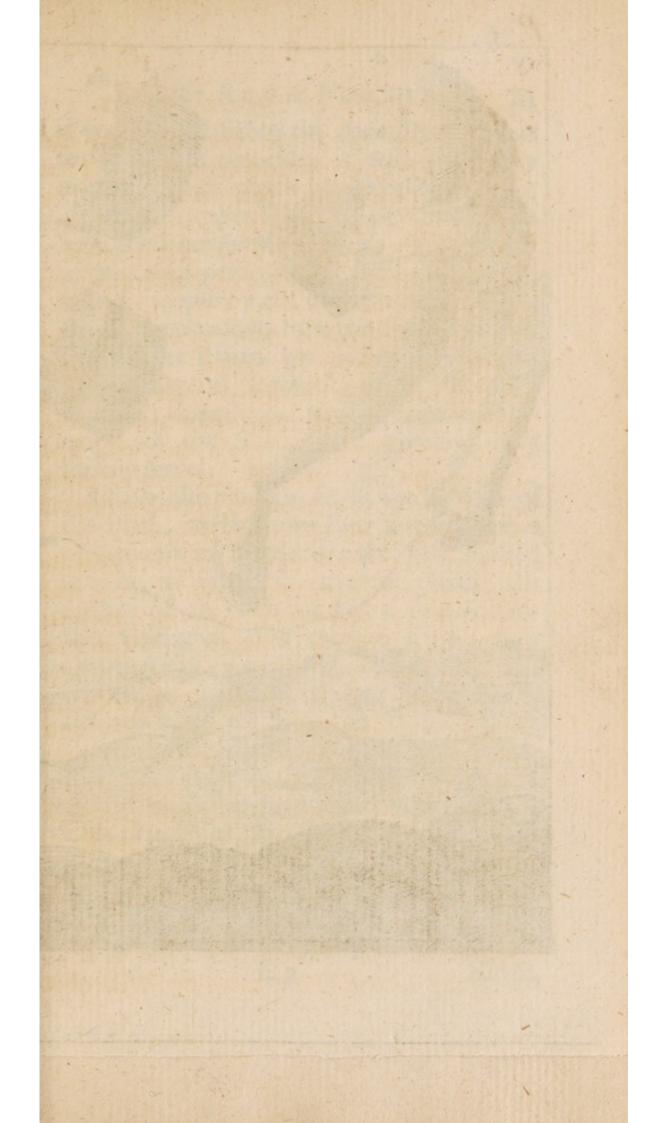
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from Time to Time, according to the several Postures before expressed. That done, wash off the Aqua Fortis with fair Water, as before, and dry your Plate by the Fire, taking especial Care that you melt not the Mixture which you had before put upon it.

Your Plate being dried, put it upon the Desk, or Table, as before, and having melted your Mixture, cover therewith those faint Places and Hatches that are next in Point of Faintness to those that you had covered before. For the different Degrees of Faintness in the Hatches, you have several

Examples in the following Figure.

You have been before directed how to guide your Needles and oval Points, and have been told how you are to lean strongly and firmly on the Places where you would have the Strokes be black and deep, and to flack and lighten your Hand where you would have them faint and tender; a Thing which very much facilitates the Operation of the Agua Fortis. For Instance, when you have the first Time with your Mixture covered that Part, which is inclosed by the Line ABCD, and makes a kind of an Oval; you come at the fecond time, to cover that Space which is between the Line A B C, and the Line EOF; knowing well, that if





if you have suffered the Aqua Fortis to eat for the Time requisite, it will have very

near the Effect which you expected.

At the upper End of the Plate, you have the Form of a Woman's Arm, wherein you may perceive, by the Line marked a bcd, as also by the other, which lies yet nearer the Shadow, how the small Hatches and fainter Places are ordinarily covered at two feveral Operations, as Occasion requires; though, in the forementioned Example of the Arm, once covering may luckily ferve.

I have also thought fit at the Bottom of the Plate, to set down four several Pieces of Ground in Landskip; the first marked m m m, is the first covered, being the farthest of all from the Eye; then at another Operation that marked nn; then that marked ooo; there being only that marked p, wherein the Aqua Fortis eats in

full and deep.

It may be objected, that the leaning lightly or hardly on the Points in their proper Places in working, may make the Strokes and Hatchings fo, that the Aqua Fortis may eat in answerably to your Expectation, without the Trouble of covering any Places with your Mixture: To this I answer, that the Work will not altogether have that

E 2

Effect.

Effect, but will be like the fecond Plate, which I have purposely made after that Manner: For though you can lean harder on some Places, and lighter on others; yet the Aqua Fortis being poured equally all over the Plate, during the whole Time; it must follow, that some Places will not be so sweet and tender as they ought, and will come far fhort of that beautiful and lively Continuity, which you perceive in those Lines and Strokes where you use

the Mixture.

If it happen, when you dry your Plate by the Fire to take off the Moisture, as hath been faid before, that the Mixture, for Want of Care, melts and runs into those Hatches and Strokes where you would have the Aqua Fortis eat further in; wipe the Place with a foft Cloth, then take the Crumb of stale Bread, and rub the Place therewith, till fuch Time as you conceive you have taken off all the Greafiness. This Kemedy is only applicable in Case of Extremity; for you are to observe, that it is impossible to take out the Grease so clearly, but that it will somewhat hinder the Operation of the Aqua Fortis. And therefore there must be the more Care taken to preHaving thus covered your Places as Occasion requires, for the second Time, place your Plate on the Board aforesaid, and pour your Aqua Fortis on it, for another half Hour.

That done, wash it with Water, and dry it as formerly, and cover the Places you think require it; for the third Time, you must know, that the faint Places are to be proportionable to, that is, more or less, according to the feveral Designs and Pieces you work, upon. When this is done, pour your Aqua Fortis upon it, for the last Time, and it is at this Operation, that you are to bestow more or less Time, than in the former, according to

the Nature of your Work.

For Instance, if there be in your Plate fuch Hatches and Shadows, as require much Depth and Fulness, which consequently will be very black, you are to pour on the Aqua Fortis for an Hour or better at this last Operation alone, that is, proportionably to the former. You may imagine, that no certain or general Rule can be given, either for the convenient Covering of the Places, or the exact Space of Time that is to be obferved in throwing on the Water: For it cannot be thought, that Callot pour'd as

E 3

much

much Water on his little Pieces, as he did

on those which were bigger.

I have told you, how you may rub off your Varnish or Ground, as Occasion requires, with a Charcoal, to see whether the Water hath eat in deep enough: Then you will judge of the Space of Time, that you are to employ in pouring on the Aqua Fortis, by the various Works you are to do; and where I tell you, that you may bestow an Hour and better on the last Operation, my Meaning is, in Pieces that require much Blackness. Notwithstanding which, it is to be considered, that all Copper, or all Sorts of Aqua Fortis, have not the same Strength, Nature or Equality, therefore it must be left to Discretion.

Having, as before said, poured the Aqua Fortis upon your Plate for an Hour, more or less, as the Work requires, wash it again with fair Water, and dry it as in the preceding Operations; then put it over the Fire, till your Mixture is all melted; and wipe it very clean on both Sides, with a Linnen Cloth, till you have quite taken away all the Mixture.

SECT.

#### SECT. XVIII.

To take the Ground or Varnish off the Plate, after the Aqua Fortis has done its Operation.

fuch foft-grain'd Wood, and after you have taken off the Rind, and poured fair Water on the Plate, rub it very even with the Charcoal, as if you were to polish Copper, and it will take off the Varnish. Be careful that no Dust or Filth fall upon the Plate; and that the Charcoal be free from Knots and Roughness, which might occasion some small Scratches in the Plate, and would be difficult to get out, especially in those Places which are most faint and sweet. Note, you are not to use such a burnt Coal, as you do, to polish withal.

When the Varnish is taken off, the Plate is of an unpleasant Colour, by Reason of the Operation of the Fire and Water upon it. To reduce it therefore to its proper Colour, take some ordinary Aqua Fortis, to which add two third Parts of fair Water, and with a little Linnen Rag dipp'd therein, rub your Plate all over, and

80 The ART of ENGRAVING and you will find its Colour and Beauty return.

Then immediately take a dry Linnen Rag, and wipe it all over to take off all the aforesaid Water. Hold your Plate to the Fire, and pour on it a little Sallad-Oil, and with the Brims of an old Beaver roll'd up, rub your Plate all over with it, and

with a Cloth wipe it dry.

This done, you will plainly perceive the Places, which require to be touched with the Graver, as for the most Part it happens, especially in those Places, which are to be blackest. For you may judge, that when there are many Strokes and Hatchings close to one another, there is so little Varnish between, that the Aqua Fortis commonly takes it off, and eats under it.

But if this happens, when you cast on your Water, you may presently cover those Places, where you perceive the Varnish break up, with the Mixture; it being more easy to touch it afterwards with the Graver, than when the Aqua Fortis has made a Pit therein, which, in the Working it off at the Rolling-Press, causes a large black Patch; but after some Copies are taken off, that Patch becomes white, because there is not any Thing for the Ink to fasten on.

Having

Having covered that Part in Time, you have no more to do, but perfect those Strokes and Hatchings, to make them firm and beautiful; and then your Plate is ready for the Rolling-Prefs.



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#### OF

## SOFT VARNISH.

## **XXXXXXXXXXXXXXXXXXXXX**

#### SECT. XIX.

To make it, and its Uses.

A K E two Ounces of Virgin Wax, half an Ounce of Burgundy Pitch, half an Ounce of common Pitch, put them into a clean and well-glaz'd earthen Pipkin, and when they are diffolved, take twoOunces of Asphaltum, let it be ground as fine as possible, and shake it into the Pipkin, and with a Stick keep stirring it over the Fire, that the Asphaltum, and the rest, may incorporate well together, and be intirely disfolved, which will be done in about half a Quarter of an Hour; then take it off the Fire, and let it cool a little, and pour the faid Composition into a Bason of fair Water; your Hands being very clean, put them into it, and take out the faid Mixture before it be quite cold, and having well moulded it, and squeezed out the

the Water, roll it up into Pieces about an Inch Diameter, and two or three Inches dong.

After it is moulded, wrap it up in a Piece of fine Sarfenet, or Taffata, two or

three Times double, and fo use it.

There are feveral other Compositions of foft Varnish, that may be used, but this I judge the best of any I have met with.

Note, You are not to put in fo much Virgin Wax in Summer, as in Winter.

#### SECT. XX.

The Manner of laying the Soft Ground or Varnish on the Plate.

AVING your Plate well polished and cleanfed from Greafe, take the foft Varnish prepared as is before mentioned, and put the faid Plate over a Chafingdish, wherein a moderate Fire has been kindled, and let it be so heated, that the Varnish may easily dissolve, as it passes through the Sarfenet, in which'tis wrapped. The Plate being thus heated, take the Varnish cover'd as aforesaid, and by applying it to the End of the Roll, spread it upon the Plate whilst it is hot, carrying it lightly from one Side

to the other, until the Plate be covered thin and equal all over: This being done, take some fine Sarsenet, or other fine Silk, doubled up, put some fine Cotton into it, and let it be about the Bigness of an Egg, when tied up, but make it broad at Bottom, then dab it gently all over your Plate, where you have laid the Varnish; taking Care it be not too thick, for when it is, your Work cannot be so fine and delicate as otherwise it would; if the Plate should cool, and consequently the Varnish, you must heat it again, that it may receive the Varnish, as it passes through the Silk. Also take great Care, for your more easily spreading of it, that neither your Plate, nor Varnish burns; which you will eafily perceive, by obferving, that when it is too hot, it casts itself into little Clots and Blisters.

As foon as you have spread your Varnish very even upon your Plate, black it over with the Flame of a Candle, after the same Manner I mentioned before in the hard Varnish; taking Care that the Flame approach not too near; this is to be done in one Case, rather than in another, that is, when having black'd it all over, you perceive, the Smoke hath not entered within the Varnish, by Reason of its grow-

ing cold: Therefore it will be convenient to put your Plate again over your Chafingdish, and you will see, as soon as the Plate is hot, the Varnish will dissolve; and thereby the Black, which the Smoke hath left upon the Varnish, will pierce as far as the Plate.

In doing this, be very careful to have a moderate Fire, and continually remove your Plate, in fuch a manner, that the Varnish may melt equally all over it, without

Burning.

After that, let your Plate cool, and when you think fit to work upon it, place your Design in the same Manner, as upon your hard Varnish, (the Backside thereof being rubb'd with the Dust of Red Chalk, and Black Lead, mixed together) excepting only, that you must not lean so hard with your Point, in drawing the Out-lines of your Design, lest by so doing, the Needle cutting through the Paper, should rub the Varnish.

Next you proceed to work upon your Plate, with the same kind of Points, as those which are mentioned for hard Varnish, excepting the oval Points, which those that etch with fost Varnish never use: Nevertheless they are very commodious, especially for the working any Piece of Architecture, or making of large Strokes, and 'tis left to the Choice of those that grave, either to use them or not: But one Thing is to be confidered, which you must be very careful of, and that is, how to keep the foft Varnish upon the Plate, for it is very apt to be rubbed off, if any Thing should happen to touch it. There are feveral Ways of keeping it unhurt: For Example, working upon the Plain, or on a Desk, place on the Sides of your Plate, two little Boards, of what Thickness you please, or two little Books of the fame Thickness, and lay a thin Board upon them, fo as not to touch the Plate, and rest your Hand upon this Board as you work.

Many work with their Plate laid upon an Eafel, as a Painter does when he paints; but all Men cannot fit in this Manner at Work, although it is very much approved of, for many Reasons, which hereafter shall

be alledged.

To work upon the faid foft Varnish, you must conveniently place your Board upon a Desk, and lay a Piece of green Bays upon that, and your Plate upon the Bays. Afterwards, take a Linnen Cloth without any kind of Seam, which has been often put to other Uses, that it may be very soft. Then double it three or four Times in Folds, and lay it upon your Varnish;

Varnish; and rest your Hand on it, as you do on Sheets of Paper, upon hard Varnish. The Reason why this Caution is to be observed is, lest the Buttons of your Sleeve should rub off the Varnish.

Be very careful, that there is no Dust or Filth upon your Varnish; if you fee any upon your Plate, wipe it lightly off with one of your large foft Pencils, obferving, that much more Care is required for the preserving of soft Varnish, than of hard; which made the Author leave it off, especially in Pieces that required long Time, and much Pains; it being much more easy to make a firm Winding-Stroke upon hard Varnish than upon soft; because the Hardness of the Varnish holds your Point, as it were engaged, which makes the Strokes the deeper, and more like the Firmness and Neatness of those of a Graver. Moreover, when you are at work on foft Varnish, you must have a special Care, lest any other Person than a Practitioner of the Art, touch or meddle with your Plate; and if any kind of greafy Matter happens to drop upon it, your Plate will be incurable: But if it happens to fall upon hard Varnish, you may clean it with a Linnen Cloth, or Crumbs of Bread.

Those that work upon foft Varnish, if they put their Plate on a Desk or Easel, are not in so much Danger of rubbing off their Varnish, nor need they so often wipe away that which comes off in working; for the Plate being placed obliquely, the superfluous Matter falls away of itself. I don't think it necessary to describe this Way of working, by a Plate, because it is not probable that any who intend to etch after this Manner, can be ignorant how a Painter works upon an Easel, there being no other Difference, except that a Painter uses a Pencil, and a Graver his etching Tools. The Artist must take Care to rest his Plate very firm, especially when he is very intent upon the making of any exact Strokes.

Callot worked upon hard Varnish, after the same Manner; but it was more to preserve his Health; supposing that to sit stooping to his Work (though it were never so little) would be hurtful to him.

#### SECT. XXI.

To border the Plate, that it may contain the Aqua Fortis.

ET foft Wax, either red or green; if it be in Winter, sosten it in warm Water; in Summer it will be sufficiently soft

foft of itself: In the managing of it, put it round the Brims of your Plate, raised about half an Inch above the Surface of the Plate, being, as it were, like a little Rampart or Wall, (forming at one Corner a Spout to pour the Aqua Fortis off) in fuch Sort, that placing your Plate very level, and afterwards pouring your Aqua Fortis upon it, the Water may be retained, by Means of this Border of Wax, and equally diffused all over; but before you pour it on (to prevent its foaking through, between the Wax and the Plate) dip your Pencil in your prepared Tallow, and stop the under Part neatly, on the Inside of the Wax, so that the Aqua Fortis may not corrode under it.

Having thus fecured your Plate, take double Aqua Fortis, one Part, Water, two Parts, mix them in a Glass Bottle, or Stone Mug; then pour it gently upon the Plate, fo as that it may remain all over it, the Thickness of half a Finger's

Breadth.

BRIET

Then you will see, that the Water will work, and bubble up in those stronger Hatchings, that are most firmly struck; as for those that are fainter, you will perceive them clear at first, and of the Colour of the Copper, the Water not having, on a fud90 The ART of ENGRAVING
a sudden, any other Effect than what appears
to View.

Afterwards, when you have perceived the Water operate a small Time, pour it off from the Plate into some Vessel, which is most proper to contain it, as into an earthen Mug well glazed, or the like; then throw some fair Water upon the Plate, to extinguish and wash away the Remainder of the Agua Fortis, which was upon it; then dry it by the Fire, as you have been taught before, when we discoursed of hard Varnish; as to the fost Varnish, and Aqua Fortis of the Refiners, be very careful to evaporate that Moisture, which, in the Winter Time, is commonly between the Copper and the Varnish, before you lay on your Aqua Fortis; which being done, take your Mixture of Oil and Tallow, as is mentioned in the Beginning of this Difcourse of hard Varnish, and cover those Places with it, which ought to be most tender and sweet; or Picture Varnish, mix'd with Lamp Black, as mentioned in the Operation of the hard Varnish; having covered them the first Time, lay again upon your Plate the same Aqua Fortis which you had taken away, and leave it on for half a Quarter of an Hour, or longer, according to your Discretion; then take

take off the Aqua Fortis, and cover with your Mixture the next Places, as you shall see Occasion: And if you would have your Lines or Strokes be still deeper, then cover the sweeter Part by Degrees with your Mixture, that the Aqua Fortis may lie the longer on the deeper Strokes.

Lastly, lay on the aforesaid Aqua Fortis again, and leave it on for the Space of half an Hour, or more, according to the Strength of the Water, and Nature of the Work; then take it away, and cast some fair Water upon the Plate again.

This being done, take off your Border of Wax, and heat your Plate, so that the oily Mixture, and Varnish, may thoroughly melt; then wipe it well with a Linnen Cloth, afterwards rub it all over with Olive Oil, and a Piece of old Beaver roll'd up, then touch it over again with your Graver, in those Places where it is necessary.

It is necessary to observe, that whilst the Aqua Fortis is upon your Plate, you must take a Feather, and dip it to the Bottom of the said Aqua Fortis, sweeping it along, to remove the Froth or Scum, which gathers upon your Strokes or Hatchings, whilst the Water performs its Operation; as also, to give the more Way to the Opera-

tion of the Water, and see if the Varnish be not broke up, which the Bubbling of the Water hinders you from discerning.

Take Notice also, that the Aqua Fortis of the hard Varnish, will serve excellently well, to eat into the Work made by the aforesaid soft Varnish, and that the Manner of applying the oily Mixture, is the same with that of hard Varnish, and whoever uses it may be assured, that it is much better for this Purpose, than that of the Resiners: Moreover, it is not so subject to cause the Varnish to break up, nor to many other Accidents; as being hurtful to the Sight, and Health, as that of the Resiners is; nevertheless, let every one make use of which Sort he pleases.

### SECT. XXII.

The Manner of laying a white Ground upon the hard or soft Varnish.

HERE is a Way to whiten your Varnishes upon the Plate, instead of making them black with a Candle, which is thus.

When you have applied your hard Varnish (as has been observed) upon the Plate, harden it over the Fire, without blacking it, yet in the same Manner as if it were blacked, then let the Plate cool, and having got white Cerus, put it into an earthen Dish well leaded, and a little Flanders Starch, set them over a Fire, and melt them together, making them pretty hot; that being done, take up the white Cerus, (which ought to be pretty clear) with a Brush, or great Pencil of Hog's Hair, and whiten your Varnish with it, laying it as thin and even as you can, then leave it to dry, laying the Plate flat, in some convenient Place; if by Chance in whitening it, the White be difficult to fpread, you need only put among the faid white Cerus a Drop or two of the Gall of an Ox, and mix them together in the Dish with your Brush. For the fost Varnish, you may do the same, after you have laid it upon your Plate, and extended it very even with the feathered End of your Quills: Some will fay, if they black the Plate, before the White is put upon it, when they come to grave, the Hatchings will be the more black, and confequently will appear fo much the more distinct to the Eye. But to this I anfwer:

First, When the Plate is blacked, the White will not touch it, nor must they venture to put so much Gall, for Fear of spoiling the Varnish.

Secondly,

Secondly, If the White should spread well, it will not appear otherwise than grey, by Reason of the blacking of the said Varnish, unless you lay it so thick, as

to spoil the whole Work.

The marking of your Design upon soft Varnish, is performed with the Dust of red Chalk, (as before mentioned of hard Varnish) or by rubbing the Paper well, or Design, with the Dust of black Chalk, or black Lead, when the Varnish is made white: For red Chalk is most proper for a black Ground.

When you have graved what you intend upon the foft Varnish, and are going to etch your Plate with Aqua Fortis; what you have then to do, is to take a little fair Water, something more than lukewarm, and cast it upon the said Plate: then with a soft clean Spunge, or Duck's Wing-Feathers, moisten the said white Cerus all over with it; afterwards wash the Plate, to take off the Whiting, and dry it.

Lastly, you may lay on which of the two Sorts of Aqua Fortis you please; and for the preserving of the said white Varnish, whilst you are working, you need only lay upon it a Piece of soft Linnen, or

Damask Linnen, instead of Paper.

If you choose rather to take away the said Whiting, you must take some Aqua Fortis of the Refiners, tempered with fair Water, lay it upon the Plate, dispersing it all over, which will soak and quickly eat in; after you have thrown clean fair Water upon it to take away the Whiting, let the Water dry up, which remains upon the Plate, and causes it to eat into your Work, as I said before.

#### SECT. XXIII.

Another Way to lay a White on the Varnish.

Very fine upon a Stone, with fair Water, which being done, take Gum-Water, and pour a small Quantity of it upon the Stone, and mix it with the Cerus; then take a large Pencil of Camel's Hair, and with that Pencil take it off the Stone, and spread it thin all over your Plate; and immediately after, take a larger Pencil of Camel's Hair, and with a very light and gentle Hand, pass it all over the Plate, so as to make it lie exactly even in all Parts, that the Strokes of the former Brush, may not appear, then lay your Plate very even, and let it dry.

It will be necessary to give you this Notice, that you are not to mix too much Gum with the White, nor too little; for if there be too much, it will break and crack the Varnish; if there be too little, it will easily rub off: Therefore you must be careful to use no more, than will just serve to bind the White upon the Plate. Likewise you must have a care not to lay it too thick, for if it be, you cannot work with the Neatness and Curiousness, you may otherwise.

#### SECT. XXIV.

The Manner, after the Plates are eat in by the Aqua Fortis, to touch or re-grave that which you have forgot, or which you would mend or supply.

per to shew you the Manner how to retouch many Things, according as Need may require, by the Means of Aqua Fortis; if it happens that you have made upon your Copper, any thing that does not please you, and for this Cause having covered it with your oily Mixture, that the Aqua Fortis should not perform its Operation, or that you would add any Ornaments, either

nor

either in Drapery, or any other thing which may be thought on: In this Case, take your Plate, and rub it well over with Olive Oil in those Places, where there is any thing graven, in such Manner that the Blackness and Foulness, which is like to be in the Hatchings or Strokes, may be taken away. Afterwards take out the Grease so thoroughly with Crumbs of Bread, that there may remain none, nor Filth upon the Plate, or in any of the

Strokes or Hatchings.

Then heat it over a Charcoal Fire, and spread the soft Varnish upon it, as has been faid before. What you are to take special Care of, is, that the Hatchings, which you would have remain, be filled with Varnish; which being done, black it, and then you may retouch, or add what you intend. Lastly, make your Hatchings with your Needles, according as the Manner of the Work shall require, being careful, before you put on the Aqua Fortis, to cover with your oily Mixture (as is faid before) the first graving which was upon your Plate; for if the Varnish should not have entred all over, that certainly will: Infomuch that, if there should happen in some Places of the Hatchings to be neither Mixture, F

nor Varnish, the Aqua Fortis will not fail to enter and spoil all. Having caused the Aqua Fortis to eat into your Work, take away your Varnish from your Plate, by the Means of Fire, as before said.



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### SECT. XXV.

The several Ways of drawing the Design upon the Plate.

BEFORE I speak of the Manner of managing and whetting your Graver, I think it will not be amiss to let you know the Ways that are used in drawing your Design upon the Plate; which must be of the same Bigness the Design or Print is, which you intend to copy.

Put your Plate over the Fire, and let it heat a little; then take a Piece of the whitest Virgin Wax, and spread it thin over the Plate, and with a smooth Feather gently stroke it all over, so that it may lie very even and smooth; then let

F 2

it cool. If you intend to copy a Print, and would have it to print off the fame Way when it is graved, with your Print; then you must place your Print which you would grave, with the Face or printed Side next to your Plate, waxed over as before mentioned; and having placed it very true, rub the Backfide of the Print with a Burnisher (or any Thing that is fmooth and round) and you will find, that it will stick to the Wax which is upon the Copper: When you have fo done, take off the Print, beginning at one Side or Corner, but be careful you take it not off too hastily, for by so doing, you may tear your Print or Design; and also, if you put your Wax too thick upon the Plate, it will be a Means to cause the same Inconvenience.

But if you would grave it the same Way, as your Print or Design is, then take the Dust of black Lead, or black Chalk, and rub the Backside of your Drawing or Print all over therewith, and place it with that Side blacked towards the Plate so waxed, (as before mentioned) and with your Needle, or Drawing Point, draw all the Out-lines of your Design, and you will find all those Lines upon your Plate; but if you desire to preserve the Backside of your Design from being blacked with

the Dust aforesaid; then take a fine thin Piece of white Paper of the Bigness of your Design, and instead of rubbing the Backside of your Print or Design, rub one Side of the said Paper with the Dust or Powder of black Chalk, and placing it with the Side fo blacked, next to the waxed Plate, lay the Backfide of your Design upon the Paper, and fix them both firm to your Plate at each Corner with a little Wax, then draw the Out-lines of your Defign: only note, that you must lean somewhat harder with your Needle in

Drawing.

There are other Ways used for this Purpose, which it is needless to trouble you with; only take Notice, that in Case you. desire to preserve your Design from being any Way defaced by the Marks of your Needle in drawing the Out-lines, take a fine Piece of white Paper, and having oil'd it, hold it by the Fire, fo that the Oil may fooner penetrate it; and having fo done, wipe it very dry with a Linnen Rag, and place the said Paper upon your Design, making it fast at each Corner, and you will perfectly discern your Design through the Paper; then with a black Lead well pointed, draw all the Out-lines of your Design upon the said oiled Paper, which

F 3

done,

done, place it upon the Plate in the same Manner as before.

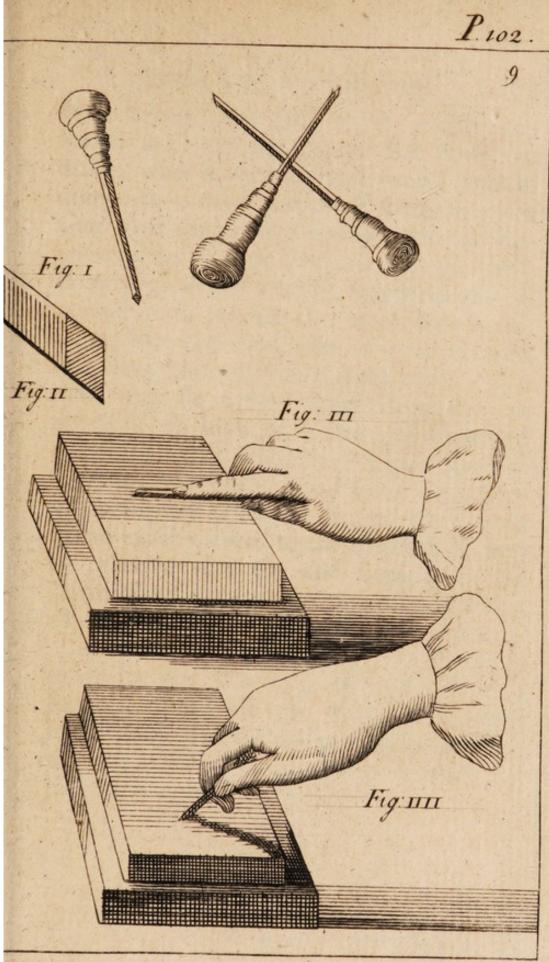
#### SECT. XXVI.

The Forms of Graving-Tools, and the Manner of whetting the Graver. Pl. 9.

HE upper Part of this Figure will shew two Sorts of Graving-Tools, the one formed Square, the other Lozenge: The Square Graver makes a broad and shallow Stroke, or Hatch; and the Lozenge makes a deep and narrower Stroke. The Use of the Square Graver, is to make the largest Strokes; and the Use of the other, is to make the more delicate and lively Strokes. But a Graver made of an indifferent Size between these two is best, and will make your Strokes, or Hatches, shew with more Life and Vigour; and yet with sufficient Force, if you manage it properly in your working. The Forms of these Gravers, you will see in the Figures 1. and II.

The IIId Figure shews you how to whet the two Sides of your Graver, which is to be done in the following Manner; you must have a very good Oil-stone smooth and slat, and having poured a little Sallad Oil thereupon, take the Graver,

and





and laying that Side of it which you intend shall cut the Copper flat upon the Stone, whet it very flat and even; and in doing this, take particular Care to place your Fore-finger very firmly upon the opposite Side of your Graver; that you may carry your Hand steadily, press equally on it, and guide it with the more Exactness: Then turn the next Side of your Graver, and whet that as you did the other; that there may be a very sharp Edge for the Space of an Inch or better; then turning uppermost that Edge which you have for whetted, and setting the End of your Graver obliquely upon the Stone, carry your Hand exactly even, to the End that it may be whetted very flat and floping, in the Form of a Lozenge, making a sharp Point to the Edge, as Figure IIII. shews you.

It is absolutely necessary, to be very exact in the Whetting of your Graver; for it is impossible you should ever work with the Neatness and Curiosity you desire, if your Graver be not very good, and

rightly whetted.

#### SECT. XXVII.

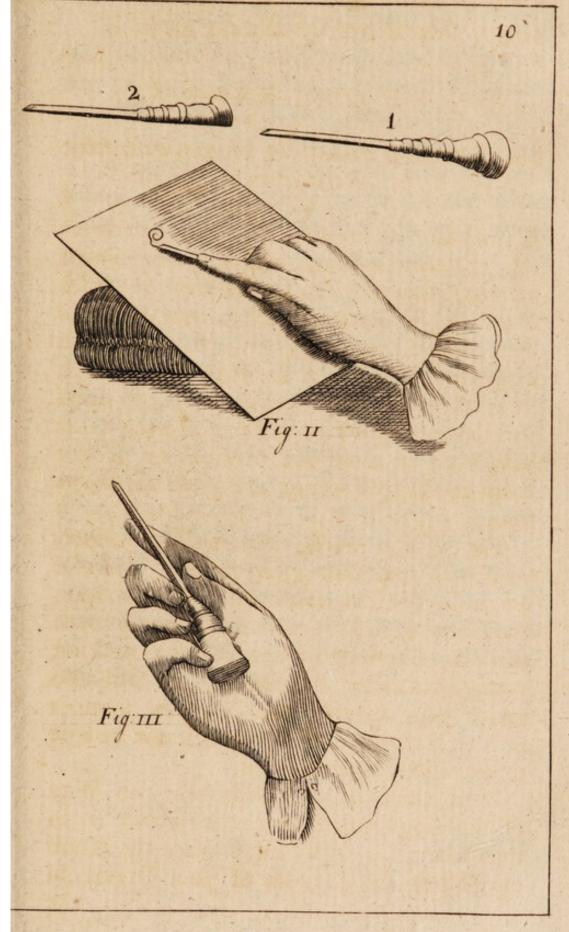
The Manner of holding the Graver, with other Particulars.

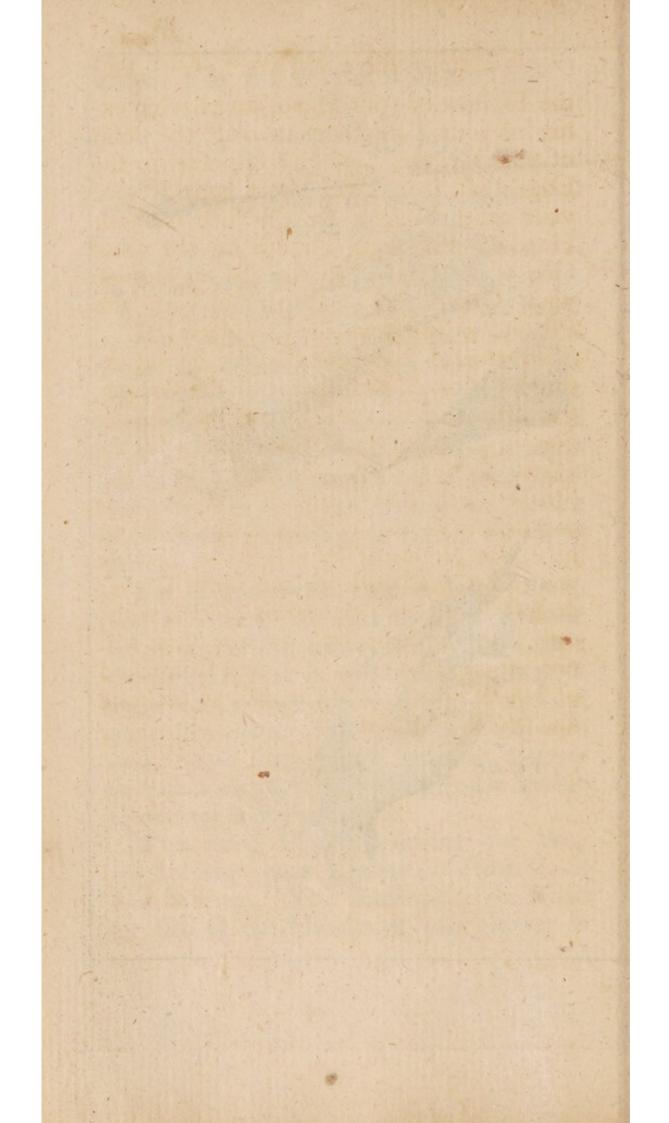
Part of this Figure describes the Form of two Gravers to you, with their Handles fitted for Whetting. They that use this Art, before they use them, commonly cut away that Part of the Knob or Bowl which is at the End of their Handles, and upon the same Line with the Edge of their Graver; that it may not obstruct or hinder them in their Graving, as Figure II. shews you.

For if you work upon a large Plate, you will find that Part of your Handle (if it be not cut away) will rest so upon the Copper, that it will hinder the smooth and even Carriage of your Hand in making your Strokes or Hatches; and will also make your Graver run into the Copper in such a manner, that you will not be able

to manage it as you would.

The third Figure describes the Way of holding your Graver; which is in this Manner. You must place the Knob or Ball of the Handle of your Graver in the





the Hollow of your Hand, and having extended your Fore-finger towards the Point of your Graver, laying it opposite to the Edge that should cut the Copper, place your other Fingers on the Side of your Handle, and your Thumb on the other Side of the Graver, so that you may guide your Graver flat and parallel with the Plate; as you may fee in Figure IIII.

Be careful that your Fingers do not interpose between the Plate and the Graver, for they will be troublesome, and hinder you in carrying your Graver level with the Plate, so that you cannot make your Strokes with that Freedom and Neatness you otherwise may. This I think fit to give you Notice of in this Place, because you must first learn to hold your Graver perfectly well, and be able to practife without Pain or Difficulty; or else you will not acquire that Readiness and Command of Hand, which is required in an accurate and skilful Engraver.

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#### SECT. XXVIII.

The Manner of governing the Hand in Graving, and other Particulars.

HAVING described the Way of holding your Graver, the next Thing is to shew you how to guide it upon the Plate, in making of your Strokes, either straight or crooked. To work with the more Ease and Convenience, you must have a strong round Leather Cushion filled with Sand, or fine Dust; let it be made about half a Foot broad in the Diameter, and three or four Inches deep; lay this upon a Table which stands fast and firm; then lay your Plate upon the Cushion, as is seen in Figure II. in the former Section.

When you make any straight Strokes, hold your Graver as directed before; and when your Strokes are to be deeper or broader in one Place than in another, where you would have them deepest, you must press your Hand hardest; but in making of a straight Stroke, be very careful to hold your Plate sirmly upon the Cushion.

When you make any crooked or winding Strokes, hold your Hand and Graver

Graver steadily, and as you work, turn your Plate against your Graver; otherwise it will be impossible for you to make any crooked or winding Strokes with that Neatness and Command of Hand, you by this Means may.

If, when you are working, your Graver happens to break the Point often, it is too hard tempered; to cure which, take a red hot Charcoal, and lay the End of your Graver upon it, and when you perceive it grow yellowish, dip it in Tallow : If your Graver become blunt without break-

ing, it is worth nothing.

It will be convenient for you to have a Piece of Box, or hard Wood, to strike the Point of your Graver into, after you have sharpened it; which will take off all the Roughness about the Point, that was caused by whetting it upon the Oil-stone. After you have graved Part of your Work, it will be necessary to scrape the Plate with the sharp Edge of another Graver, carrying it even upon it, to take off the Roughness of the Strokes; but in so doing, take heed not to make any new Scratches in your Work.

That you may the better fee what is graved, roll up close a Piece of black Felt or Castor, liquored over a

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little with Olive Oil, and rub the graved Places with it: If you perceive any Scratches in your Plate, rub them out with your Burnisher; and if you have graved any of your Strokes too deep, you may make them appear fainter by rubbing them with the same.



MEZZOTINTO,

MEZZOTINTO, called Scraping or Burnishing on Copper.

TAKE a well polished Copper Plate, and make it all over rough one Way, with a particular Engine defigned for that Purpose, then cross it over again with the same Engine, and if there is Occasion, cross it over a third Time; till it

be made rough all over alike.

When you have thus roughed the Plate, then rub Charcoal, black Chalk, or black Lead over the Plate, and draw your Defign with white Chalk on it; then take a Tracer, made of the Point of a Needle, blunted round, stuck at the End of a Piece of Cane, and trace out the Out-lines of the Defign, which you drew with the white Chalk: And where you would have the Light strike the strongest, take a Burnisher, or Scraper, and burnish that Part of the Plate as clean and fmooth as it was, when the Plate was first polished.

Where you would have the Light fainter, there you must not polish it so much; and after this Manner you must either increase or diminish the Light in your Design, by making it fainter or stronger, as the Necessity

of the Work requires.

# An IDEA of a fine Collection of Prints.

HIS Collection, which will be very numerous, may be divided into three principal Parts; the First, to contain all Historical Subjects; the Second, all the Subjects of Morality; and the Third, every Thing that concerns the Progress of the Arts of Painting, Sculpture and Engraving; to which may be added a Fourth, containing mixed Subjects.

The Historical Subjects will contain the History of the World, according to its different Ages, Monarchies and Nations; represented by many Maps, Battle-Pieces, Medals, Statues, Bass-Reliefs, Portraits and Buildings, Atchievements and Seals, Devices, Tombs, and other Monuments of

illustrious Persons.

The Moral Subjects will contain a great Number of Emblems, Enigmas and Devices, concerning the Religion, Manners and Politicks of different Nations, with Representations of the Virtues and Vices.

The Subjects of the Frogress of the Arts, will contain the different Stiles of the Arts; by comparing the antique Remains and Ruins of them, with the Works of the

Gothick

Gothick Ages, and of those Masters who have flourished within these 250 Years; in order, by that Means, to observe their Original, Increase and Decay; and lastly, their Re-establishment in the Perfection and Beauty we now fee them.

The mixed Subjects may contain Volumes of Portraits of eminent Women, Hunting-Pieces, various comical and grotesque Sub-

jects, &c.

But as these three different Sorts of Subjects deserve a more accurate Description, that the Curious may see what each Volume ought to contain, in order to form a more agreeable Symmetry between them; I will give an exact Account what each Volume should be composed of.

The first should contain what passed in the Beginning of the World, according to the Books of Moses, Genesis, Exodus, Le-

viticus, Numbers, and Deuteronomy.

The 2d ought to be a Sequel of the Sacred History, as it is found in the Books

of Joshua, Judges, Ruth, and Kings.

The 3d should contain the Remainder of the History of the Old Testament, according to the Books of Esdras, Tobit, Judith, Efther, Job, the Prophets, and the Maccabees.

The 4th may shew us an Abridgment of Nature, the Composition of the World, according

according to the Poets and ancient Heathen Philosophers; the four Elements; the Heavens, the Constellations, Planets, and fixed Stars; the Fire; the Air, Winds, and Birds; the Water; the Seas, Rivers, and Fish; the Earth, its ancient Geography; some uncommon Trees, Flowers, and other Curiosities of Nature; Time, the Hours, the Months, and Seasons; the fabulous People and Animals; Man, his Creation and Composition, his different Ages, Manners, and Senses; his Wonders, and Inventions in the Liberal and Mechanick Arts.

The 5th should contain the fabulous History of the Ancients, of Saturn and Cybele, of Jupiter and Juno, of Neptune and Amphitrite, of Galatea, and many other aquatick and marine Deities; of Pluto and Proserpine, of the infernal Deities and Torments; of Apollo and Diana; which may be confirmed by their different

Medals and Statues.

The 6th, what may serve to illustrate the fabulous History of Mars, of Vulcan and Venus, of Cupid and Psyche, of Miner-va and the Muses, of Mercury, Bacchus,

and Hercules.

The 7th, a Series of the History of the Gods, where there will be some Fables, Medals and Statues of the Demi-Deities, whose

a fine Collection of Prints. 113 whose Names, because of their great Number, I shall omit.

The 8th may contain the History of what is called the Heroick Times, the Voyage of the Argonauts, the War of Thebes, and also Ovid's Metamorphoses.

The 9th should shew the War of Troy, the Voyages of Eneas and Ulysses, with

the last Acts of the Heroick Ages.

In the 10th, there may be some Subjects of the Grecian History; the Medals, Portraits, and Statues of their illustrious Men; with some Pieces relating to Sicily, and that Part of Italy, which was anciently called the Greater Greece.

The 11th should contain some Maps and Actions of the first and second Monarchies of the Assyrians and Persians; with some other Asiatick, Ægyptian, and African Histories.

The 12th, the third Monarchy of the Macedonians, comprehending the Acts of Alexander the Great, and his Successors.

The 13th the Commencement of the fourth Monarchy of the Romans; the Reigns of their seven Kings; under Numa Pompilius may be ranged all those Pieces, which relate to the Religion, Sacrifices, Ceremonies, and Burials of the Romans; under Tullus Hostilius, every Thing that relates to their Militia; and under Tarquinius Priscus,

Priscus, whatever can give us an Idea of their Habits, Ornaments, Magnificence, and Triumphs, with the Pomp of their publick Spectacles, Feasts, and Baths.

The 14th may contain Part of the Transactions of the Roman Republick, from the Expulsion of their Kings, under their Consuls and Dictators, 'till the Time of Julius Casar; and to make this Volume compleat, there should be a Collection of Medals, and other Monuments of the ancient Roman Families.

The 15th, what we have of the Reigns of their Emperors, Julius Cafar, and Au-

gustus.

In the 16th, we may see the Manner of making War, of the Greeks, Romans, and ancient Barbarians. We may here have several Plans of the Marches of Armies, Prospects of Camps, of Battles, and the Sieges of Cities, purposely omitted in the preceding Volumes, to affemble them here together, in order to give us an Idea of the ancient Manner of making War; and at the End of this Volume, there should be a Collection of all Sorts of Shipping, ancient and modern.

The 17th will shew us the Subjects of the Birth, Life, and Miracles of our Saviour, who was born in the 42d Year of the Roman Empire, under the Reign of

Augustus;

a fine COLLECTION of PRINTS. 115
Augustus; where the Christian Æra begins.

The 18th may contain the Death and Sufferings of our Lord and Saviour; and

a Collection of Holy Parables.

The 19th, the Reigns of the Emperors Tiberius, Caligula, and Claudius; under which will be contained the History of the Infant Christian Church.

The 20th, what passed under Nero and his Successors, to the End of the Reign of Trajan; and this with Regard to both sacred and prophane History.

The 21st, the History of the Dacian War, as it is represented in the Column of

Trajan.

The 22d should comprehend the Ages, and Reigns of the Emperors, from Adrian, to the Government of Alexander, the Son of Mammæa.

The 23d, the Emperors from Alexander,

to the Time of Constantine the Great.

The 24th, the Empire of Constantine and his Children, to the End of Theodo-sius's Reign, which may be called the last Period of the Roman Grandeur; and at the End of this Volume should be placed the Ecclesiastical Geography of the Patriarchates.

The 25th should contain the Dissipation and Division of the Roman Empire, which began

began to be usurped by the barbarous Nations, in the Times of Arcadius and Honorius, and ended in the East, by the taking

of Constantinople, in the Year 1453.

The 26th, the difmal Conclusion of the Eastern Affairs in Asia, by the Conquests of Mahomet, and other Ottoman Emperors, by the Sophies of Persia, and the Kams of

Tartary.

The 27th should be a Series of the Mahometan Princes, and Ægyptian Sultans; the Cheriffs of Morocco, and Kings of Barbary, that have reigned in Africa; and afterwards there should be a Collection of Historical Pieces relating to this third Part of the Globe; the Abyssins, the Kingdoms of Congo, and feveral others.

The 28th should contain the Habits and Ornaments of the Christian Greeks, and other Subjects of the Grand Segnior; with those of the Turks and Persians; of the Tartars, and other barbarous Nations; and at the End should be a Collection of some Cruelties, Executions, and Punishments.

The 29th should be the Commencement of the Religious Orders, which were instituted in the East; and amongst others, of the Orders of St. Anthony, St. Bafil, the Cross-Bearers, the Jeromites, and the Car-

melites.

The 30th, some Historical Pieces of the Knights of Malta, who were also instituted in the East, under the Name of Knights Hospitallers of St. John of Jerusalem.

The 31st should contain the Institution of the Western Religious Orders, and particularly of those of St. Augustin, and St.

Bennet.

The 32d, the different Orders that have flourished in the East, since St. Bennet, to the Time of St. Dominick, and St. Francis; that is to say, of the Carthusians, Premonstratenses, of the Shady-Valley, the Mathurins, and of the Order of the Cistercians.

The 33d should contain the Order of the Dominicans, and some Historical Pieces of the Holy Rosary; and afterwards a Collection of the Images of the Virgin Mary, which are held in Veneration by most Roman

Catholicks.

The 34th, whatever can give us an Idea of the Life of St. Francis, and of the most remarkable male and female Saints of his three Orders; and lastly, there should be a Description of his Desert of Averne.

The 35th should be the Sequel of the Order of Saint Francis, containing some Pieces relating to the Order of the Capu-

chins. -

The 36th should contain whatever there is relating to the Orders and Religious Confraternities

Confraternities that have arisen in the Church of Rome, since St. Francis and St.

Dominick, to this present Time.

In the 37th there should be a Collection of all the Habits and Ornaments of Ecclesiastical Persons, and of all the Orders of Monks and Nuns.

The 38th should be filled with the Representations of Religious Ceremonies, and of the Magnificence of the Court of Rome.

The 39th, with the Ceremonies and Pomps practifed at the Interments of Christians, and of the ancient Pagans, and barbarous Nations.

The 40th and 41st should contain various publick Rejoicings, and Entries, Triumphs, Tournaments, Fireworks, Comedies, Dances

and Masquerades.

The 42d, the Chronological History of the Papacy, divided into Centuries, from the Time of Pope Leo the IIId, to whom Charles the Great gave the City of Rome,

to the present Pontificate.

The 43d, the Sequel of the History of the West, containing a particular Description of the modern City of Rome, its Churches, Palaces, publick Buildings, Villas, Ornaments, and the remaining Monuments of its ancient Grandeur.

The 44th, Historical Subjects relating to Italy in particular; and first of the Temporal State of the Pope, as it is now-2-days, both within, and out of Italy.

The 45th should contain the Sovereign States of Italy; and in this Volume there should be a Collection of what relates to the Republicks of Venice, Genoa, Lucca,

Ragusa, and St. Marino.

The 46th, the Sequel of Italy, containing the Dominions of the Kings of the Sicilies, and Sardinia, the Grand Duke of Tuscany, Duke of Modena, and of the House of Austria, and other Princes in Italy.

The 47th, the Historical Subjects relating to the Kingdoms and States of the

King of Spain, in Old Spain.

The 48th, those of the Kingdom of Portugal; and afterwards those concerning

the Description of both Spains.

The 49th should be a Collection of Historical Pieces, relating to the Dominions of the House of Austria, in the Low Countries.

The 50th, a Collection of those relating to the Dominions of the King of Spain in the New World; and here should be every Thing that regards America.

The 51st, the Dominions of the King of Spain in Asia; under which should be comprised

comprised what relates to the East-Indies, China, Japan, India Proper, and the rest of the Indian Princes.

The 52d should be a Collection of what concerns the Republick of the United Pro-

vinces.

The 53d, an Historical Collection of whatever regards the Kingdoms of England and Ireland, to the End of the Reign of

Queen Elizabeth.

The 54th, of what relates to the Kingdom of Scotland; and to the three Kingdoms of England, Scotland, and Ireland, fince the Union of those Crowns in the Person of King James the VIth of Scotland, and Ist of England; with a Description of this Monarchy.

The 55th, of what regards the Northern States; that is to fay, Russia, Poland, Sweden, Denmark, and other Northern

Countries.

The 56th should contain the States of the Kingdoms of Bohemia, and Hungary, the Arch-Dutchy of Austria, the County of Tirol, and other hereditary Dominions of the House of Austria.

The 57th, the Historical Subjects concerning the Emperors of Germany, from Conrad, Duke of Franconia, who transferred the Empire from the French to the

Germans, to the late Emperor.

The 58th, what relates to the nine Electors of the Empire, as well the Eccle-fiastical as the Secular.

The 59th, what relates to the other German Princes, both Ecclesiastical and Secular.

The 60th, what regards the Free Cities

of the Empire.

The 61st should contain whatever relates to the Republicks of Switzerland, Geneva, the Grisons, the Principality of Neufchatel, and the other Allies and Subjects of the Switzers.

The 62d, what concerns the Dutchies of Burgundy, Normandy, Lorrain, and Britany, before they were united to the French Monarchy.

The 63d should contain the Antiquities of the Gauls, and the Portraits of their illustrious Men, before the coming of the Franks, under their first King Pharamond.

The 64th, what regards the History of the French, during the first Race of their Kings, after their Arrival in Gaul, under the Conduct of Pharamond

The 65th, what regards the second Race of their Kings, from Pepin, to Louis the Vth.

The 66th should begin with the third Race of their Kings, and contain every Thing that relates to them, from Hugh G Capet,

Capet, to the End of the Reign of Charles the Fair; where the Right Line of the eldest Branch ended.

The 67th should contain what concerns their Kings of the third Race, from Philip

of Valois, to the Death of Louis XI.

The 68th, the Reigns of their Kings, Charles the VIII. Louis the XII. Francis the I. and Henry the II.; and as by the Marriage of Mary of Burgundy, with Maximilian, Europe has been fince divided into the two Families of Austria and Bourbon; to avoid Confusion, those Pieces relating to the foreign Wars of the French, with the Portraits of the eminent Men, who have been either their Allies or Enemies, may be put under the Reigns of their Kings.

The 69th and 70th may contain the Reigns of their Kings, Francis the II.

Charles the IX, and Henry the III.

The 71st, what relates to the Order of the Holy Ghost, which was instituted by Henry the III. and here may be the Names and Arms of all the Commanders and Knights of the Order, from its first Institution to the last Creation.

The 72d, what relates to the Reign of

Henry the IV.

The 73d may contain the Beginning of the Reign of Louis the XIII. his Portraits, show

a fine Collection of Prints. 123 those of the Queen, the Princes and Princelles of the Blood; with the Arms or Portraits of the Cardinals, Bishops, and great Officers of the Crown, and House. hold.

The 74th, the Arms and Portraits of some Ecclesiasticks, Religious, and Seculars, of all Conditions, who lived, and were engraved, during the Reign of Louis the XIII. to which may also be joined Van-Dyk's Portraits.

The 75th, some Pieces of the magnisticent Ceremonies, Rejoicings, and other Festivals, that passed in France, in the

Reign of Louis the XIII.

The 76th, what passed of the same Kind in Foreign Countries, during this Reign.

The 77th, the Pieces representing the warlike Exploits of the French Nation, from the Beginning of the Reign of Louis the XIII, to the Year 1629; when all the cautionary Towns of the Protestants were reduced to his Obedience,

The 78th, the military Actions that paffed in Europe, from the Time of Louis the XIII. to the Rupture of the Peace with

Spain, in the Year 1635.

The 79th, the military Actions, from the Treaty of Peace at Treves, to the Death of Louis the XIII.

The 80th may contain the Habits and Ornaments of the ancient and modern French, from the first Establishment of that Monarchy, to the present Time; to which may be added, those of the conquered Provinces, with the Cries of Paris, Callot's Beggars, and the Country Sports and Paftimes of the French.

The 8.1st, a Series of the military Actions during the Reign of Louis the XIV. the Regency of the Duke of Orleans, and the Reign of Louis the XV. now living.

The 82d, a Series of the magnificent Ceremonies, Festivals, publick Rejoicings, Fireworks, &c. during the same Time.

The 83d should be a Geographical Description of the French Monarchy, as it is now divided into Provinces, Parliaments, Governments, Generalities, Dioceses, and Sub-divisions; to which should be added, Charts of the Coasts, Plans, or Profils of the fortified Towns and Fortresses, of the principal Churches, and publick Buildings, and of the Royal Palaces, with those of the Princes of the Blood, Nobility, and Gentry.

The 84th should contain Maps of the States and Provinces, with Plans or Profils of the principal Towns and Fortresses, which have been added to the French Mo-

narchy,

a fine Collection of Prints. 125 narchy, from the Beginning of the Reign of Louis the XIII. to the present Time.

The 85th, the Portraits of all the eminent Men in the Kingdom of France, either for Arts or Arms, fince the Reign of Louis the XIII. to the present Time; to which may be added, those of Flanders,

and other Countries.

The 86th may be composed of the Portraits of those People, who ought to be avoided; fuch as, the Authors of different Sects, of Men noted for Impiety or Libertinism, &c. to which may be added the Representations of Monsters.

The 87th may be composed of the Portraits of Saints and Martyrs, and those of their Persecutors, with Representations of the various Tortures that have been inflicted on them, from the Beginning of the

World to this Time.

The Pieces which will illustrate the Arts of Painting, Sculpture, and Engraving, will

also compose many Volumes.

The 1st of which may contain the Original of the Art of Painting, in the Ægyptian Hieroglyphicks, the Alphabets of different Nations, some Bas-Reliefs, Trophies, Rings, Cameos, Vases, Urns, Ornaments of Architecture, and ancient Inscriptions and Epitaphs.

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The 2d, some Pieces relating to the ancient Hebrews, with a Collection of Festi-

vals, Medals, and antique Statues.

The 3d may contain the two Books of the Marquis Justiniani's Gallery, which are full of antique Pieces; and the Trajan Column, which is the most entire Piece of

Antiquity extant.

The 4th may shew us the Decay of Painting and Sculpture, during 1100 Years that the Empire was on the Decline; from Constantine, to the End of the afteenth Century; and should be composed of a great Number of Pieces in the Grecian, Ægyptian, and Gothick Stiles, taken from the old Paintings, Tombs, Medals, Seals, and Tapestry.

The 5th may be the Books, intitled, Roma Subterranea, filled with Pieces, in the Decline of the Empire, of the Gothick Stile.

The 6th should be the Sequel of the Decay of the Arts, with feveral Pieces from wooden Plates, which shew us the Rudeness of their Designs, since the Invention of

Printing.

The 7th may be the Original of the Art of Engraving, about the Year 1490; containing many Pieces of the first and most ancient Engravers; as of Israel, and Martin Tedesco, the Master of Albert Durer; of Daniel and Jerom Hopfer, and several others.

The 8th, the Works of Albert Durer, the Restorer of Painting, and great Perfecter of Engraving in Germany and the Low-Countries, about the Year 1520.

The 9th, a Sequel for the Works of the German and Low-Country Masters, contain-

ing some Pieces of Lucas of Leyden.

The 10th may be filled with Pieces engraven on Wood, done in Germany, since 1500, to this Time, as well by Lucas Cranis, Jacob Pens, Holbeins, Hans Schauf-

flig, as others.

The 11th may be a Series for Germany and the Low-Countries, containing some Pieces of those, which are called the Lesser Masters; that is to say, of George Pentz, Aldegraef, Subalde, John D'hispanien, his Brother, of Virgilius Solis, and others, whose Names and Marks are unknown.

The 12th should be composed of the Works of Francis Floris, who is called the Flemish Raphael, and those of Martin

Hemskirk.

The 13th should be a Sequel for Germany and the Low-Countries, containing some Pieces of Lambert Suave, Lambert Lombard, of Peter Brughel, John Mabuse, M. Quintin, George Behan, Gilles Massart, and Gilles Coignet, of Otho Venius, Cornelius G4

Cort, and Theodore Bernard of Amsterdam, of Francis Klein, a Dane, and of John Strada.

The 14th should be still a Sequel for Germany and the Low-Countries, containing some Pieces of Charles Mander, and Francis Pourbus, of Diterlin, and Lambert Lenoir, H. Utouch, Denis Calvaert, Abrabam Janssens, of Paul Morelser, Nicholas Hoey, Geldorp, Goltzius, Josua of Monpre, John Hæfnaghel, Gerard of Groningben, Cornelius Vansichem, John Bol, David Van Boons, and Peter Vander-Borcht.

The 15th should contain some of the Works of Henry Hubart, and James Julius

Goltzius.

The 16th should be the Works of William and Crispin de Pas, of Magdalen and Barbara de Pas, and of feveral others of that Name.

The 17th should be still a Suite for Germany and the Low-Countries, comprising some of the Works of Nicholas de Bruyn, of Theodore de Bry, and of James de Ghein.

The 18th should comprehend the Works of John, Raphael, Justus, and Gilles Sadalaer, and also those of Martin de Vos.

The 19th should be still a Suite for Germany and the Low-Countries, and contain some Pieces of Anthony and Jerom Wierx,

of Lucas Vosterman, Valdor, John Saenredam, of John and Herman Muller, James Mathan, Simon Phrygius, Bartholomew Dolende, of Mirevelt, and the Bolfwert's, of Michael Snyders, Baptist Urintz, Hans Bol, Peter and Gerard de Sode, of Assuerus Lon-

derseel, and of Adrian Collaert.

The 20th should be another Suite of Masters that sourished in Germany and the Low-Countries, in the Beginning of the 17th Century; viz. of Joseph Heintz, John of Vingth, John Abhach, John Rottenbamer, of M. Kager, Peter Candide, and Dominick Custos, of Christopher Schwarts John Speccard, and Gerard Segbers, of Bartholomew Spranghers, Abraham Bloemaert, Anthony Van Dyck, of Abraham Brower, Gerard Hontborst, James Jordaens, and of Robert Prince Palatine.

The 21st should be the Works of Sir Peter Paul Rubens, a famous Painter of the Low-Countries.

I would fill the 22d with the Representations of Night, and other dark, gloomy. Pieces of various Masters of all Nations; as of L. Gouth, J. Velde, Wittembrouck, Rembrant, Vanvliet, and others.

The 23d should be a Collection of divers Landskips, done by Masters of diffe, rent Nations, that is to fay, of Paul and Matthew Bril, of the Sadalaers, Peter Ste-

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phano, Cornelius Corneli, Roeland Savery, of Monperche, Claude of Lorrain, of Fouquieres, Perelles, of Frederick Scalberge, Som, and the Nains, and feveral others; to which may be added the Pieces of Ruins, of Henry of Cleves, Michael Colyns, and Newland; with some Sea-Pieces, and maritime Prospects.

The 24th should be still another Suite of different Landskips, viz. by Peter and John Brughel, Londer seel, J. Velde, Tobit Verdach, Vandeboons, Merian, and others.

The 25th, in order to see the Re-establishment of the Arts of Sculpture and Engraving, should contain some Pieces of the first Painters and Engravers, as of Anthony Pollarolo, Andrew and Beneditt Mantegna, of Dominick Campagnola, John of Bressia, and James of Verona; as also of several ancient Engravers, whose Pieces are only known by their Marks; as the Masters of the Name of Jesus, Mercury, the Crab-Fish, the Bird, the Star, and several others; to which I would also add, some Pieces of the first Italian Painters; as of Giotto, Ghirlandaio, of Hercules of Ferrara, of Peter of Perugia, the Master of Rabael, and of Giorgione, the Master of Titian.

The 26th should be a Suite of the Italian Masters, containing only some of the Works a fine COLLECTION of PRINTS. 131 Works of Raphael of Úrbin; and those engraven only by Mark Antonio, and Augustin of Venice.

The 27th, a Suite of the Works of Raphael, engraved by the ancient Masters, from 1530, to 1560; that is to say, by Julius Bonassone, Sylvester and Mark of Ravenna, Beaitrix of Lorrain, and others.

The 28th should contain some Pieces of

Michael Angelo.

The 29th should be another Suite of the Works of the Italian Masters, containing some Pieces of Anthony of Corregio, Francis Matzuolo, sirnamed Parmigiano, and Polydore of Caravagio.

The 30th, the Works of Titian.

The 31st should contain the Works of Julio Romano, the Caracci, and Perin del Vaga, engraved by John B. of Mantua, and Diana, his Daughter; as also by Theodore Ghis, and George Julius of Mantua.

The 32d should be composed of the Works of the Painters and Sculptors, that were Contemporaries of Raphael and Michael Angelo, to the End of the 16th Century, viz of Baccio Bandinello, the Salviati, of Balthazar Peruzzi, Dominico Beccasumi, of Sodam of Sienna, Pordenone, Marcellus Venusto, and Baptist, a Monk of the Order of Camaldoli.

G 6

The 33d should contain some Pieces of Thaddeus and Frederick Zucchero, of Daniel of Volaterra, Mark of Sienna, and Baptist Del Moro.

The 34th, some Pieces of Paul of Verona, Paul Farinate, the Bassans, of Tintoret, Baptist Franco, of Mutiano, and the

elder and younger Palma.

The 35th, some Pieces of those, who shourished between the Year 1550, and the End of the 16th Century, viz. of Æneas Vico, Martin Rota, and Reverdino, of Camillo Proccacini, Baptist Fontana, of Cornelius Cort, Passaro, and Sebastian of Venice.

The 36th, a Suite of the Works of the Italian Engravers, who flourished towards the latter End of the Sixteenth, and the Beginning of the Seventeenth Century; that is to say, of Cherubino Alberto, Villamena, of Raphael Schiaminosa, and the Tomasini.

The 37th should contain the Pieces of Francis Vanius, Ventura, Salembeni, of Civoli, Michael Angelo, Caravagio, and the

three Caracci.

The 38th should be a Suite of the Works of the Italian Painters of the seventeenth Century, viz. of the Capuchin Friars, Piazzo, and Cosmo of Castel Franco, of Hippolitus, Scarzelin, of Schiavone, Cangiage, Borgian,

Borgian, Charles of Venice, Pasqualin of Verona, Alexander Casolani, Bernard Castello, Vespasian Strada, Anastasius Fontebuono, Francis of Viterbo, Luke Ciamberlani, Andrew of Ancona, of Anthony Pomerange, of Matthew and Frederick Greuter, of Philip

of Naples, and Stephen della Bella.

The 39th, a Suite also of the Works of the Painters and Sculptors, that flourished in Italy, during the seventeenth Century; that is to fay, of Cavalier Josepino, Guercino, Cirano, Francis the Fleming, and Marcel of Provence, the Restorer of Mosaick Painting, of Gentilèque, Valentin, Edward Fialetti, of Peter Beretino of Cortona, Dominichino, and Guido Reni.

The 40th should be to shew the Re-establishment of Painting in France, and contain some Pieces of René, King of Sicily, of Leonard da Vinci, Andrew del

Sarto, and Rosso.

The 41st should be a Suite of some of Primaticcio's Works, engraved by Leo of Avesnes, and Anthony Jantus, his Engra-vers; as also some Pieces of Jeffery of Moutiers, Leonard of Limoges, Stephen of Losne, René Boivin, Luke Penis, Dominick of Florence, and Leonard Thury.

The 42d may be filled with the Works of John Cousin, John Genet, of Swiss, of Little Bernard, Peter of La Tour, Laurence

the Glazier, Justus of Egmont, and of several others, engraved in France, fince the Commencement of the fixteenth Century.

The 43d should contain some Pieces of those Masters, who slourished at the latter End of the fixteenth Century, and during the Reign of Henry the IV. and Mary of Medicis, viz. of Freminet du Breuil, Burnet, Caron, du Bois, Lallemand, Thomas de

Leu, Leonard Gualtier, and others.

The 44th, the Works of those Masters, who flourished about the Middle of the feventeenth Century, that is to fay, of James Blanchard, de Rabel, Ferdinand, Isaias Fournier, John Lis, Faber and Mallerac, of Ruelle, Bellange, and James Callot.

The 45th should also be composed of the Works of James L'homme, of Little Francis, Vanmol, Mellin, Quesnel, St. Igny,

Josselin, Roussellet, and Peter Brebiette.

The 46th may be filled with the Works of the best French Engravers, viz. of Claudius Mellan, Gregor Huret, Peter Daret, Gilles Rouffellet, Michael Lasne, and many others.

The 47th, with the Works of the most eminent French Painters, that is to fay, of Simon Vouet, Nicholas Pouffin, James Stella, Champagne, fourdon, de la Hire, Vignon, Loir, Charles le Brun, and Peter Mignard, engraved by the best Masters.

The 48th, I would fill with the finest Pieces of the most celebrated Engravers of

the feventeenth Century.

The 49th, 50th, &c. may contain a Collection of Pieces of different Masters of all Nations, who have either been omitted or forgotten in the preceding Volumes, or have flourished since the End of the seventeenth Century; as well as of others now living, whose Names I shall not specify, having an equal Veneration for them all.

The Subjects of Morality will also form several Volumes, viz.

The 1st may contain some Emblems of

the Christian Worship.

The 2d may be the Representations of the Virtues and the Vices, with their Symbols.

The 3d may contain a Collection of different Emblems, Fables and Enigmas.

The 4th, a Collection of the Devices of Popes, Kings, Prelates, Princes, Noblemen, and others.

And lastly, the 5th may be composed of a Collection of Historical Emblems, Devices and Enigmas, relating to Love and Death.

The Mined Subjects will also compose fome Volumes, viz.

The first may be a Collection of the remarkable Women, mentioned in the Old and New Testaments.

The 2d of Holy Virgins, Martyrs, Fe-

male Saints, beatified Nuns, &c.

The 3d and 4th may also be Collections of Christian Empresses, Queens, and illustrious Women of different Nations.

The 5th may be the Representations of Roman Ladies, taken from the antique

Statues, Bustos, Bas-Reliefs, &c.

The 6th may contain a Collection of the Goddesses of the ancient Pagans; with some illustrious Ægyptian, Grecian, Afiatick, Persian, and Mahometan Ladies.

The 7th may be filled with the Portraits of Women, both ancient and modern, who were either imperfect, mad, or Prosti-

tutes.

The 8th may comprehend a Collection of all Sorts of Hunting, Fishing, and Fowling Pieces; to which may be added, a Collection of all the Animals that are treated of in the aforesaid Pieces.

And lastly, the ninth may be filled with a Number cf all Sorts of humorous and grotesque Pieces; to which may be added, a Collection of all Sorts of Masquerades.



### REPERTORIUM

Sculptile-Typicum:

OR, A

Complete Collection and Explanation
Of the Several

Marks and Cyphers

OF

ENGRAVERS, &c.

1. Korks

HANS Schauflig, that is, John Schauflig of Nordlingen in Germany. We find this Mark in a Folio Book, in which the Passion, Resurrection, and Afcension

cension of our Lord are engraved, with Notes by Ulderic Pinder, printed at Norimberg in 1507. He engraved in the Manner of Albert Durer.

2. Stoltzius, he engraved in the Gothick Taste.

3. Michael Coxis, his Mark of certain Arabian Stories in 68 Plates, dated different Years, one is in 1576.

4. 1000 Noel Garnire, Engraver of Grotesques, Ornaments, and Figures, particulary of Arts in 48 Pieces.

5. CAP Domenico Campagnola, a Venetian, and Scholar to Titian; we meet with some of his Pieces engraved in 1518. His Brother Julio was also an Engraver.

6. Michael

6. B Michael le Blon, of Frankfort, died in Amsterdam, Anno 1650.

7. Renè Boivin, engraved several Plates of antient Foliages.

8. My John Maria da Brescia, a Carmelite Friar, in 1502 he engraved a Virgin sitting in the Clouds, and underneath, three Saints of the Order of the Carmelites. He had a Brother called John Anthony da Brescia, who marked his Plates, with the Letters Jo. AN. BX. 1538.

9. A Micarino, an Engraver in the Gotbick Manner.

10. M3

Matthew Zagel, engraved feveral Ornaments, and Grotesque Pieces, per lo traverso, or with Cross Strokes; he lived in 1500.

11. Gaspar

or Ravenstein; his Pieces are lascivious, and two of them represent Curtezans sporting together.

Dirich-Vander-Staren, lived in 1500. He marked his Plates with the Month and Year in which they were engraved; as in that of the Flood, and another where the Virgin is aloft, and St. Bernard at her Feet; marked 3d Ost. 1524, and the other marked Anno 1544. He likewife used the Letter D in which was a V.

13. F. ROM Hieronymus Mocetus, he published the Resurrection of our Saviour, and several Battles.

Anthony Vuormace, a Painter of Cologn, lived Anno 1529. He engraved the Twelve Apostles, in a standing Posture.

15. Vuaer

15. INH Vuaer Van Hossanen, engraved 12 Round Plates of the Passion, and underneath various Symbols of our Saviour. He likewise engraved the Life of Christ in 60 Plates.

with this Mark marked on S. Chriofastnus.

17. Cornelius Sichen, used these two Marks in 108 Plates of the Old Testament, 1569.

An unknown Mark on several Grotesque Pieces. This Mark differs very little from Number 55, which is also unknown.

Virgilio Sole engraved a great many Pieces in Copper and Wood, in Hisbin's Taste. He engraved the Old and New Testaments in 200 Plates; the Metamorphoses of Ovid in 170 small Plates;

## 442 MARKS and CYPHERS

Plates; Hunting-Pieces in great and small, &c. He sometimes made the Letter V on one Side of the Plate, and S on the other. See Number 61.

A. D. Bruin, in 1560. He engraved Six of the Twelve Cafars, and various Ovals in 1579.

Lambreckt Hopfer, a German, engraved all kinds of Subjects: Sometimes his Mark is a Vase of Flowers in the midst of the Letters LH, or the perpendicular Stroke of the L in the second Stroke of the H. He engraved 27 Pieces on the Passion.

22. ICASITE Adrian Collacti, he used various Marks, either in the Old Testament, in Ornaments, in Freezes, Stories, Grotesque Subjects, or Deaths which are dragging away several Persons.

Places.

23. Cormet made this Mark in Small Subjects of two Figures each, both Lame, and a Charity with her three Children.

24. NE Martin Hemskirk, his Mark in various Ornaments, in one of which are several Moles or Wants, 1548.

25. These two Marks are in various Figures between Niches and Architecture of Chappels.

Luke Van Cranogio, or Luke Van Craen, Painter to the Duke of Savey. His Mark is sometimes L C, with a winged Dragon, and the Year 1509. At other times his Mark is two little Gothick Shields, or with the Mark in Number 35, or L. V. C. He engraved in Wood and Copper.

144 MARKS and CYPHERS

27. A Mark placed over feveral Ornaments of Gotbick Architecture.

## 28. ABD or BB or BB

Nicholas de Bruyn, he used three Marks, in different Times.

29. Cuerenhert, his Mark in several Turkish Stories, and various Subjects invented by Martin Hemskirk.

Albert Durer, of Norimberg, Painter and Engraver, his Mark: He also used the Mark A. F. but in very sew Plates. John Burckmayr Augustano made use of the former Mark; and Matthew Grunevald, of Aschaffemburgh, who was Contemporary with Durer; as also Mark Antonio Raimondi, in the Life of Christ, copied from that of Albert Durer, for which the latter accused him before the Senate of Venice.

of Norimberg, called Hisbin: He used this Mark from 1513 to 1549. Hans (or John) Sebald Beham also used the same Mark in his Plates. Some are of Opinion, that the Mark at Number 141 is Hisbin's Mark. Others, that there were two Engravers of the same Name, and that their Marks differ'd by changing B in P. See in the Abcedario Pittorico for Hans Sebald, Page 220.

32. Ist Albert Aldegraft, of West-phalia, a famous Engraver.

33. IGB

Hans Brefanck, engraved the Stories of the New Testament; and in 1619, the Twelve Apostles, our Saviour, and St. Paul.

24. De Lucas Van Leyden, a celebrated Painter and Engraver, used these two Marks; in some of his Plates we see Part of the Mark at Number 133.

35. Hans Kaldung's Mark, which also was used by Luke Van Cranogio, but for what Reason is not known. See Number 26.

Hans Baldung, or Balduin, in a Plate representing Horses, engraved in 1534. The same Mark was used by Hans Brosamer, in his Plates of Curtius riding into the Gulph, in his Laocoon, and Solomon worshiping the Idol. Horatio Borgiano likewise made use of the same Mark in his Plates, and sometimes made an H and a B.

37. NB fuch a Mark.

Fost Ammon, made much

38. cmr

Cornelius Hevissen.

39. Martin de Secu, of Romersiolaen; he also marked his Plates thus, M + S.

Periecouter, his Mark in several Figures in a standing Posture, engraved in 1535.

41. Daniel Mignot fecit.

42. Peter Mercand.

43. Ror Peter Quast, has two Marks, making a P and Q. At other Times his Mark was P. Quast, as in certain Grotesque Pieces.

George Pens, Painter and Engraver of Norimberg, together with Mark Antonio Raimondi, engraved the Works of Raphael in Rome. He engraved after Aldegraft's Manner, his Mark was sometimes G. P. 1554.

H 3

45. The

The Mark on a Dead Christ, under which is written Jean Lades-peldrickt invenit. The same Mark is found on other Pieces.

46. Peter Cottart, an Engraver of Vases.

dreani of Mantua, he made use of these two Marks. He engraved on Wood, a tre tagli, or three Crossings in his Shades. The second Mark is found in the Triumph of Julius Casar in 10 Sheets, engraved in 1599, and was invented by Andrew Mantegna, who also engraved on Copper. Andrew Andreani was called il Piccolo Alberto, or Little Albert.



49. The Mark of certain Prints of Satyrs, and naked Figures under Trees.

50. A Mark under certain Pieces of Foliages and others, in the Arabic Taste, 1535.

51. A Mark under a Christ supported by two Angels, 1555.

52. 191 A Mark under certain Anatomical Figures.

53. Peter Voeriot of Lorrain, Engraver of Portraits.

54. Nor Boss, or Bosche, used these two Marks, different from Cornelius Boss.

H 3

- A Mark on the Twelve Apostles in a standing Posture, in large Sheets. This Mark differs but very little from Number 18.
- 56. HES A Gotbick Mark under Lazarus rifing from the Dead.
- Agostino Parisino, used this Mark. He engraved the 81 Images defigned by Florio Macchi, which are found in a Book, intitled, The Emblems of Paul Macchi.
- 58. Si Hans Lutensach, who in 1560 engraved in a Book for the Nuptials of the Emperor Ferdinand, Tilts, Tournaments, and Rejoicings, in Callot's Manner.
- A Mark under several Landskips, in one of which is a Man on Horseback killing a Dragon; 'tis also found under some little Pieces in which Christ's

of ENGRAVERS, &c. 151 Christ's Passion is engraved. See Number 154.

60. ST John Schorel's Mark under the Twelve different Labours of Hercules.

61. Virgilio Sole, of Brussels, under a dead Christ, engraved on a large Plate in 1542. See Number 19.

The Mark found in an Old Testament in 50 Sheets, some of which are marked S. F. 'T is likewise found in 105 Plates of the Roman Wars, and in 129 on different Subjects, with Latin Characters at Top and Bottom. This Artist likewise used the Mark I. A.

63. HS A Gotbick Mark.

64. The Mark on a Print representing a Satyr piercing a Priestess of Bacchus with an Arrow.

H 4 65. Theodore

Theodore Zaghel, his Mark in a Woman with her Back towards you.

66. 7 A Mark in an Adam and

A Mark in a Peafant, who endeavours to break a Bough from a Tree.

A Mark under the Four Evangelists.

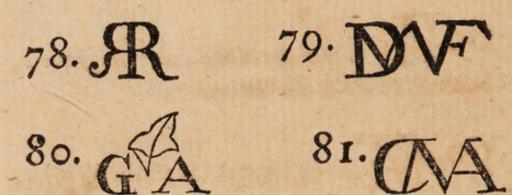
69. Renè, or Renato Lochon, under several Portraits and Works of Polidore, 1651.

Leonard Gaultier.

- 71. Peter Lombardi, he engraved the Works of Monsieur Sampagna.
- 72. Fr John Covay, engraved the Works of Mr. Vovet, and others.
- 73. Francis Cauveau, engraved a great many Plates.
- 74. P)

  Peter Daret, engraved various

  Subjects and Portraits.
- 75. M. Michael l' Asne, engraved the Rudiments of Designing, and other Plates.
- 76. Francis Perier, Painter and Engraver, published several Roman Antiquities 1635, as in the Index of Ross's Plates.
- 77. A Mark in certain Gothick Pieces dated 1545.
  H 5 78,





83. J. F. Zabello, a famous Defigner of Bergamo, 1546.



The Marks, or Characters, from Number 78 to 88, are found in certain Gotbick Plates.

89. Gacinto Giminiani, of Pistoja, Scholar to Peter da Cortona.

The Mark of a certain Merchant, who bought a great Number of Copper Plates, under which he sometimes put the Letters A. S. excudit. Anthony Salamanca likewise made use of the same Mark.

Marks are in Twelve Pieces copied from the Paintings in the Chappel of Fontainbleau; on one Side is the first Mark, signifying S. Martin of Bologna, who was Francesco Primaticcio, called Abbot of S. Martin's; on the other is the second Mark, which stands for Anthony Guernier the Engraver. The Reader will hereaster meet with the other Marks used by Abbot Primaticcio.

92. St. Adamo, a Sculptor of Mantua, engraved the Angles of Michael Angelo Buonaroti, in several Plates, and worked for other Masters.

- 156 MARKS and CYPHERS
- 93. GIVH OF M These two Marks were used by Giorgio Ghisi, of Mantua; he sometimes put Ghisi-Mantovan fecit.
- 94. Stephen Colbenstagh Sc. Romæ; he engraved the Paintings of Domenichino.
- 95. B. Gio. Benedetto Castiglioni, of Genoa, a famous Painter and Engraver of all Subjects.
- 96. Por P Peter Testa, of Lucca, a Painter and copious Engraver, used these two Marks. He was Scholar to Peter da Cortona.
- 97. The Mark of a Nativity, copied from Parmigiano, engraved by Luke Kilian.
- 98. Mortin Andrew Mantegna, of Mantua, or Padua, Painter and

and Engraver, his Marks: The fecond Mark is found in the 10 Plates of the Triumph of Julius Casar, engraved by himself, and afterwards cut in Wood in 1599, by Andrew Andreani of Mantua, as we obferved in Number 47.

Mark Antonio Raimondi, of Bologna, called of France, Raphael Urbin's Engraver, his Marks; which Pieces he marked with the Letters R. S. M. F. intimating by the two first Letters, Raphael Sancio, by the two last Marco Francia, or Marco fecit. He likewife employed other Marks, i. e. B. S. signifying Bononiensis Sculptor. In his Plates copied from Buonaroti he put MI. AG. FLO. i. e. Michael Angelus Florentinus; and afterwards for his own Mark he employed that of Mantegna, expressed in Number 98, which in like manner may also fignify Marcus Antonius fecit. In the Life of Christ engraved by him, and copied from the Plates of Albert Durer, of Venice, he marked the Leaves with Albert Durer's Mark.

Silvestro da Ravenna,
Mark Antonio's Scholar and Imitator, from
1535 to 1560. He employed himself
wholly in engraving the Pieces of Raphael
and Julio Romano.

these Marks is of Bernardo Castelli, a Genoese Painter and Inventor. The second of Camillo Congio, an Engraver, whose Mark was also C. C. fecit.

103. Lewis Valesio, of Bologna, Painter and Engraver; his Mark was also VAL.

104. Raphael

Raphael Scaminossi, Painter and Engraver.

105. FF Odoardo Fialetti fecit. He was a Painter and Engraver of Bologna.

106. Lor R Two different Marks used by Salvator Rosa, a Neapolitan Painter and Engraver.

107. MH A Mark under a St. Sebastian engraved by Michael of Lucca, after the Manner of Michelagnolesco, 1550; and we find the same Mark in a Madona of Raphael, and after it, ERRY. exc.

Bernard Passero, an Engraver of all Subjects.

109. Martin

109. Martin Rota Sabinense, fometimes marked with these Words, Sabenzanus fecit.

Luca Penni Romano, or Luca P. R. was Raphael Urbin's Scholar, and Brother to Fattorino; he invented very beautiful Subjects, which were engraved by Giorgio Ghisi of Mantua in 1556.

III. Henry Goltzius: This celebrated Dutch Engraver imitated the Manner of feveral Masters who lived before him. He engraved Raphael's Paintings, and those of other Masters.

II2. James Grand' Homme, engraved the Portraits of the Herefiarchs, and others after Rembrandt's Manner; at other times he marked thus, J. G. Van Uliet.

Cornelius Berghem, or Berchen, is something like the Mark 102.

114. The

The Mark of Albert Flamen in certain Plates of Birds, Beafts, and Fishes. Alexander Badiali, a Painter and Engraver of Bologna; and Anthony Boss, a Native of France, likewise used this Mark.

Two Marks of Peter Vander Nelpe, an Engraver of all Subjects.

II6. Theodore Van Tulden, likewise an Engraver of all kinds of Subjects.

II7. Francis Villamena, of Asfifi, an excellent and expeditious Engraver. He likewise used the following Letters, F. V. F. or F. Villam. F.

David Van Boons, Inv. and after this Mark we read Oons; his Plates were engraved by P. Servator Sc. 119. 1 G.

Vosterman, Painter and Engraver of Antwerp, was advised by Peter Paul Rubens to apply himself to engraving; he engraved the Works of the said Rubens, as also those of Raphael, and Vandyck.

I 2 I. Sor The Marks of Hans Saenredam, a Dutchman: He died in 1607.

I 22. 161 James de Ghein excudit, at Charles Mander's 1608.

The Mark of Adam

Alsheimer, who worked with Peter Breugbel.

124. The

The Mark in certain Landskips of Henry Cliven or de Clef. Martin de Clef also made use of this Mark.

This Mark is of Schelde a Bolfwaert, and was used by him when he had not a mind to subscribe his own Name.

Rembrandt; at other times he used to put Van Rhin inv. He was a Painter and Engraver.

Near this Mark we read Olyn. and these are Landskips engraved by J. Van-Velde.

A Mark in certain Landskips and Solitudes, signifying Anthony Van Vuaterl Inventor; 'tis sometimes joined with the first of the three Marks that follow next, i. e. H. S. P. made in one.

129: Joseph

## 129. FPor Aborca

Joseph Ribera, called Spagnoletto, used these three Marks at different Times.

- The Mark of a Virgin engraved by Cornelius Boss, and underneath Michael Ange: inv. that is Buonaroti. See Numbers 48 and 54.
- I 3 I. The Mark of a Virgin Sitting, after the Manner of Durer, and underneath 1510.
- This Mark is under a small Virgin standing on a Half-Moon.
- der a S. Veronica, holding the Holy Handkerchief. The former Part of this Mark is feen in some Plates of Lucas Van Leyden.
- Parma, Engraver and Painter.

  135. Agostino,

Agostino, a Venetian, Scholar to Mark Antonio Raimondi, engraved at Rome, the Paintings of Raphael, Julio Romano, and others. He also marked with the Letters A. V. I. or A. V. 1525.

Bella, of Florence, a famous and whimsical Engraver. His other Mark is S. B.

137. Julio Cesare Venenti, an Engraver of Bologna.

of Bologna, a famous and fantastical Engraver of all kinds of Subjects.

139. Andrea Salmincio, of Bologna, an Engraver, and Valesio's Scholar.

140.1 Domenico Beccafumi Siennese, a Painter and Engraver: We also find this Mark in certain Wooden Cuts, copied from Titian's Paintings. He died in 1549.

141. SP See Number 31, where we find pretty near the same Mark.

142. H Francis de Poilly, engraved for feveral Masters.

Anthony Salamanca, or Ant. Sal. exc. 1543.

144. CH The Mark of Herman Coblent under the Four Evangelists and other Plates; one of David, of Judith, and Lucretia; and afterwards Adrianus Hubertus exc. 1576.

Raphael Urbin, a celebrated Painter and Inventor, whose Pieces were

of ENGRAVERS, &c. 167 were engraved by the greatest Masters. In the present Mark he gives the Initials of his Name and Sirname. See Number 99.

146. FCT Hans Liefrinck, who thus marked certain Plates representing Birds and Hunting-Pieces, with Ornaments.

Domenico Barriera, of Florence, who going commonly by the Name of Domenico Fiorentino, marked some Plates D. F. 1647. The same Mark was used by Domenico Bonavera, an Engraver of Bologna, and Domenico Bettini a Painter, in his Pieces of Flowers and Animals.

148. The Anthony Tempesta, of Florence, a samous Engraver: His Mark was sometimes a T. with an E. joined to the Leg of the T.

149. TNI Nicolas Beatrici Lotharingius fecit.

- I 50. Theodore Cruger, or Greuger, Engraver.
- ISI. Andreas Vande-Venne pinxit. VV. Delft. Sc. that is, Willielmus Delft Sculpsit.
- 152. Henry Van Cliven, or Clivense, or de Clef, a Painter of Antwerp, who died in 1589. See Number 124.
- 153. Matthew Grunewald, sirnamed of Aschaffemburg, Painter and Engraver after the Manner of Albert Durer; he died in 1510.
- The Mark of several little Plates, representing our Saviour's Mysteries, engraved either by Agnes Freij, Albert Durer's Wise, or some Scholar of his.

155. (BI Gio. or (John) Batista Gallestrucci, of Florence, Engraver, inserted in the Catalogue of Roman Painters, in the Year 1652. He engraved several of the Basso-Relievos of Polydore.

Guido Ruggeri fecit.

The Mark of several Pieces painted at Fontainebleau by Abbot Primaticcio, and engraved by the above-mentioned, who accompanied him into France.

The Mark of Justus Sadalaer. He sometimes used only this Mark; at other times he added, Sadalaer. 1. S. exc. is the same.

Alexander Algardi, Sculptor of Bologna, in a Conclusion engraved by Francis de Poilly, 1653. He at other times made use of the same Mark, but without the G.

## 170 MARKS and CYPHERS

159. Francis Maria Francia, an Engraver of Bologna.

Fico, of Parma. His other Marks are Æ. E. V. Æ. V.

Paris, his Mark, on his Engravings in Wood, &c. from the Drawings of the greatest Masters.

The Mark of Crispin Passæus, or Crispin de Pas.

163. 7B The Mark of Charles Albertus, in a Book of Vases from Polydore.

164. Caspar Luyken.

165. K George Keller.

166. To David Teniers.

167. F.f.
fecit.

J. Episcopus, or Bishop

ber 73. Francis Cauveau. See Num-

169. Thenry Hondius.

170. SB St. Martin di Bologna.

Schiaminossi de Burgo, on the Heads of our Saviour, the Virgin Mary, and the Twelve I 2 Apostles,

Apostles, in 1606 and 1607, as big as the Life. See Number 104.

172. Dolendo.

Marks in a Book intitled, in Quatuor Evangelistas Arabicé & Latiné, printed at Rome. See Number 148.

174. A. Genoels, on his Landskips.

175. Decuy Fecit, upon several Prints from Rubens.

176. Wencestaus Hollar Pragensis excudit.

in 12mo. intitled, Liberatione di Vienna dall' Armi Ottomane, di Lotto Lotti. Parma a685.

On an Etching of our Saviour fainting under the Cross.

179. F. Hen. Cock exc. 1570.

On the Senses very small, 1569. See Number 20.

182. RB On two Prints, the Wife Men offering, and a Circumcifion, after the Manner of Lucas Van Leyden.

On the Plates of a Book in Quarto, intitled, Medailles Antiques de Mr. Ant. de Pois. Quarto.

184. Claudio Metelli, on the 80 Plates of the Cries of Bologna, by Hannibal Carracci.

185. RS See Numbers 19 and 61.

Ifrael

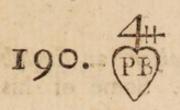
first Engravers. Albert Durer, Lucas Van Leyden, and Aldegraft, were his Disciples.

187. M Nicolas Andrea.

188. Alexander Badiale, a Painter; the first of these Marks was used by Anthony Boss. P.

189. ICB Jacobus Bink, Painter and Sculptor.

190. Peter



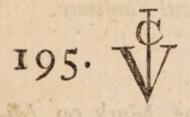
Peter Brebiette, Painter.

191. C or CC inv. Cignani, Painter.

192. Stephanus Colbenstagh, much like Number 125.

193. DI or-RED. de Larmessin.

194. HI Hermannus Henr. Quiter.



ti donder a

Cornelius Vischer.

I 4 196. Thomaus

Thomaus Cookson, an English Engraver, used this Mark. Some of his Works bear date from 1609 to 1624.

Rpf. Two Marks made use of by Prince Rupert, the first to a Saracen's Head, the latter to a Man with a Spear, both in Mezzotinto; to him we are indebted for that delicate Art.

198. Just f his Mark to five small Prints of his Journey from Rome to Naples.

199. John Vansomer's, which is sometimes mistaken for Paul Vansomer.

The Mark on Michael Angelo's last Judgment, of one Foot five Inches by one Foot ten Inches, Romæ.

The Mark of Bartholomew Breenbergh, on Landskips.

A Mark on Head of Albert Durer.

N. B. Number 62 is also the Mark of Simon Frizius; and Number 128 is also that of Antonius Waterlo.



STOLING BURGERS



# The Initial Letters used by Engravers for their Marks.

AB. These two Letters joined together, with an F issuing out from the B, is the Mark of Alexander Badiale of Bologna, Painter and Engraver.

inv. } Abraham Bloemaert, an inde-

A. Both. Andrew Both.

A. C. P. Are all Marks of Augustino Carracci of Bo-logna, a celebrated Pain-A. C. Agos. C. Ag. C. ter and Engraver.

Ag. Bononiæ,

A. D. J. F. Anthony de Jacquart Fecit. He engraved several Pieces.

A. D. Bruin, see Number 20.

A. G. Albert Glockentonius, in the Twelve Plates representing our Saviour's Passion.

A. F. A Mark found in some Plates of Albert Durer, see Number 30.

A. L. P. I.

A. L. P. I. Anthony Licinio Pordenone inv. Edward Fialetti fc.

A. P. M. A. Abbas Primaticcius inv. Mark Anthony exc. This Mark is found in a Plate representing a Shepherd lying under a Tree; and another holding his Hand on a universal Planisphere.

A. S. See Number 90.

Æ. V. See E. V. signifying Eneas Vighi, or Vico; and see Number 160.

A. V. ] Agostino the Venetian. See A. V. I. ] Number 135.

B. John Sebald Beham. See Number 31.

Abbot Primaticcio, who in France was called of Bologna, used the Letter B for his Mark. Twas also used by il Bonasoni, and likewise by Domenico Beccasumi, intersecting it with a Line, as in Number 140.

BAL. SEN. Baldassar Senese, i. e. Baldas-

far Peruzzi of Sienna.

B. B. Bartholomew Boham of Norimberg; be engraved in Rome, and in Bologna, with Mark Antonio Raimondi. Bartholomew Biscaino, a Genoese Painter, also used these Letters in such Plates as were of his own Invention.

B. B. A. F. Baccio Bandinelli, a Floren-

tine ArchiteEt.

Belli fecit. James Belli. See J. B. F. B. C.

B. C. Equ. Bartholomew Coriolanus, of Bononia, Knight.

B. F. V. F. Baptist Francus Venetus fecit.

B. M. VVV. Bernardo Malpucci, of Mantua, Painter and Engraver; he engraved in Wood with three Tools; with the first be made the Profil, with the second the Shadows, and with the third the Lights.

Bol. Inventor. Julio Bonasoni, of Bo-Bonaso sc. 1545. logna. See J. B. F.

- B. P. Bartholomew Passarotti, of Bologna, a Painter.
- B. S. Bartholomew Shenius, or Bononienfis Sculptor.

B. Z. 1581. Bern. Zan.

C. B. Cornelius Boss. This Artist engraved Julio Romano's Bacchanal. Number 130.

C. Bl. Cornelius Bloemaert, Son of A-braham the famous Dutchman.
C. Bleker. The Mark of Cornelius Bleker in certain Historical Landskips, 1636.

C. C. Fecit. Camillus Congius. See Number 102. Charles Cignani, of Bologna, Painter, Inv. He also used two C's, the one within the other.

C. D. F. Charles David Fecit.

Cl. Mell. fc. Romæ. Claudius Mellanus. See M. inv.

C. L. fec. Caspar Luyken fecit.

C. P.

C. P. Cornelius Polemburgh pinxit. John Bronchorst inc. See Number 119.

C. Schoenius, Martin Schoenio, of Calembach, Painter and Engraver, in the Time of Albert Durer. He died in 1486. Some of the Carious think him to be the same with Buonmartino. See Number 39.

D. Domenichino, of Bologna, a famous

Painter and Inventor.

D. B. Bernard Gallo, called the Short, engraved several Works, and among the rest Ovid's Metamorphoses, and the Old and New Testament printed at Lyons 1559.

D. F. Domenico of Florence. See Num-

ber 147.

D. H. David Hopfer, Brother of Lambert, noted down in Number 21, and of Jerome; all three German Engravers.

D. M. C. Domenico Maria Canuti, a co-

pious Painter of Bologna.

DO. CAP. 1518. Domenico Campagnola, of Venice.

E.V. Eneas Vighi, or Vico, of Parma, engraved the Works of Rossi, Titian, Buonaroti, Julio Clovio, and of Baccio Bandinelli.

E. V. H. Efaiah Van Hulsen.

F. B. Francis Briccio, of Bologna, Painter; be engraved the Pieces of Lewis Carracci.

F. B. B. Father Bonaventura Bisi, of Bologna, called il Padre Pittorino, or the Painting Fryar.

F. B. V. I. Frederic Barocci, of Urbino, inv. He sometimes, instead of the I, put F,

that is, Fecit.

Fr. Bol. Inv. Francis of Bologna Inventor, that is, Abbot Primaticcio.

F. C. Franceschino Carracci, of Bologna, younger Brother to Augustin and Hannibal.

F. L. D. Ciatres exc. The Mark of a Dealer in Prints.

F. P. Francis Primaticcio, or Francesco Parmegiano, who sometimes put an Fonly, in his Wooden Cuts engraved with three Tools.

F. P. J. V. Bonasius. These Letters are found in a Madonna of Francesco Primaticcio, engraved by Julio Bonafoni.

F. T. F. Flaminio Torre fecit. He was a Painter and Engraver.

F. V. B.

Francis Vanni Fecit. Francis Villamena used this and the following Mark. See Number 117. F. Villam. F. OH.

G. A.

G. A. The Heirs of John Agucchia.

G. F. Giorgio of Mantua Fecit. In a Piece of Primaticcio's representing Vulcan's Forge. See Number 93.

G. M. F. Giorgio of Mantua, in other Pieces of the abovementioned Primaticcio.

G. P. George Pens. See Number 44.

G. R. ¿Guido Reni, of Bologna, a ce-

G. R. F. S lebrated Painter, Fecit.

G. R. B. C. F. Guido Reni, in the Overthrow of the Giants, engraved by Bartholomew Coriolano.

G. S. F. Gio. or (John) Sirani Fecit.

Guil. Baur 1640, William Baur, Painter to the Emperor.

G. V. S. G. Van Scheindel Fec. and V. V.

Buytuvech. inv.

Har. Holbenius. Holbenius of Haerlem.

H. B. This Mark was used by Hans Burckmair, who engraved 36 Historical Pieces relating to the Empire; Hans Brosamer, who lived in 1538; and Horatio Borgiani of Rome. See Number 36.

H. Bol. Hans Bol, i. e. John Bol, in cer-

tain Landskips.

H. C. Hans Liefrink, in certain Plates of Birds, and Parties of Hunting, in Freezes. See Number 146.

H. H. Hans Holbein.

HO. FF. 1599. In a Print of Pharaoh's Army drowned, by Paul Farinati, of Verona.

H. S. 1558. Hercules Septimius Mutinensis. In certain Figures and Ornaments of Buildings.

H. V. C. 1517. Hans Van Culmhac, was

Albert Durer's Scholar.

I. A. See Number 62.

J. B. James Binckius. J. B. and a Bird, is another Mark of a different Author in a David, who fets his Foot on Goliah's Head, after Albert Durer's Manner.

J. Bonaso F. 1544.

Julio Bonasoni secit.

See other Marks at
the Letter B. Bonaso 1544, was another of his Marks.

- J. B. M. John Baptista, of Mantua, was Scholar to Julio Romano; be engraved the Burning of Troy, and other Pieces of his own Invention.
- J. B. F. James Belli, a Frenchman, fecit, or Belli fecit.
- J. C. Proc. Inv. Julius Cæsar Procaccinus Inventor.

J. G. Bronchorst. See Number 119.

J. G. Van Uliet, is the same as James Grand-homme. See Number 112.

J. H. Jerom Hopfer.

I. H. W. 1570.

J. K. James Kerver.

I. L. 1712. J. Luyken.

I. M. Israel Meck, in certain Subjects of the Passion, and other Plates. See I. V. M. The same Mark was also used by Israel Martino, supposed to be the same with Buonmartino, who lived in 1490.

L. fec. Joannes Livius fecit. He engraved

after Rembrandt's Manner.

Jo. Guill. Baur. John William Baur. See William Baur.

- Jo. AN. BX. John Antonius Brixianus, 1538. See Number 8.
- I. R. W.
- J. S. Justus Sadalaer exc. John Saenredam used the like Mark, joining the J to the S. See Number 121. and 157.

J. S. B. John Sebald Beham. See B, and

Number 31.

- I. V. M. Israel Van Mechelen, or Mechelini, or Van Meck, and of Lomazzo, surnamed of Mentz; be lived before Albert Durer, and sometimes marked his Plates with his Name Israel, only.
- L. C. Civ. F. with the first C in the perpendicular Stroke of the L, is the Mark of Ludovico Cardi, surnamed Civoli, a Florentine Painter, in a Plate of the Supper of the Pharisee.

L.C.

Lewis Carracci Inven-L. C. F. B. tor. Francesco Bric-Lod. C. I. Fr. Bri. Cio intaglio, or engraved.

L. C. ¿Lewis Carracci, in his three Plates I.O.C. I engraved with his own Hand.

L. D. In a Sacrifice, and Alexander the Great, by Abbot Primaticcio.

Zuke Van Cranogio, or Luke Van Craen, Painter of Savoy, Anno 1509. See Number 26.

L. H. Lambert Hopfer. See Number 21.

L. K. A. Luke Kilian, of Augsburg, engraved Tintoret's and Spranger's Works.

L. Lambert Lombard, or Susterman, L. L. or Suavius, all which signify the L. S. Same Person.
L. L. Lorenzo Lolli, Guido Reni's

Lollius. Scholar.

Lucas P. R. Luke Penni, the Roman, Raphael's Scholar. See Number 110.

L. V. V. Luke Van Uden, in some of Titian's Landskips.

L. Lucas of Leyden. See Number 34.

M. A. F. See Number 99.

M. C. Martin de Clef, or Clivensis Augustanus.

M. D. Vos. Martin de Vos, a celebrated Inventor for Engravers.

Mel. Gir. fec. Melchior Girardini fecit. He was a Painter and Engraver at Rome.

M. G. Matthew Greuter, Engraver, born-

at Strasburg, Ann. 1566.

M. inv.

Mel. p. & sc.

Mellan.

Are all different

Marks of Claudius Mellan of

Mel. sc. Romæ. 1633. ) Paris.

MI. AG. FLO. Michael Angelo, of Florence, i. e. Buonaroti.

M. L. Melchion Lorichius.

M. Merian. Matthew Merian.

M+S. Martin de Secu, or Schonio, called by some Buonmartino, was Albert Durer's Master. See Number 39.

M. R. Mark-Ravennate, or Ravignano, i. e. Mark of Ravenna, Scholar to Mark

Antonio Raimondi. See R. S.

M. Z. Martin Zinkius, i. e. Zazingeri, 1500. See Number 10.

Nadat, bas marked bis Plates with a Mole or Want-trap.

N.B. Nicholas de Bruyn. See Number 28.

N. B. L. F. Nicholas Beatrici Lotharingius fecit. See Number 149.

N. C. F. Nicholas Chapron, a Frenchman, fec. Anno 1649. He engraved Raphael's Galleries, painted in the Vatican.

N. M. D. Nicholas Manuel de Berna, 1518.

N P. or P N. Peter Nolin.

P. B. F.

P. B. F. Paul Blancus fecit & incidit.

P. C. Paul Caliari, i. e. Paul Veronese, Painter and Inventor.

P. F. Paul Farinati of Verona, Painter and Inventor.

P. H. Peter Hys, in certain Pieces of De-votion.

Phil. Th. 1589. Philip Thomasini.

P. John Sebald Beham. See Letter B. and the Letters V. P.

P. Quast. Peter Quast. See Number 43:

Pi. Ss. Bart. Peter Santi Bartoli, Engraver, of Perugino in Rome.

P. S. F. Peter Stefanoni fecit. This Artist

engraved the Carracci's Works.

P. V. Borcht inv. & sc. Peter Van del Borcht.

R. The Mark of Ravignano, and underneath R. V. I. that is, Raphael Urbino Inv. See MR.

R. B. T. A. Robetta.

R. S. M. A. } See Number 99.

R. S. Ravignanus Sculpsit. See M. R.

R. S. M. R. Mark of Ravenna. He put this Mark to Raphael Sancio Urbino's Pieces.

R. V. A. Gaudensis Sculp. The Mark of feveral Pieces invented by Peter da Cortona.

S.

S. B. Stephen della Bella of Florence. See Number 136.

S. B. D. Pictor. Under an Annunciation,

invented by Peter Candido.

S. C. Simon Cantarino, called of Pefaro, Painter and Engraver.

S. C. F. Stephen Carteron fecit, 1616.

Sebenzanus fecit. This is Martin Rota of Sabina. See Number 109.

S. F. Simon Frisius sc. These are Portraits engraved by Henry Hondius. See Num-

ber 62.

S. G. S. Simon Guillain fc. This Artist, who was born in Paris, engraved 80 different Figures of Hannibal Carracci, called the Cries of Bologna, Anno 1646.

S. P. Simon Paffeus.

S. P. F. Stephen du Perac fecit.

Strada. Vespasian Strada of Rome.

T. Anthony Tempesta of Florence, Painter and Engraver. See Number 148.

T. C. Theodore Cruger. See Number 150.

VAL. Valefio, John Lewis Valefio of Bologna. See Number 103.

Van Rhin in. Rembrandt de Rein. See

Number 126.

V. C. Vincenzio Caccianemici, a Nobleman of Bologna, and Painter.

Vef.

used by ENGRAVERS. 191

Ves. S. Vespasiano Strada of Rome.

V. P. or B. or P. or J. S. P. were four Marks used by John Sebald Beham, when he did not care to put his own Name, which is found Number 31.

V. S. 1622. Valentine Sezenius. The same Mark was also used by Virgilio Sole, men-

tioned Number 19.

V. S. I. Ventura Salimbeni, of Sienna, Painter and Inventor.

V. V. Delft. See Number 151.

V.C. V. A Mark used by an antient Engraver in a St. Bartholomew and a St. George.

W. D. H. Will. Henius.

W. H. Wenceslaus Hollar.

W. P. Will. Passe.

Z. A. Zazingeri, or M. Z. Martin Zinkius, as was before-mentioned.

# Chronological and Hiftorical Series of the most Eminent PAINTERS.

	(192)								
Places of Refidence, and principal Works.	Florence, where he did a Picture of Christ, 7 Cubits long.	Church of the Franciscans, he painted the Death of that Saint, with this Inscription, Juncta Pisanus fecit de mense Octobri, Anno 1236. Indict. 9.	Cimabue and And. Taffi. Rome and Florence, at both History and Mofaic. Pieces in Mofaic.						
Whofe Difciples, and in what they excelled.	Apollonius, a Greek. History and Mosaic.	Some Greek Painter. History and Figures.	Cimabue and And. Taffi. History and Mofaic.						
Born, Died.	1213	Flo. 1236	1239						
Mafters, and their Countries.	Andrea Taffi, a Florentine, the Restorer of Mosaic in Italy.	Giunta Pisano, a Grecian, sent for to Florence by the Senate.	Gaddo Gaddi, of Florence, greatly improved Mofaic Work, being the beft Defigner of his Time.						

	(19	3)	
Giunta Pisano and Ar-   Florence, where he painted nots Tedesco.  Hittory and Archipull the Church of St. Mary Desture.  Andrea Taff.   Arezzo and Pisa, where he painted the Abbey of St. Paul.	Rome and Arezzo, at the last of which he made the fine Tomb of Pope Gregory. X.	Rome and Florence; at the former he did the Mofaic Ship over the Portico of St. Peter's Church, and at the latter the Death of the Virgin, so much commended by Mich. Angelo.	Rome and Florence, celebrated by Petrarch for the Portrait of his beloved Laura.
THE RESIDENCE OF THE PARTY OF T	History and Sculpture.	1276 History, Architecture, Sculpture and Mo-	Gietto. Hiftory and Portraits.
1240 1300 1262 1340	Elo. 1275	1276	1285
Cimabue, of a noble Family in Florence, the Father of Modern Painting.  Buonamico Buffalmaco, of Florence.	Margaritone, of Arexzo, Inventor of the Art of Gilding with Leaf-Gold	Giotto, of a little Village near Ribrence, much improved the Art of Painting.	improved Giotto's Man- ner, by drawing after the

		(19.	4)		
Places of Refidence, and principal Works.	-	Florence and Rome; Naked Figures, of which he was the first modern Painter.		Storence and Arezzo; at the laft is his Piece of the Fall of the Angels.	Some; he was the first that painted Rains, Storms, and Winds.
Whose Disciples, and in what they excelled.	His Father Gaddo Gad-di, and Giotto. History and Architechure.	Sigures and Heads.	Giotto.  Hiftory, Mofaic, and Sculpture.	Sciotta. History.	Sciente. History and Landskips.
Born, Died.	1350	1302	1304	Flo. 1330	1330
Mafters, and their Countries.	Taddeo Gaddi, of Florence, improved the Colouring and Livelinefs in Painting.	Steffano Florentino, of the fame Place.	Pietro Cavallino, of Rome, was effectied a Saint for his great Piety.	Gasparo Spinello, a Floren-	Ambrogi Lorenzetti, of Siena. }

	1	195	1		
Florence.	of the Academy the Picture of St. Luke drawing the Virgin, and on one Side all the Academifts, which were Ten, and on the other their Wives.		Florence and Pifa.	Rome and Florence.	Subject taken from the Reve- lations, univerfally admired. Surges, where in 1410 he found out the Art of painting in Oil.
Giotto, and his Father Taddeo Gaddi. Hiftory.	Taddeo Gaddi. History.	Steffano Florentino.	Hiftory and Archi-	Hiftory and Mofaic.	His Brother Hubert.
1323	Flo. 1350	1324	1329	1366	1366 1426 1370 1370
Angelo Gaddi, of Florence. {	Giacomo Cassentino, Founder } of the Academy at Flo- rence.	M Tomaso Giottino, of Florence.	Andrea Orgagna, of Florence.	Alefro Baldovinetti, a Flo-}	Hubert van Eyck, of Masseych 3 1366 on the Meuse. 3 1426 1426 John van Eyck, of the same 3 1370 Place.

			(	196	)		
Places of Refidence, and principal Works.	Rome, Naples, and Florence.	Rome and Florence.	} Florence.	Rome and Florence.	Florence, where he built the Cupello of St. Mary del Fiore's.	Yenice and Bruges.	} Padua.
Born, Whofe Difciples, and in Died. what they excelled.	History and Portraits.	History and Battles.	Architecture and Sculpture.	Religious Subjects, large, and in Miniature.	Architecture and Sculpture.	John van Eyck.  History.	Hiftory.
Born, Died.	1371	1372	1383	1387	1387	1390	1394
Mafters, and their Countries.	Frate Filippo Lippi del Car-	Borgo S. Sepolers, a Flo-	Donatello, of Florence.	Frate Giovanni Angelico da }	Filippo del Brunelleschi.	Francisco Antonello di Messi.  na, the first who brought  Painting in Oil into Italy.	Francesco Squarcione, of Padua, called the Father of Painting, because he had

Florence.	Florence.	Milan and Rome.	Rome and Verona.	Yenice.	Rome.	Florence.	Venice and Florence.	Florence, where in the Hall of Justice he painted the Execution of the Conspirators against the House of Medici.
	Perspective and Birds.	History and Architec-	~	Efficiency and Portraits.	Hiftory and Miniature.	S Giovanni da Fiesole.		~
Masolino da Panicale. { Flo. 1432	Paolo Uccello, of Florence. \$ 06.	Bartolomeo Bramantino, of Nat.	Gentil da Fabriano, of Ve-   Flo. rona.	Giacomo Bellini, of Venice. { Nat.	maldolese, Abbate di S. { 1400 Clemente Aretino.	Benozzo Gozzoli, of Florence. \ 1400	Dominico Venetiano. { Filo. 1450	Andrea del Caftagna, of \\ Florence.

			(	198	)		
Places of Refidence, and principal Works.	Rome and Florence.	Florence and Rome, Christ heal-	Venice.	Venice and Constantinople.	Florence, his Books of Architecture, &c.	Florence; his Battle at Florence, engraved on Pewter, with this Infcription, Opus Antonii Pollaiolo Florentini, is faid to have	been feen by Mantegna, before he did his Triumphs.
Born, Whose Disciples, and in Died.	Hiftory.	Mafeline.	His Father Gracome.   History, Portraits, and Architecture.	His Father Giacomo.	Architecture and Sculpture.	Andrea del Caftagna. Hiftory, Architecture,	dairu Lingiavinig.
Born, Died.	1416	1417	1419	1420	F10.	1426	Total Park
Mafters, and their Countries.	Cosmo Roselli, of Florence. }	Mafaccio, of Florence.	Giovanni Bellini, of Venice.	Gentile Bellini, of Venice.	Leon Battista Alberti, of Florence.	Antonio Pollaiolo, of Florence, near whose Time the Art of Engraving was found	Goldsmith of Florence.

Florence and Rome.	Florence.	he brought the Art of Painting in Oil.	umphs of Julius Cæfar, (now at Hampton-Court) which he congraved on nine Plates.	the first that found out the Way of taking off a Likenefs in Plaister of Paris.	Florence.	Florence.
ippi ello.	Alesto Baldovinetti. { History.	Antonello da Mestina. History.	Sacopo Squarcione.  Hiftory and Portraits.	History and Sculpture.	Andrea del Caftagna and his Brother. Hiftory and Sculpture.	Filippino Lippi. S. Hiftory.
1428	1430	Flo. 1450	1431	1432	1433	1437
Filippino Lippi, of Florence.	Domenico Ghirlandaio, of }	Dominico Venetiano, of Venice.	H Andrea Mantegna, of Man- }	Andrea Verocchio, of Florence, S Brother of Antonio.	Pietro Pollaiolo, of Florence.	Sandro Botticella, of Florence. }

				( 20	00)			
Places of Refidence, and principal Works.	Rome, Cortona, &c.	Rome.	Milan.	Florence and Milan; at the last is his celebrated Piece of the	Laft Supper.  Florence.	Rome and Florence.	Sologna; his St. Sebastian was the Study of all the succeed.	Bologna.
Born, Whofe Disciples, and in Died. what they excelled.	Pietro del Borgo.  Hiftory and Naked Figures.	Cosmo Resselli.	History and Archi-	Andrea Verocchio. Hiftory, Portraits, and	Architecture.  Andrea Verocchio.  Hiftory and Sculpture.	Andrea Verocchio,	Marco Zoppo.	Andrea Mantegna. History.
Born, Died.	1439	1441	1444	1445	Nat. 1446	1446	1450	1451
Mafters, and their Countries.	Luca Signorelli, of Cortona. }	Pietro di Cosmo, of Florence, {	Bramante Lazari da Urbino. {	Leonardo da Vinci, of a Caftle } near Florence.	Gio. Francisco Russico, called Rustichino, of Florence.	Pietro Perugino, of Perousa. {	Francisco Raibolini, called Francia, of Bologna.	Marco Zoppo, of Bologna.

			(	20	1)		
Urbin.	Florence and Arexzo.	Florence.	Florence and Siena.	{ Florence, he invented the Lay-	Bologna and Rome.	Nuremberg, Inventor of cutting in Wood; his St. Jerome is much effeemed.	florence and Rome, where in the Chapple of the Vatican, is his celebrated Piece of the last Judgment.
Hiftory.	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Filippino.  Hiftory and Portraits.	History.	{ Co/mo Roffelli. Hiftory and Portraits.	Francisco Francia. History.	His Father and Michael Wolgemuth. Hiftory, Portraits, and Sculpture.	Exemply, Sculpture, and Architecture.
Nat. 1453	1460	1461	1523	1469	1470	1471	1474
Gio. Sancio D'Urbino, Father ?	Andrea Contucci, called (da }	Raffaelino del Garbo, 05 }	Peroufa.	K Fra. Bartolomeo di S. Marco, }	Timoteo Vite da Urbino.	Albert Durer, of Nuremberg.	Micbael Angelo Buonaroti, a S Florentine.

		( 20	2)		
Places of Refidence, and principal Works.	Rome and Florence.  Yenice, where is his Chrift carrying the Crofs.  Venice, where in Publick are	above 50 of his grand Pieces to be feen; he was particularly famous for his Colouring.	Raffaele, Pope Leo X. with fuch Exactness, as to deceive Julio Romano, who painted	Rome and Modena.	Rome.
Born, Whofe Difciples, and in Died. what they excelled.	Pietro Perugino.   Hiftory & Architecture.   Gio. Bellino.   Hiftory and Portraits.   Gio. Bellino and Gor-	gione. History, Portraits, and Landskips.	Pietro di Cosmo. History.	Raffaele D'Urbino.	\ Naked Figures.
Born, Died.	1476 1551 1477 1511	1477	1478	Flo. 1520	1479
Maffers, and their Countries.	Girolamo Genga D'Urbino. { Giorgio del Caftel-Franco, } called Giorgione.	Titiano Vecellio da Cadore.	Andrea del Sarto, of Florence.	Pellegrino da Modena. {	called Sodoma, from his sobscene Paintings.

		(	20	3)			
Land	Rome and Florence; his Car-	toons at Hampton-Court.	Venice, Mantua, and Ferrara.	Rome and Venice; at the first is his Piece of the raifing of	Reme and Florence.	Rome and Naples.	Giulio Romano.   Bologna, Mantua, &c.   Hiftory & Architecture.
History & Architecture.	History.  Giovanni his Father,	History.	Hiftory and Sculpture.	Gio. Bellino.	Gio. Franc. Rustico. History and Sculpture.	Raffaele. Hiftory and Landskips.	Giulio Romano.   Hiftory & Architecture.
1481	1550	1520	1549	1540	1487	1488	1490
-	Benevenuti Garofalo, or { Ferrara. Raffaele Sancio D'Urbino, }	Prince of the modern Painters.	Mecarino da Siena.	E	Baccio Bandinelli, of Flo-	Gio. Francesco Penni, called J. H. Fattore di Raffaele, a	L'Abbate Francesco Prima- ?

(	2	04	)
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	(204)							
Places of Refidence, and principal Works.	Rome,	,~~	Rome.	Florence.	Naples and Rome.	Modena and Parma.	Stucco-work, in Use among	Holland, where his Bag-piper (a Print) has been fold for fixty Ducatoons.
Born, Whofe Disciples, and in Died. what they excelled.	Raffaele. Striketure.	Raffaele. S. Hintory & Architecture.	Kaffaele.	L. da Vinci and A. del Sarto. Hiftory and Portraits.	Giulio Romano.	Mantegna.	Giorgione and Raffaele. Ornaments in Stucco.	Corn. Engelbert.  Hiftory and Portraits.
Born, Died.	1492	1492	1492	1493	1493	1494	1494	1494
Mafters, and their Countries.	Polidore da Carawaggio.	Giulio Romano.	Maturino, of Florence.	Jacopo Caruci da Pontermo. {	Pirro Ligorio, of Naples. }	Antonio Allegri da Correggio. {	Giovanni D'Udine.	Lucas van Leyden, a Dutch-

3		(	200			
Places of Rendence, and principal Works.	\{ \text{Basses} \text{ and London}; he painted all his Works with his left Hand. \text{Hand.}	and took to Painting through Love.	Rome, Genoa, and Pisa.	Found out the Art of Printing in Chiaro-Scuro, with three Plates, to imitate Drawings.	as to touch the Ground when he flood upright.	Bruffels.
Born, Whose Disciples, and in Died. what they excelled.	His Father. History and Portraits.	History and Portraits.	Andrea de Ceri, and Ri- dolfi del Ghirlandaio. Hiftory and Architec-	Cutting in Wood.	History.	History and Battles.
Born, Died.	1498	06.	1500	Flo. 1500	1559	1550
Mafters, and their Countries.	Hans Holbein, of Bafil.	Quintin Matigs, of Antworp.	Perino del Vaga, of Florence.	Ugo da Carpi.	John Cornelius Vermeyen, a S Dutchman.	John Maio, of Beveravyck. }

		-	20	,0	1			
Places of Refidence, and principal Works.	Rome, &c. He writ the Lives of the Painters, in 3 Volumes 4to.	Rome.	Rome and Modena.	} Florence.	Yenice.	Venice and France.	Venice.	Rome, &c.
Born, Whose Disciples, and in Died.	Andrea del Sarto, and Michael Angelo. Hiftory, Portraits, and Architecture.	Michael Angelo. History.	Raffaele.	History.	fitian. History and Portraits.	Yitian. Hiftory and Portraits.	{ Francesco Salviati. { History.	His Father.
Born, Died.	1511	1511	Nat. 1511	1512	1512	1513	1515	1519
Mafters, and their Countries.	Giorgio Vasari Arctino, of SArczzo.	Lelio Urfo da Novellara.	Pellegrino da Modena.	ranci Vecchio, a Florentine.	Gracomo Robusti, called Tin- { toretto, of Venice.	Paris Bordone, a Venetian.	a Venetian.	in Vado.

Flanders, Italy, &c.	Verona. Bologn, Rome, and Milan.	Venice.	Florence.	Genoa; he painted with both Hands.	Rome, where he induced Pope Gregory XIII. to found the Academy of Painting.	Florence and Bruges.
Schoorel.  History and Portraits.  Lambert Lombard.  History.		Imitated Parmegiano, Titian, &c. Hiftory.	and Polidoro.	Gio. Cambiagio his Father. GHiftory.	di Brescia.	History and Hunting-
1519	1522 1606 1522 1522	1522	1525	1527	1527	1527
Sir Anthony More, of Urrecht. { Francis Floris, of Antworp. {	Paolo Farinato, of Verona. { Pelegrino Tibaldi, of Bologna. {	Andrea Schiavone.	Gregorio Pagani, of Florence.	Luca Cambiagio, of Genoa. {	Gerolamo Mutiano da Brescia.	Giovanni Stradano, of Bru- {

Places of Refidence, and principal Works.	\} Urbin and Rome. \} Rome.	Rome and Venice.	Heidelberg and Amsterdam.  Venice and Amsterdam; at Leyden and Amsterdam; at which last is his History of Foseph, much esteemed.  Venice; he designed the Anatomy Figures in Vesalius, and the Heads of the Painters in Vasarius.
Born, Whose Disciples, and in Died.	Battiffa Venetiano.   Religious Subjects.   Taddeo Zuccaro.   History and Portraits.	Antonio Badile.  Hiftory and Portraits.	Miniature.   Titian.   Hiftory and Portraits.   Hiftory and Portraits.   Hiftory and Portraits.   Titian.   Titian.   Hiftory and Anatomy.
Born, Died.	1528 1612 Nat. 1530	1532	1534 1593 1534 1535 1583 1583 1583 1583
Mafters, and their Countries.	Frederico Barocci, of Urbin. { Bartolemeo Passerotti, of Bo- } logna.	Paolo Caliari Veronese, of }	Hans Bol, of Mecblin.  Diteric Barent, of Amfterdam { Antony de Montfort Brock- landt, a Dutchman.  John Calker, or De Calcar, of the Village where he was born, in the Dutchy of Cleves.

			je	(	211	1e (		
			ooks (		aerlem of th	He w of the at Rom	100	
			e 7 B		and <i>E</i> Lives	&c. Prince		
	Rome and Venice.		Milan; he wrote 7 Books of the Art of Painting.	Rome and Venice.	Rome, Vienna, and Haerlem; he wrote the Lives of the Flemish Painters.	Rome, France, &c. He was chosen the first Prince of the Academy of Painting at Rome.		
	e and		Art of	e and	e, Vie wrote vish Pa	e, Fr.	ice.	Antwert.
-	Rom	Siena.	Mila the	Rom	$\begin{cases} Rom \\ he \end{cases}$	Rom choi	Venice.	Ant
				Bro-		r. aits.	10.	fmall
	Liftory			Sculp	4.	Taddeo his Brother. History and Portraits.	His Father Giacomo. History.	Grotesques and Land- skips, with small Figures.
	ving I	у.	*	Verone,	de Heery.	o his ]	ather	fkips, v Figures.
	Engraving Hiftory.	Hiftory.	Hiftory.	Paul Veronese his Bro- ther. Hiftory and Sculpture.	Lucas de Heer. Hiftory.	Taddeo his Brother. History and Portrai	His Father History.	Grote fkij Fig
-		~~	Nat. 1538	~~		96	5 th	10. 16. 15. 15. 15. 15. 15. 15. 15. 15. 15. 15
-	15.	15	No.		1539	1540	1540	15 IS
	7	of	Giov. Paolo Lomazzo, of \ Milan.	Benedetto Caliari, of Verona.	a .	Frederico Zucchero, of Urbin.		Peter Breugel, called Old Flo. Breugel, a Dutchman. 1566
	f Horn	mbeni,	nazzo,	of Ve	Charles van Mander, a Dutchman.	o, of U		called
	ort, o	Sali	lo Lon	aliari	an N.	uccher	Francisco Bassano.	gel, a Du
	elius C	angelo	. Pao	detto C	varles van Dutchman.	erico Z	cifco I	Breu eugel,
	Corn	Archangelo Salimbeni, of 1 15	Gior	Bene	Char	Fred	Fran	Peter Br

Places of Residence, and principal Works.	Siena; where in the Church of St. Francis, is a dead Christ, by him	Antwerp.	Rome, Vienna, Antwerp, &c.	Antwerp.	London.
Born, Whose Disciples, and in Died.	History.	} Hiftory.	Hiftory.	Yrefp. Fontana.	Portraits in Miniature.
Born, Died.	1542	1545 1004	Nat. 1546	1547	1547

Martin de Vos, of Parma.

Alexander Cafolan, of Siena.

Masters, and their

Countries.

Nat. 1546

Bartholomew Spranger, of

Antwerp.

Venice, Francksort, &c.

Rome and Antwerp.

History and Landskips.

Engraving History.

Rome.

. Hiftory.

1547

Matthew Brill, of Antwerp.

Vespasiano Strada.

Nicholas Hilliard.

John Sadeler, of Brufels.

Dionisto Calvart, a Fleming.

Venice and Romes  Utrecht, &c.	Rome and Antworp.	Rome; where is his famous Piece of St. Clement, 68 Feet N	Rome and Bologna.	Venice.	. Rome.	Rome, Antwerp, and Bruffels:	Rome, Venice, Modena, &cs
His Father Antony. History. Landskips.	His Father.  History and Engraving.  Fed. Zucchero.  History and Landskips.		Profp. Fontana.	Engraving Hiltory.	ng, &c.	~	History and Sculpture.
	1552 1615 1552 1550	1953	1555	1555 ISS	1555	1556	1634
Giacomo Palma, jun. of } Venice. Roland Savvery, of Flanders. }	Cherubino Alberti.  Raffaele da Reggio, of Mo-	Paul Bril, of Antwerp.	Lodovico Garacci, of Bologna.	Raphael Sadeler, of Bruffels. }	Antonio Tempesta, of Florence. {	Otho Venius, a Dutchman. Sinlio Celare Procaecini of	Bologna.

			( 21	4)			
Places of Refidence, and principal Works.	Antwerp.	Rome, Farma, &c. Rome, Naples, and Haerlem.	Rome and Paris; where in the Church of the Augustins, is his	Descent of the Holy Ghost, which, in the Judgment of	in this City.	Rome and Florence.	Rome and Bologna.
Whofe Difciples, and in what they excelled.	His Father Lambert.  History.	History and Engraving.		Fed. Zucchero. History.	, ~	History.	Lod. Carracci.   Hiftory.
Born, Died.	1557	1558	1617	Nat. 1558	1559	1559	1560
Masters, and their Countries.	Adam wan Ort, of Aniwerp. }	Augostino Carracci, oi Do- { logna.	Henry Courses, Or interested.	Jacob Bunel, of Blois.	Cars. Dom. Passignano, of ?	Florence. Lodowico Cigoli, of Florence. }	Annibale Carracci, of Bo-}

14		( 21	5)			
Rome, Naples, &c. His most esteemed Pieces are his Battles, in the Vatican.	} London. } Amsterdam.	Rome and Siena; in the Va- tican is his famous Piece of the Fall of Simon Magus.	Rome, Florence, London, &c.	Venice and Bavaria.	Amsterdam and Delft, where he built that magnificent Tomb	Antworp.
Hiftory.	History and Portraits.  Architecture.	Archangelo Salembeni. Hiftory and Religious Subjects.	Auvelio Lomi. Hiftory, large.	Yintoret. Hiftory, small.	Architecture and Sculpture.	Landfkips.
	1561 1635 1561	1563	1563	1564	1565	THE RESIDENCE AND ADDRESS OF THE PERSON NAMED AND ADDRESS OF T
Cav. Gioseppe Cesare d' Ar- 1560 pino, called Gioseppino, of 1560 1640 Naples.	Mark Garrard, of Bruges. { Cornelius Danckerts de Ry, }	Cav. Francesco Vanni, of	Oratio Gentileschi, of Piya. {	Hans Rottenbamer, of Munich.	Henry de Keyser, of Utrecht. }	Toby Verhaecht, of Antwerp. { 1566

Places of Refidence, and principal Works.	the famous Sea-fight between the English and Spaniards, in 1588, whence the Tapestry in the Parliament-house was wove.	\\ Utrecht.	Rome and Paris.	Florence.	Bruffels.	Rome, Venice, &c.	Haerlem.
Born, Whose Disciples, and in Died.	Paul Brill. Views and Sea-Pieces.	History.	Hiftory.	Landskips and Cattle.	Eandfkips, Fairs, &c. fmall.	Scav. Gioseppino. History.	Hen. Goltius. Engraving History.
Born, Died.	Nat. 1566	1567	1567	1568	1569	1569	1571
Masters, and their Countries.	Henry Cornelius Vroom, a Butchman.	Abraham Blomaert, of Gor- }	Martin Friminet, of Paris. }	Steffanino della Bella, of }	Jan Brueghel, called Velvet Brueghel, of Bruefels.	Michael Angelo, Amerigi da }	James Matham, of Haerlem. }

,				(2	17)	
Rome, Siena, &c.	Hague.	Rome.	Rome and Bologna.	Rome, &c.	Borgbefe, is the Portrait of Paul V. in Mofaic, wrought with exquifite Art and Judg-	ment.  Antwerp, Italy, England, and France; the Ceiling of the Banqueting-House at White-ball, and the Luxemburgh Galleries at Paris, are most admired by the Curious.
Nat.   His Father Arcangelo.   Rome, Siena, &c. 1573   History.	Defigning and Engraving, History and Maps.	Philip Uffenbach.  History and Night-Pieces.	Denis Calvert.  Hiftory.	Hannibal Caracci.   Hiltory and Landkips.	Paulo Rossetti. Hiftory and Mofaic.	Adam van Ort, and Otbo Venius. History and Portraits.
Nat. 1573	1573	1574	1575	1575	1575	1577
Ventura Salimbini, of Siena. {	Henry Hondius, of Duffell. {	Adam Elsheimer, of Frank- { fort.	Guido Reni, of Bologna.	logna.	Marcello Provenzale, da {	Sir Peter Paul Rubens, of Cologn, Prince of the Flemis Masters.

			1	218	)			
Places of Refidence, and principal Works.	Rome and Bologna.	Rome, Mantua, and Venice.	Antwerp, Paris, &c.	the first of which Places is his celebrated Piece of the Comminion of St. Terome.	Rome, Naples, and Parma.	Rome, Venice, and Paris.	Rome.	} Italy, Germany, and England.
Born, Whose Disciples, and in Died. what they excelled.	D. Calvert and Guido. Hiftory.	Lodovico Civolia History.	Jan Breugel.  Landskips.	Denis Calvert. History.	The Carraches.	His Father.	Hiftory.	Hiftory.
Born, Died.	1578	1580	15.80	1581		1582	1583	Nat. 1583
Mafters, and their Countries.	France sco Albano, of Bologna. }	Domenico Fetti.	Facques Fonquierre, of Ant-	Domenico Zampieri, called S Dominichino, of Bologna.	Cav. Giov. Lanfranco, of Parma.	Simon Vouet, of Paris.	Antonio Caracci, called II \ Gobbo.	Henry Vander Borcht, of }

	1	419 )			
History and Landskips.     Haeriem and Amsterdam.   Roland Saviery.     Rome, Antwerp and Amsterdam.   Engraving small Fi-   Florence: his Fair at this Place.		Rome and Bologna.	Antwerp and Madrid.	Antwerp, London, &c.	Antwerp and London.
History and Landskips.   Roland Savery.   Landskips and Ruins.   Engraving small Fi-	Abraham Blomaert.  Naked Figures and Landskips.	Benedetto Gennari. History. Portraits.	Abraham Jansens.  History.	History and Night-	Miniatures in Water-
1584 1635 1586 1586	1635 1586 1660	1590 1667 Flo.	1591	Nat. 1592	1592
Peter van Laer, called Bamboctio of Haerlem.  William Nieulant, of Antwerp.  Fames Callot, of Nancy.	Cornelius Poelenburgh, of Surrecht.	da Cento, called Guercino, born near Bologna.  Cornelius Johnson, of Amster-	Gerard Segers, of Antwerp.	Gerard Hontborft, of Utrecht.	Antwerp. 3 1592

Places of Refidence, and principal Works.	Antewerp.	Rome.	Rome and Florence.	Rome, Florence, and Paris.	Rome and Paris.	Antworp, London, &c.	Rome.	Rome.
Born, Whose Disciples, and in Died.	Adam van Ort. History.	History and Landskips.	History, Sculpture, and Architecture.	History.	Hiftory, Sculpture, and	Rubens. History and Portraits.	Augustino Tasso. Buildings and Ruins.	Tomasi Salini his Uncle. Selowers.
Born, Died.	1594	1594	1596	1596	1598	1599	1599	1599
Mafters, and their Countries.	Fames Fordaens, of Antworp. 8	Nicolas Poussin, of Audley, the Raphael of France.	Pietro Berrentini da Cortona.	Faques Stella, of Lyons.	Cav. Gio. Lorenzo Bernini, 3	Sir Antony Van-Dyck, of Antwerp.	Viviano Codazzo, called Viviano delle Prospettive,	Mario Nuzzi, called Mario dai Fiori, of Orta.

		(-	221	)			
Rome Venice I um and Dans.	where, in the Church of Natre- Dame, is his Defcent of the Holy Ghoff, which they efteem	Cone of their finelt Pieces.  Rome.	Rome.	Antwoorp.	London.	Mortlack.	Holland and England,
Mugustino Tasso. History and Landskips.	Nic. Bullery, his Uncle. Hiftory.	Nicolas Poussin.  Standskips.	Antonio Salwatti.  Battles and Fruit.	} Jan Breugel. § Flowers.	Portraits in Miniature.	Hiftory.	Sea-Pieces.
1600	Nat. 1600	1600	0991	0091	F16.	1630	1670
Claudio Gille, of Loraine.	Jacques Blanchart, of Paris.	Galparo Dugbet, called Gaf. } paro Poulfin, of Rome.	r Michael Angelo Cerquozzi, called Dalle Battaglie, of Rome.	Daniel Seghers, the Jefuit, } of Antwerp.	John Hoskins.	prancis de Cleyn, a Duich-	Will. Vande-Velde, called Old \ Vande-Velde, of Amfterdam.

Places of Refidence, and principal Works.	Rome.	} Paris.	Rome and Paris.	Rome and Paris.	Rome.	} Amsterdam.	Antwerp, London, &c.	} Antwerp.	} Antwerp.
Born, Whose Disciples, and in Died.	Scav. Gisseppins.  Hiftory & Architecture.	History and Portraits.	History and Etching.	Hiftory.	} Battles.	Lasman.   History and Portraits.	Etching Beafts, &c.	Rubens.  History.	Francis Hals.  S Drolling-Pieces.
Born, Died.	1991	1674	Nat. 1603	1664	1605	1668	1650	Nat. 1608	16c8 1638
Mafters, and their Countries.	Andrea Sacchi, of Rome.	Philip de Champagne, of Bruffels.	Francis Perrier, of Bourgogne. {	Nicolas Mignard, of Troyes. {	Padre Giacomo Cortes, called Borgognone, of his Country.	Rembrandt van Ryn, of a { Village near Leyden.	Wencestaus Hollar, of Prague. }	Abraham Diepenbeck, of Bois-	Adrian Browwer, of Haerlem. {

1,	Kome.	} London.	London and Oxford.	Rome.	Rome.	Rome.	Rome.	Rome.	} Paris.	} Florence.
Albani.	(Hiftory.	John Hoskins his Uncle.   Portraits in Miniature.	Portraits.	Fioravanti. Fruits and Still-life.	Perrier and Voet.	S Dominichino and Peter da Cortona.	Pietra da Cortona.	Daniele Falconi.  Hiftory and Landskips.	Weuet. History and Etching.	} Jacopo Vignali. } Hiftory.
6091	1991	1609	1610	1610	1611	1611	1612	1614	1616	1616.
Pier-Francesco Mola, of ?	Lugano.	Samuel Cooper, of London. {	William Dobson, of London. }	Michael Angelo Pace, called }	Charles Alphonse du Fresnoy, } of Paris.	Pietro Testa, of Lucca.	Gio. Francesco Romanelli, of \ Viterbo.	2	Quintin.	Carlo Dolci, called Carlino, }

Places of Refidence, and principal Works.	London.	
Whose Disciples, and in what they excelled.	Portraits.  Youet.  Hiftory.  Hiftory and Landfkips.  Simon Vouet.  Hiftory and Portraits.  Angelo Carofello.  Hiftory in fmall.  Andrea Sacchi.  Hiftory and Portraits.  Spagnolet and Da Cortona.  Hiftory.  Spagnolet and Da Cortona.  Hiftory.  Birds and Beafts.	
Born, Died.	1617 1617 1619 1623 1623 1623 1623 1624 1628 1704 1628 1628 1630	
Mafters, and their Countries.	Sir Peter Lely, of Westphalia. {  Eustache Le Sueur, of Paris. {  Sebastian Bourdon, of Mont-}  pellier. {  Charles le Brun, of Paris. {  Fillippo Lauro, of Rome. {  Carlo Maratti, of Camorano. {  Ciro Ferri, of Rome. {  Francis Barlow, of Lincoln-}  Francis Barlow, of Lincoln-}  Francis Barlow, of Lincoln-}	



#### A:N

# Alphabetical INDEX

### OFTHE

Christian Names and Surnames of the ENGRAVERS and PAIN-TERS, with their Places of Abode, and when they flourished, &c.

Bbot Primaticcio, used the following Marks, A. P. M. A. or B. or Fr. Bol. or F. P. See Number 91.

A. Blotholinus.

Abraham Bloemaert, Ab. Bl. he died in 1647, aged 94.

Adam Ælsheimer, born in 1574. See Num-

ber 123.

Adam Mantovano. Number 92.

A. D. Bruin. Number 20. flor. in 1579.

Adrian Collaert. Number 22.

Adrian Hubert. Number 144.

Agnes Frey, Wife of Albert Durer. Number 154. She lived in 1510.

Agostino

Agostino Parisino. Number 57.

Augustin Carracci, A.C. or Agos. C. of Bologna, died in 1602, aged 45.

Augustin Metelli, a Painter of Bologna.

He died in 1660.

Augustin Veneziano, or A. V. flor. in 1525. Number 135.

Albert Aldegraft, of Westphalia, flor. in

1551. Number 32.

Albert Altorfio, of Sweden, flor. in 1511.

Albert Clovet, flor. in 1675.

Albert Durer, on A. E. of Nuremberg. He died in 1527, aged 58. Number 30.

Albert Flamen, flor. in 1641. Number 114.

Albert Golckentonio, A. G.

Alexander Algardi. He died in 1654, aged 56. Number 158.

Alexander Badiali, of Bologna, A. B.

Alexander Specchi.

Andrew Andreani, of Mantua, flor. in 1600.

Number 47.

Andrew Both, A. Both.

Andrew Camassei, a Painter of Bevagna. He died in 1695.

Andrew Laurent, of Paris.

Andrew Mantegna, of Mantua. He died in 1517.

Andrew Salmincio, of Bologna, flor. in

1640. Number 139.

Andrew Vande Venne, flor. in 1662. Number 151.

L 6

Andrew

Andrew Wolfgangus, of Saxony.

Anthony Boss, a Frenchman. Number 114.

Anthony di Jacquart, A. D. I. F.

Anthony da Trento. He lived in 1550.

Anthony Francesco Lucini.

Anthony Guernier. Number 91.

Anthony Lanferrius.

Anthony Licini, A. L. P. I.

Anthony Masson, of Paris, flor. in 1698, aged 66.

Anthony Salamanca, flor. in 1664. Num-

bers 90, and 143.

Anthony Tempesta, or T. He died in 1630, aged 75. Number 148.

Anthony Vandyke, a Painter. He died in

Anthony Van Vuaterl. Number 128.

Anthony Wierx.

Anthony Vuormace. Number 14.

Arman Muller.

Arnold Van Westerhout, flor. in 1681.

### B.

Baccio Baldino, flor. in 1500.

Baccio Bandinelli, of Florence, B. B. A. F.

Baldazzar Peruzzi, BAL. SEN. He died in 1536, aged 55.

Bartholomew Biscaino, of Genoa, B. B. He died in 1657.

Bartholomew

Bartholomew Boham, B. B. of Nuremberg, flor. in 1531.

Bartholomew Chilian, or Kilian, of Augs-

burg, flor. in 1683.

Bartholomew Coriolano, of Bologna, B. C.

Equ. flor. in 1640.

Bartholomew Gagliardi. He died in 1620. Bartholomew Passarotti, a Painter of Bologna, B. P. died in 1578.

Bartholomew Schenio, B. S. of Bologna.

Baptist Brittiano, of Mantua.

Baptist Franco, of Venice, died in 1561.

Bellange, a Frenchman.

Benedict Farjat, flor. in 1702.

Bernard Fassaro. Number 108.

Bernard Balieu, flor. in 1700.

Bernard Castelli. Number 102. He died in 1629.

Bernard Gallo, D. B. flor. in 1559.

Bernard Malpucci, B. M. of Mantua.

Blodelingus of Amsterdam.

Bonasoni: See Julius Bonasoni, flor. in 1547.

Buonmartino: See Ifrael Vanmechelin. Bernard Baron, of London.

Camillo Graffico, of Forli. Camillo Porcaccini. He died in 1628.

Camillo Congio, or CC. Number 102.

Caprarola

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Caprarola 1597. He engraved the Death of Christ from Hannibal Carracci, on Silver, in Caprarola.

Charles Alet, flor. in 1693.

· Charles Audran, of Paris.

Charles Buffagnotti, of Bologna, flor. in 1704.

Charles Cesio, an Engraver.

Charles Cignani, a Painter of Bologna, CC.

Charles David, C. D. F.

Charles de la Hay, flor. in 1682.

Charles Maratti, a Painter, of Rome, died in 1713, aged 88.

Charles Saraceni: He died 1625.

Cesar Fantetti.

Cherubino Alberti: He died in 1615. Number 100.

Claudius Audran.

Claudius Mellan, of Paris, Cl. Mel. died in 1688, aged 94.

Claudia Stella, of Paris, flor. in 1686.

Ciro Ferri, of Rome, be died in 1690.

Conrad Mayr, of Zurich, died in 1638, aged 33.

Conrad Waumans, flor. in 1666.

Cormet. Number 23.

Cornelius Berghem, or Berchen. Number 113. Cornelius Bleker, flor. in 1636. C. Bleker.

Cornelius Bloemaert, C. Blo. born in 1603.

C. B. and flor. in 1665.

Cornelius

Cornelius Boss, or Bus. Numbers 48, 54, and 130.

Cornelius Cort, of Holland, be died in 1578, aged 42.

Cornelius Gallo, flor. in 1649.

Cornelius Hevissen. Number 38.

Cornelius Polemburg, of Utrecht, C. P. died in 1660, aged 74. Number 119.

Cornelius Sichen. Number 17.

Cornelius Vermulen, flor. in 1706.

Crescenzius de Honofri.

Crispin Passæus, or Passe, of Cologn, died in 1626. Number 163. Cuerenhert. Number 29.

Daniel Mignot. Number 41.

David Hopfer, D. H. flor. in 1568.

David Van Boons. Number 118.

Diana, of Mantua, she lived in 1566.

Dieterico Mayr, be died in 1658, aged 87.

Dirich Vander Staren. Number 12.

Domenichino, D. of Bologna, died in 1641, aged 60.

Domenic Barriera, of Florence. Number 147. . .

Domenic Beccafumi, be died in 1549. Number. 140.

Domenic Campagnola, 1518. Number 5. Domenic degli Ambrogi, of Bologna.

Domenic Maria Bonavera, of Bologna.

Domenic

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Domenic Maria Canuti, of Bologna, D. M. C.

Domenic Maria Fontana, died in 1607, aged 64.

Domenic Tempesta, of Florence, flor. in

1704, aged 62.

Domenic Tibaldi, of Bologna, be died in 1582, aged 42.

# E.

Edelink, of Paris, died in 1707.

Edward Fioletti, of Bologna, flor. in 1612. Number 105.

Elias Hainzelman, of Augsburg.

Elizabeth Sirani, a Paintress of Bologna, died in 1664, aged 26.

Eneas Vighi, or Vico, Æ. E. V. be lived in 1550. Number 160.

Erhardus, of Paris.

Esaias Van-Hulsen, E. V. H.

# F.

Fabricius Chiari, of Rome, he died in 1695. Frederick Barocci, of Urbino, F. B. V. I. born in 1528, died in 1612, aged 84.

Flaminius Torre, of Bologna, F. T. F. be died in 1661.

Florius Macchi, of Bologna, flor. in 1600. Francis Aquila.

Francis Briccio, F. B. of Bologna, flor. in 1600.

Franceschin

Franceschin Carracci, of Bologna, flor. in 1622.

Francis de Neve, of Antwerp.

Francis de Poilly, of Paris. Number 142. Francis Maria Francia, of Bologna. Num-

ber 159, flor. in 1704.

Francis Giovane.

Francis Grimaldi, of Bologna, flor. in 1668.

Francis Guerrieri.

F. L. D. Ciatres.

Fr. Lovemont, flor. in 1662.

Francis Mazzola, of Parma.

Francis Melloni, of Bologna.

Francis Spierre, of Nancy, died in 1681, aged 38.

Francis Steen, or Vander Steen, of Ant-

werp.

Francis Stringa, a Painter of Modena, flor. in 1704.

Francis Tortebat.

Francis Vanni, a Painter of Sienna. died in the Year 1610, aged 47.

Francis Villamena, flor. in 1623, aged 60.

Number 117.

Francis Bonaventuri Bisi, F. B. B. of Bologna.

Francis Cauveau, of France, died 1675.

Number 73.

Francis Perrier, of Burgundy, flor. in 1635. Number 76.

Francis Terzi, of Bergamo.

G.

Galiot Nardois.

Gaspar Reverdin. Number 11.

Gerard Fontana.

Giacinto Giminiani. Number 89.

Giles Rousselet, flor. in 1686.

Giles Sadeler. He died in 1629, aged 59.

Giodoco Aman, of Zurich, flor. in 1588.

George Christofano Eimert, of Ratisbon, flor. in 1683.

George Ghisi, of Mantua. Number 93.

George Pens, of Nuremberg. Number 44.

George Perundt, born in Franconia, died in 1663, aged 60.

Giovachino Bocklaer, of Antwerp.

Gobbo de Carracci.

Guido Ruggeri. Number 156.

Guido Reni, G. R. of Bologna, died in 1642, aged 68.

H. A. A.

Hans (i. e. John) Baldungh, or Baldvin, flor. in 1574. Number 36.

Hans Bol, H. B. of Mechlin, flor. in 1541.

Hans Brefanck. Number 33.

Hans Brosamer, flor. in 1538. Number 36.

Hans Burkmayr, of Augsburg, died in

Hans Liefrinck, H. L. Number 146.

Hans Lutensach. Number 58.

Hans Schauflig. Number 1.

Hans

Hans Van Culmack, H. V. C. flor. in 1517.

Hannibal Carracci, a Painter of Bologna,

A. C. P. died in 1609.

Henry Bloemaert, flor. in 1647.

Henry Cliven, be died in 1589. Numbers 124. and 152.

Henry Blofeuvertus Frisius.

Henry Goltzius, of Holland; he died in 1617, aged 59. Number 111.

Henry Hondius, born in 1573. Herman Coblent. Number 144.

Hercules Bazicaluva, of Florence, flor. in 1641.

Hercules Septimius, H. S. or Hercules Setti, of Modena, flor. in 1571.

Hisberto Venio.

Hieronymus, or Jerome Mocetus. Number 13.

Hisbel, or Hisbin. Number 31.

Hoefnaghel, Joris Hoefnaghel, a Painter of Antwerp, be died in 1600.

Horace Borgiano, H. B. of Pistoia. Number 36.

Hiacinth Giminiani. See Giacinto.

Hubert Audenaerd.

Hubert Goltzius, he died about the Year 1503, aged 57.

Hubert Vincentini.

James Belli, of France, I. B. F. or Belli fec.

James de Gheyn, flor. in 1615, aged 50. Number 122.

James Mattamius, of Haerlem. He died in 1631, aged 60.

James Sandrart, of Nuremberg, flor. in 1683.

James Vander Heyden, of Augsburg, flor. in 1608.

James Lutma, of Amsterdam, flor. 1681. James Grand Homme, I. G. Van Uliet. Number 112.

James Kerver, I. K.

James Bink, of Nuremberg, 1500. I. B.

James Blondeau, flor. in 1690.

James Callot, of Lorrain, be died in 1635.

James Freij, of Rome.

James Laurenzani.

James Lauri.

James Ligozzi.

James Maria Giovannini, of Bologna, be died in 1717.

James Matham, of Holland, be died in 1631.

John Chantry, flor. in 1662.

Jerome Hopfer, I. H.

J. Blondeau, that is, James, flor. in 1690. J. G. Van Uliet: See James Grand Homme. John Covay, of France. Number 72.

John

John Ladespeldrickt. Number 45.

John le Pautre, a Frenchman, Engraver of divers Subjects.

J. G. Bronchorst, i. e. John, flor. in 1662.

Number 119.

J. Gal. Nardois F. i. e. John Galeot Nardois fecit.

John Abach, born in Cologn in 1556, flor. in 1597.

John Baptist Brixianus, J. B. B.

John Baptist Mantuanus, J. B. M. flor. in 1500.

John Culembach, of Nuremberg, flor. in

John Francus, of Augsburg.

John George Walderich, of Augsburg.

John James Thourneissen, of Basil, flor. in 1667.

John Livius, J. L. fec.

John (or Hans) Sebald Beham, be died in 1545. Number 31.

John Andrew Podesta, of Genoa.

John Andrew Sirani, of Bologna.

John Baron, of France, flor. in 1644.

John Baptist Bolognini, a Painter of Bologna.

John Baptist Bonaccini.

John Baptist Castiglioni. Number 95.

John Baptist Constantini.

John Baptist Coriolani, an Engraver of Bologna.

John

John Baptist Falda, of Rome.

John Baptist Gallestrucci. Number 155. John Baptist Maggi, of Rome, Painter

and Engraver.

John Baptist, of Mantua, flor. in 1500.

John Baptist Mercati.

John Baptist Sorito, flor. in 1621.

John Baptist Pasqualino, flor. in 1622.

John Baptist Ricci, of Novara.

John Baptist Testana.

John Baptist Vanni.

John Baptist Zani, of Bologna.

John Benedict Castiglioni, of Genoa. Number 95.

John Calcar, of Cleves, be died in 1546.

John Cæsar Testa, Nephew to Peter Testa.

John Frederick Greuter, of Strafburg.

John Francis Cassioni, an Engraver in Wood.

John Francis Venturini.

John Francis Zabello. Number 83.

John George Nuvolstella, a German, died in 1624, aged 30.

John Guerra, of Modena, he died about the Year 1612.

John William Baur. See Guil. Baur.

John Joseph dal Sole, a Painter of Bologna, flor. in 1704.

John James Coraglio, of Verona, an Imi-

tator of Marc Antonio Raimondi.

John Lanfranci, a Painter of Parma, died in 1647, aged 66.

John

John Lewis Valesio, of Bologna, VAL. died in 1643. Number 103.

John Lutma, of Amsterdam, flor. in 1681.

John Maria, of Brescia. Number 8.

John Miele, of Flanders, flor. in 1648.

John Nicola, of Venice, flor. in 1555.

John Orlandi, flor. in 1600.

John Podesta.

John Sadeler, be died in 1600, aged 58.

John Saenredam, of Holland. Number 121.

John Schorel, of Bavaria, be died in 1562,

aged 67. Number 60.

John Troschel, of Nuremberg, he died in

1633.

John Viani, a Painter of Bologna, died in 1700, aged 63.

Joseph Maria Metelli, flor. in 1704. Num-

ber 138.

Joseph Maria Roli, of Bologna, G. M. R. Joseph Moretti, of Bologna, an Engraver on Wood and Copper, born 1657, flor. in

1704.

Joseph Ribera. Number 129. Joseph Testana, flor. in 1654.

Joseph Zarlati, of Modena.

Joris Hoefnaghel, see Hoefnaghel.

Jost Amon. Number 37.

Haac Major, of Franckfort, flor. in 1620.

Israel Martino, I. M. Number 186.

Ifrael Meck, or Van Meck, I. M. flor. in 1623.

Ifrael

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Israel Silvestre, of France.

J. Van Velde. Number 127.

Julius Bonasoni, J. B. F. of Bologna, flor. in 1547.

Julius Cæsar Porcaccinus, J. C. Porc. In.

died in 1626, aged 78.

Julius Cæsar Venenti, of Bologna. Number 137.

Justus Sadeler, of Brussels, I. S. E. flor. in 1620. Number 157.

Julius Campagnola, of Venice, flor. in 1520.

# L.

Lambert Lombardo, L. or L. L. or L. Jadied in 1560, aged 60.

Lambert Suave, or Susterman, is the same as Lambert Lombardo.

Lambert Hopfer. Number 21.

Leonard Gualtier, flor. in 1618. Number 70.

Leonard Parasole Norsino, flor. in 1600.

Lewis Carracci, L. C. died in 1610, aged 64.

Lewis Cardi Cigoli, L. C. C. of Florence, Lewis Mattioli, of Bologna, flor. in 1704.

Lewis Scalzi.

Lawrence Loli, L. L.

Lawrence Tinti, of Bologna. flor. in 1666.

Louvemont, flor. in 1662.

Luke Ciamberlano.

Luke

Luke Cranogio, or Van Craen, or V. C. or L. V. C. Numbers 26 and 35.

Luke de Leida, called of Holland. Number 34.

Luke Kilian, of Augsburg, Junior, or L. K. A. flor. in 1657.

Luke Kruger, a German, flor. in 1516.

Luke Penni, or Lucas, P. R. of Florence, flor. in 1528.

Luke Van Uden, L. V. V. flor. in 1662, aged 67.

Luke Vorsterman, of Antwerp, flor, in

1629. Number 120. Lewis Gomie.

Lewis Scaramuccia Perugino, died in 1684. Lewis Philip Boitard, of London.

### M.

Marc Antonio Chiarini, of Bologna.

Marc Antonio Raimondi, or M. A. F.

died in 1528. Number 99.

Marc da Ravenna, M. R.

Marottus.

Martin de Clef, M. C. flor. in 1436.

Martin de Secu, or M. + S. Number 39.

Martin de Vos, of Antwerp, a celebrated Inventor for Engravers, died in 1604, aged 72.

Martin Hemskirk, a principal Inventor for Engravers, died in 1574, aged 76. Num-

ber 24.

M

Martin

Martin Rota, of Sabina, flor. in 1725. Number 109.

Martin Zinkius, or Zazingeri, M. Z. or

Z. A. flor. in 1500.

Maso Finiguerri, of Florence, one of the first Engravers on Copper, in 1460.

Matthew Grunevald, of Aschaffemburg.

Numbers 30, and 153.

Matthew Greuter, of Strafburg, M. G.

be died in 1638, aged 72.

Matthew Merian, M. Merian, born in Barbary, in 1593, and died in 1632.

Matthew Kusel, of Augsburg.

Matthew Piccioni, of La Marca, flor. in 1655.

Matthew Zagel, M. Z. Number 10.

Maurice Oddi, died in 1702, aged 63. Number 134.

Melchior Girardini, Mel. Gir. Fec. of Rome.

Melchior Kusel, of Augsburg, Brother to Matthew, flor. in 1652.

Melchior Lorichio, M. L.

Micarino. Number 9.

Michael L'Asne, died in 1667, aged 72. Number 75.

Michael Le Blon. Number 6.

Michael Angelo Guidi, Son of Raphael.

Michael Cocxie, died in 1592, aged 95. Number 3.

Michael Lucchese. Number 107.

Michael

Michael Natali, of Lodi, flor. in 1665.

Michael Volgemut, of Nuremberg, Albert Durer's Master, flor. in 1490.

Mr. Lane.

Mr. Rolet.

Mr. Vansculp.

# N.

Nicholas Vicentino, be engraved the Works of Parmigiano, and flor. in 1555.

Nicholas Chapron, of Paris, N. C. flor. in 1649.

Nicholas Manuel, of Bearn, N. M. B. flor. in 1518.

Nicoletto, of Modena.

Nicholas Beatricetto.

Nicholas Beatrici, of Lorrain, N. B. L. F. Number 149.

Nicholas Bylli.

Nicholas de Bruin, N. B. Number 28.

Nicholas du Puys, of Paris.

Nicholas Dorigny, of Paris.

Nicholas la Fas, a Frenchman.

Nicholas Laigniel.

Nicholas Mignard, of Paris, died in 1695, aged 85.

Nicholas Perrelle, a Frenchman, Engraver to Nicholas Poussin, and others.

Nicholas Poilly, a Frenchman, died in 1696, aged 70.

Noel Garnier, flor. in 1618. Number 4.

M 2 O. Oliver

0.

Oliver Gatti, an Engraver of Bologna, flor. in 1626.

Oliver Dolfin, he died about 1693.

P.

Padre Angelo Lorenzini, Min. Conv. Bol. Paul Brill, of Antwerp, died in 1626, aged 72.

Paul Bianchi, P. B. F.

Paul Pontius, of Antwerp, flor. in 1660, aged 57.

Paul Maupini.

Periecouter. Number 40.

Peter Aquila, flor. in 1681.

Peter Artsen.

Peter Breughel, died in 1556. Number 123.

Peter Cottart. Number 46.

Peter Daret, of Paris, flor. in 1654. Number 74.

Peter de Jode, the Elder, born in the Year 1602, and died in 1634.

Peter del Po.

Peter Hys, P. H.

Peter Iselburgh, of Cologn, flor. in 1620.

Peter Lombard, flor. in 1666. Number 71.

Peter Mercand. Number 42.

Peter Mignard.

Peter Quaft. Number 43.

Peter Rysbrack, on his Landskips.

Peter

Peter Santi Bartoli, P. SS. Bart. of Perugia, died in 1700, aged 65.

Peter Soutman.

P. Servuter.

Peter Simon, of Paris, flor. in 1673.

Peter Stefanoni, P. S. f.

Peter Stivens, of Mechlin, flor. in 1629.

Peter Testa, of Lucca, be died in 1651, aged 41. Number 96.

Peter Vander Borcht, P. V. Borcht.

Peter Vander Nelpe. Number 115.

Peter Vansickleer.

Peter Voeriot. Number 53.

Philip Adler, of Padua. Number 16.

Philip Abiati, of Milan, flor. in 1704.

Philip Napolitano.

Philip Passari.

Philip Thommasini, Phil. Th. flor. in 1589.

R.

Raphael Guidi, of Tuscany.

Raphael Sadeler, born in 1555, and flor. in 1595.

Raphael Scaminossi. Number 104.

Raphael Sancio, an Inventor. Numbers 99, and 145.

Raymond La Fage.

Ravenstein, or Gaspar Reverdin, flor. in 1640. Number 11.

M 3

Rayner

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Rayner Persino, of Amsterdam, a Companion of Cornelius Bloemaert.

Ravignano, see Mark da Ravenna. R. S.

Regnasson, N. flor. in 1646.

Rembrandt, or Van Rhin, died in 1668, aged 62. Number 126.

Remigio Cantagallina.

Reynold Boivin, also Renato. Number 7.

Reynold Lochon. Number 69.

Ralph Brein, of Zurick.

Ralph Mayr, flor. in 1638.

Robert de Vorst, flor. in 1628.

Robert Nanteuil, a Frenchman, be died in 1678, aged 48.

Robetta, R. B. T. A.

R. V. A. Gaudensis.

S.

Saenredam, See Hans (or John) Saenre-

Salvator Rosa, a Painter, Engraver and Poet, of Naples; be died in 1675, aged 60. Number 106.

San Martino, of Bologna, this Artist was Abbot Primaticcio, of St. Martin's.

Number 91. Samuel Hainzelmanus, of Augsburg.

Schelde a Bolsuvert, flor. in 1660. Number 125.

Scuppen, of Paris.

Saben-

Sabenzanus. Number 109.

Silvestre da Romana. Number 101.

Simon Cantarini, called of Pesaro, S. C.

Simon Frisio.

Simon Guillain, S. G. of Paris, flor. in 1646.

Simon, of Paris, flor. in 1673.

Sinibaldo Scorza, of Genoa, be died in 1631, aged 41.

Sifto Badalochio, of Parma, flor. in 1607.

Spagnoletto, See Joseph Ribera. Number

Stephen della Bella, of Florence. S. B. he died in 1664, aged 50. Number 136.

Stephen Carteron S. C. F. dor. in 1675.

Stephen Colbenstach of Paris 1615.

Stephen Colbenstagh, of Rome. Number 94.

Stephen du Perac, of Paris, be died in

Stoltzius. Number 2.

Svaneburgh, be engraved the Works of Rubens.

Susanna Sandrart, of Norimberg, flor. in 1683.

Т.

Theodore Cornher, of Amsterdam, be died in 1590.

Theodore Crugher, or Greuger, T. C. Number 150.

M 4

Theo-

248 An Alphabetical INDEX Theodore dalla Croce, of Holland. Theodore Mattamio, of Haerlem, flor. in 1663. Theodore Van Tulden. Number 116. Theodore Zaghel. Number 65. Thomas Barlacchius.

Tibó, flor. in 1686.

Tobias Stimer, of Schafuse, flor. in 1590.

V.

Valentine Senezius, V. S. flor. in 1622.

Van Rhin, See Rembrandt.

Ventura Salimbeni, of Siena, V. S. In.

aged 56. Veronica Fontana, of Bologna, an Engra-

ver on Wood.

Vespasian Strada, Ves. S. of Rome, died in 1618, aged 36.

Ugo da Carpi, flor. in 1500.

Vincent Caccianemici, V. C. of Bologna. Virgilio Sole, or V. S. Numbers 19, and 61.

W.

Waer Van Hossanen. Number 15. William Delft, of Holland, died in 1638. Number 151.

William Cortese.

Theor

William Faithorne, of London, died in 1690.

Wen-

of ENGRAVERS.

249

Wenceslaus Hollar, a Bohemian, died in 1677.

Wolfgangus Kilian, of Augsburg, flor. in 1654.

W. Vaillant, flor. in 1675. W. Vaillant, flor. in 1726.

Zazingeri, See Martin Zinkio. Zinkio is the same as Martin Zazingeri.

M 5

Angelos

AN



## AN

## Alphabetical LIST

OFTHE

Surnames before the Christian Names, of Painters, Engravers, and Sculptors.

Note, The Letters P and S, before the Names, stand for Painter, or Sculptor.

A Back, John
Abiati, Philip
Adamo, Mantuano
Ackerstout, William
Adam, John
Adler, Philip
P.Ælsheimer, Adam
Agostino, Veneziano
Aguccio, Giovanni
Alberti, Cherubino

Aldegraft, Albert

S. Algardi, Aleffandro

Allard, Carolus

Alet, John Charles

Allen, Francis
Altorf, Adam
Ambrogi, Domenico
delli
Ab-Amling, Cornelius Gustavus
—, Carolus
Gustavus
Amon, Justus
P.—, Jodocus
Ammon, Claudius
Andrea, Nicolas
Andreani, Andrea

Angelo,

Angelo, Michael, see P. Baugin, John Buonaroti Anrien, J. B. r. Aquila, Francis ----, Petrus Artsen, Petrus Aubry, Peter Aveline, sen. Audenaerd, Hubert Audran, Charles P.—, Gerard ----, Benedict ----, Claude ----, John Auroux, Nicholas. В. P. Badaloccio, Sifto P. Badiale, Alessandro Baldung, Hans P.Baldini, Baccio Balieu, Bernard ----, Peter de P. Baltens, Peter Balthafar, Peter P. & S. Bandinelli, Baccio Barbé, John Barlacchius, Thomas Baron, John Baron, Bernard P. Barocci, Frederico Baroni, Giuseppi Barri, Giacomo Barriera, Domenico

P. Bartoli, Pietro Santo

M 6

Baudet, Estienne

251 Baumgartner, J. G. Bary, Henry P.Baur, Guil. or Jo. Will. P. Bazicaluva, Hercules Bazin, Nicolas P. Beatrici, Nicolas Beatricetto, Nicolo Beauvais P. Beccafumi, Domenico Becket, Haac Beham, John Sebald Belange Belli, Jaques Berghem, Cornelius-P.Bernardi, Gio. Bertrand, Philip Beaufrere, P. Beusecom, T. V. Bertelli, Ferando --- Lucas Bettini, Domenico Beverensis, Nicasius Bianchi, Paolo Bignon, Francis P. & S. Bink, Jacobus Bie, Jaques de Biscaino, Bartol. Bisi, Fra. Bonaventura Blancus, Paulus Bleker, Cornelius Blesendorf, Samuel Bleswart, Henry Bleswick, F. P.Bloemart, Abraham

Bloemaert,

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Bloemaert, Cornelius
Bloemaert, Cornelius
, Hercules
Blois, A. de
P.Block, Daniel
P.—, Emanuel
P.—, Adolphus
P.—, Benjamin
Blon, Michael le
Blond, la
Blondeau, Jaques
Bloeteling, A.
Bocklin, J. C.
P.Bocklaer, Joachim
Boel, Quirinus
—, C.
Boham, Bartolomeus
Bois, M. de
Boivin, René
Boiffavin, L.
Boitard, Lewis Philip
Bol, Hans
P.Bolognese, Francesco,
See Primaticcio
Bolognini, Jo. Bap-
tift
Bolonnois, E. de
Bolswaert, Scalse a
Bolswerd, Bl.
-, Boetius
Bolzoni, Andrea
Bonaccini, Jo. Bap-
tift
Bonar, A.
Bonasone, Julio
Bonavera, Domenico

Bonez. Buonmartino, Ifrael Martin Bonnart, Nicolas Bonvicinus, B. Borgiano, Horatio Borrecheus, Matthew Bos, or Bus, Cornelius Bos, or Bosch P. Boss, Antoine Both, Andrew Bouché, Pet. Paul Bouchet Boulanger, John Boud, R. Boudan, L. Boutatts, John ----, Philip, jun. ----, Frederick ----, P. Balthafar ——, G. P.Brebiette, Peter P.Brein, Rodolf Brefanck, Hans P.Brescia, Giov. Maria da -, Giov. Antonio P. Breughel, Peter Brifsart, P. P. Brill, Paul P.Briscio, Francesco Brittiano, Baptista Brixianus, J. Baptist

Brixianus,

tonio Bronchorft, John Brofamer, Hans Bruf, John Brun, G. le

P.—, Charles le Brun, Horatio Brun, Peter de Bruin, A. D. ----, Nic. de Brye, Theodore de Buffagnotti, Carlo

P. & S. Buonaroti, Mi. Angelo

P.Burchmair, Hans Burnford, Thomas Bylli, Nicolo.

P.Caccianemici, Vincenzo

P. & S. Calcar, John Callot, Jaques Camassei, Andrea Campagnola, Domenico

\_\_\_\_, Julio P. Candidus, Peter Cantagallina, Remi-810 Cantarino, Simone Domenico Canuti, Maria Capitellus, Bernardus Capriolo, Aliprando

Brixianus, Jo. An- P. Carracci, Agostino P.—, Annibal P.—, Antonio P.—, Francesco P.—, Lodovico P.—, Paolo Cardi, Lodovico Carpi, Ugo da Cars, J. F. Carteron, Stephanus Cassione, J. F. Castelli, Bernardo Cause, Henry P. Castiglione, Jo. Benedict Jo. Baptift P.Cefio, Carlo Du Change, G. Chapren, Nicolas Challeau, N. Du Chastel Chaveau, Francois Chatres Chereau, F.

> Cherpinion, C. Chesneau, Henry Chevau, F. P.Chiari, Fabritio Chiarini, Marc Antonio Cignani, Carlo Ciamberlano, Luca Ciro, Ferri

Cheron, Elizabeth

P.Clef, or Cliven, Hen. de \_\_\_\_, Martin de P.Clerc, le, jun. ---, Sebastien Cloe, Aubert Clovet, Albert Clouvet, P. \_\_\_\_, R. Cluet, Hubert Coblentz, Herman Cochin, len. \_\_\_\_\_, jun. · Cock, Jerom Coenhert, Theodore \_\_\_\_\_, Dirich Coenradt, Lowers Cocxis, Michael Coget, Anthony Cokerken, Cornelius \_\_\_\_\_, E. van Colbenstagh, Stephen Collaert, Adrian Collin, Richard \_\_\_\_, Nicolas Congius, Camillo Conrad, Abraham Constantini, Jo. Baptift Coquin, Lovis Coraglio, Jo. Jacob Coricori, Girolamo Coriolanus, Bartolomeus Cormet Cort, Cornelius

Cortese, William Coffin, Lovis Conrad, Abraham Cottart, Peter Cotta, Jac. Couvay, John Cranogio, Lucas Cremonius, Andreas Crepy Cruger, Theodore P.Culembach, John Culot Cundier, John Curti, Francesco Custodis, Domenico. Dac, John, the same with John Aback Dalla Croce, Theodore Dankers, Henry Dankert, Cornelius Dannoot, Peter Daret, Peter David, Jerom -, Carolus \_\_\_, Henry Delft, William ---, Jacob Della Bella, Stephano Del-Pò, Pietro Derlois, M. Dertellus, Lucas Desrochers, Estienne , jun. Devaux, Robert Diamner, Diamner, H. F.

P.Dolfin, Olivier

Doino, Catterino

P.Domenico, Fiorentino

P. Domenichino, or Dom. Zampieri
Dorat, Jac.
Dorigni, Michael
—, Nicolas
Doffier, M.
Drevet, Peter
—, Claude
Dubois, M.
Du Change, Gaspar
Duflos, Claude
Dupuis, Nicolas
—, Fr.

E.
Edelinck, Gerard
, Nicolas
Eimart, Geo. Christ.
Eland, Henry
Elipart, J. Ch.
Elstrac, Robert
Erhard
Erlinger, Francis.

F.
Faber, John, fen.

—, John, jun.
Fage, Nicolas la
Faithorn, William
Falda, Jo. Baptist
Falk, John

—, Jerom

Fantetti, Cefare Farjat, Benedict P.Farinati, Paolo

Febure, le Ferace, Canute Fevre, Claude le Filian, John

P.Finiguerra, Maso Fiolettus, Edward Flamen, Albert Floræ, Guill. Nicolas a

Flos, Claude du P.Fontana, Dom. Maria

P.—, Gerardo
P.—, Veronica
Francia, Francesco
Maria
Francoforma
Francus, Baptista
Freij, Agnes
Freij, Giacomo
Frizius, Simon
Frosno, John
Fruytiers, Philip.

G.
Gagliardus, Philip
Gagliardi, Bartolomeo
Galle, Theodore
Galle, Philip
—, Cornelius, fen.
—, Cornelius, jun.
Gallo, Bernardo
Gal-

Guarnier, Anthony

Gallestrucci, Jo. Baptift Gantrel, Stephen Garnier, Noel Gatti, Oliviero Gaudensis, R. V. A. Gautier, Leonard Georgi, George ---, John P. & S. De Ghein, Jaq. Ghisi, Georgio Giffart, Peter Giminiano, Jacintho Giovane, Francesco Giardini, Melchior Glover, George Gole, John Gomie, Luigi Golkentonius, Albertus P.Goltzius, Hubert P. ———, Henry Gourdelle Graffico, Camillo Granhomme, Jaques Greut, Joseph Greuter, F. - Theodore P.—, Matthew P.—, Jo. Frede-

rick

P. Gribelin, Sam. Sen.

Grignon, Jaques

----, Sam. jun.

Grimaldi, Francesco

Grunevald, Matthew

Guerra, Giovanni Guerrieri, Francesco P.Guidi, Rafael -, Mich. Agnolo, his Son P.Guido Reni Guignon, V. Guillain, Simon Gyger, Jo. Conrad. Habert, N. Haelwegh, Albert Hagen, S. Hainzelman, John ----, Samuel Halbeck, John van Hallé, S. Hanzelman, Elias Harrewin-Hay, Charles de la Hemskirk, Martin Heiden, Jacob ab Heim, W. C. Heince, Zachary Hendricx, Giles Herkenever, Jac. Guil. ----, Leonard Herthemels, Maria Hertz, Jo. Daniel Hevissen, Cornelius Hisben, Peun Hoefnaghel, Joris Hoelwigh, Adrian Hogenberg

Holbens,

Holbens, of Haerlem Hollar, Wenceslaus Holstein, P. P. Hondius, Henry \_\_\_\_, William Honofri, Crescenzo Hopfer, Jerom ----, David \_\_\_\_, Lambert Houbraken, Jaques Houget, John Housse, Patil de la Hubert, Gaspar \_\_\_\_\_, Adrian Huberti, Francis Hulfius, Francis Humbelot Huret, Gregory Huybreckt, Peter Hys, Peter.

I.

Jacquart, Ant. de Teaurat, E. Imperiali, Girolamo Jode, Peter de, sen. ----, Peter de, jun. Tolain, Jac. Jongelinx, J. B. —, J. P. Jongh, J. de Isaac Isac, Jaspar Iselberg, Peter Juster, J.

Kaldung, Hans Kerver, Jaques Kilian, Lucas, Sen. \_\_\_\_, Lucas, jun. P.—, Bartholomew -, Wolfgang -, Philip Koning, Cornelius Kraling, John Kruger, Lucas Kuffel, Matthew ---, Melchior,

> L. Ladelfpeldricht, John Laignel, Nicolas Lamsweard, Stephen Landry, P. Lanferrius, Antonius Lanfrank, Giovanni Lang, Mauritz Langlois, John Larmessin, D. de Lasne, Michael Later, John de Lankerken, Cornelius Laurent, Andrew Laurentio, Esaré Laurenzani, Giacomo Lauri, Giacomo Lawers, Nicolas Lawers,

Lawers, Conrad
Le Bas, Jaques Phillipe
Lenfant, John
Leonart, G. F.

J. F.

P.Leonus, Octavius Lens, Bernard Leotard Lepicié

P.Leyden, Lucas van Leysebetten, P. V. Licinio, Antonio Liefrank Liefrinck, Hans Lieu, Thomas de Ligozzi, Giacomo Lisibet, P. Lochon, René

P.Lolli, Lorenzo
Lombardus, Lambertus
Lombart, Peter
Lommelin, Adrian
. G.

P.Lorenzini, Padre Angelo
Lorichius, Melchior
Louvement, Francis
Louys, John
Lubin, Jaques
Lucchefe, Michael
Luciani, Antonio
Lucini, Ant. Francefco

P.Lutma, Janus Luyken, John Lyvius, John. M.

P.Macchi, Floria P.Maggi, Jo. Baptist Magliar, A.

P.Mantegna, Andrea
Mantuana, Diana
Mantuanus, Giorgio
————, Jo. Baptist
Manuel de Berna, Nic.

P.Maratti, Carlo
Marc. Ant. Raimondi
Maria, Domenico
Mariette, P.

Mariotti
Martinez
Martino, Israel
Masson, Antoine

P. Matham, Jaques
P. \_\_\_\_\_, Theodore,
bis Son

P.Mattioli, Lodovico Mavelet, Charles Maupini, Paolo

P.Mayer, Dieterick

---, Henry ----, Conrad P.---, Rodolf

P. Mazzola, Francesco Meck, or V. Mechelin, Israel

Melar,

Melar, Adrian Mellan, Claude Mellan, G. Melloni, Francesco Mercand, Pierre Mercati, Jo. Baptist Merian, Matthew Merl, John Messager, John P. Metelli, Agostino

P. Giof. Maria Meyssens, John

Cornelius Micarino

P. Miele, Giovanni Mignard, Nicolas

P.—, Pierre Mignot, Daniel Mocetus, Hieronymus Moncornet, B. Montbard Moretti, Giuseppi Morin, John Moro, Battifta del Moyreau, John Muller, John ----, Harman Muckerken.

N.

Nadat Nantueil, Robert Napolitano, Filippo Nardois, J. Galiot Natalis, Michael Nefs, Jaques

Neve, Francis Nicoletto, da Modena Nuvolstella, Jo. Geo.

0. Occo, Adolphus Oddi Parmagiano, Mauro Orlandi, Giovanni

Ottens, F. P. Panorn, Alois Calab. P.Paul Veronese, or Caliari P.Parasole Norsino, Leonardo P. Parmegiano, Francefco Parmegianino, Francesco

Pasquilino, Jo. Bap-

Pass, Crispin, sen. -, Crifpin, jun. -, or Passeus, Simon

Passari, Filippo Passaro, Bernardino

P.Passarotti, Bartolomeus

Patavinus, Gaspar - Gerard

Patigny P.Pautre, John le Payn, John Peel, Matthew

Penni,

Penni, Lucas P.Pens, George P.Peroch, Estienne P.Perelle, Nicolas Periecouter P.Perrier, Francois P.Persin, Rainerus Perundt, George P.Peruzzi, Baldassar Perzyn, Robert Pefarese, Simon P.Pesne, John Picart, John ---, Estienne ---, Bernard Picinæ, Elizabeth Piccina, Isabel, a Nun P.Piccino, Jaques Piccioni, Matteo Picquet Piper, Francis le Pitau, N. Podesta, Jo. Andrew Poilly, Nicolas de -, Francis de P. Polemberg, Cornelius P.Pond Pontius, Paulus Pool, Matthew Popels, John Possemieres, Adrian Pressier, of Copenhagen Procaccini, Camillo P. Procaccinus, Jul. Cæfar.

Quaft, Peter Queborn, Crispin P.Quiter, Hermannus Henry

R. Randon Raimondi, Marc. Ant. Ravenna, Silvester da Ravennati, Marco Ravenate, Simon Francis Ravenstein, Gaspar Regnassion, N.

P.Rembrandt, van Rhin Reverdin, or Ravenftein

P.Ribera, Giuseppi Ricci, Jo. Baptist Ridolfi, P. Robetta Rochfort, de Roger Roghmans, Giertruy Rogheman, Hendr. Lambert Roli, Joseph Maria Romsteadt, Christopher

P. Rosa, Salvator Rossi, Hieronymus -, Henrico ---, Domenico di

P. Rosa, Martino

Roulet.

Roulet, Jo. Louis
Roussel, Paul
Rousselet, Giles
P.Rubens, Sir Peter Paul
Rucholle, P.

P. \_\_\_\_\_, Ægidius Rugeri, Guido.

S.
Sadeler, Raphael
—, John
—, Rodolph
—, Ægidius
—, Justus
Saenredam, John
P.Salamanca, Antonio
Salimbeni, Ventura
Salmenicius, Andreas
Sandrart, John Jacob
P.—, Joachim

P.—, Susanna
Sarrabat, John
Saraceni, Carlo
Sarragon, John
Sauvé, John
Scalzi, Lodovico
Scaminossi, Rassaello
Scaramuccia, Luigi
Schaussig, Hans
Schenk, Peter

P.Schon, Martin
Schoonebeek, Adam
Schorel, John
Scotin, G.
—, J. B.
Scorza, Simbaldo

Scuppen Sebenzanus Secu, Martin de Scruuter, P. Septimius, Hercules Setti Scupel, John a Sezenius, Valentinus Sichen, Cornelius Silvestre, Susanna ----, Ifrael Simon, Peter ---, John Simmoneau, Car. sen. , Car. jun. Sirani, Giovanni P.—, Elizabetha P.—, Jo. Andrea Skenius, Bartholomew Smeltzing, John Smidtz, of Berlin Smith, John P.Smith, Thomas Snyers, Hendrick Sole, Virgilius Sole, Jo. Joseph da Sorito, Jo. Baptist Souberaine Soutman, Peter Spagnoletto Specchi, Alessandro Spiez, Hubert P.Spierre, Francesco Spirinx

P.Steen, Franciscus
Stella, Claudius

Stephani, P. Stephanoni, Pietro P. Stivens, Peter Stimer, Tobias Stock, Andreas Stoltzius Strada, Vespasiano Stringa, Francesco Stuerhelt, F. Suavius, Lombart Suruge Suftermans, Lombart Suyderhoef, John Wil-Swanenberg, liam Sweerts, Michael Sylvett, John Tardieu, Nicolas Tasiniere, George Tavernier, M. P. Tempesta, Domenico -, Antonio P. Terzi, Francesco Testa, Pietro \_\_\_\_, Julio Cesare Testana, Joseph ---, Jo. Baptist Thelot, Jo. Philip Thibout, B. Thomassin, E. \_\_\_\_, H. S. jun. Thourneissen, H. P. Tibaldi, Domenico Tib6

Timus, L. Tinti, Lorenzo Tomasini, Filippo Tompson, Philip -, Robert P. Torre, Flaminio Torrebat, Francois Trento, Antonio da Troscel, B. , John Trouvain, A. Troyen, John. Vaccario, Andrea Vænius, Gisbert Vaillant, William -, William Valder, John Valet, William P. Valesio, G. Luigi Valk, John -, Gerard Vallée, S. Valleius, A. Van Ælst, Nicolas - Audenard, R. - Boons, David - Boucle \_\_\_ Bremden, D. \_\_\_ Craen - Culmhac, Hans \_\_\_ Dalen, C. Sen. \_\_\_ Dalen, C. jun. — Dyck, Sir Anthony Gunst, Philip Van

Van Hossanen, Uuaet	Vanden Embden,
- Hulfen, Efaias	
	Martin
-Lochum, Mi-	Vanden Hoeye, Rom-
chael	bout
- Luych, H.	Vander Bruggen,
- Mechelin	
- Mecelin, The-	John
	- Doel, Anthony
odore	Heyden, Jacob
P.— Mieris, W.	Nelpe, Peter
- Munichuyen	- Staren, Dirick
Rhin	Vanni, Francesco
Savoyen, Ca-	
rolus	Jo. Baptist
	Var, Dirich, the Ne-
Schuppen	phew
- Scheindel, G.	Vans, John
Semple, Peter	Vassouns, John
- Sichem, C.	
- Sichem, Chris-	Vaughan, Robert
	Veenhuysen, J.
topher	Venenti, Julio Ce-
- Schoor, Jaques	fare
- Sickler, Peter	Veneziano
- Somer, Peter	Verkelie, N.
- Somer, M.	P.—, Hans
Tulden, The-	, ITANS
	Vermeulen, C.
odore	Vertue, George
- Uden, Lucas	Viani, Giovanni
— Uliet	Vicentini, Gio. Nic-
Voerst, Robert	cola
Westerhout,	, Uberto
Arnold	Vice Francisco
Vande - Steen,	Vico, Æneas
	P. Villamena, Fran-
Francis	cesco
Velde, John	P. Vischer, Cornelius
P.— Velde, Will.	Visker, John de
PVenne, Andrew	Join do
Vandel Borcht, Peter	37:0
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Visker, L.

—, Nicolas
Vivares, F.

P. Vivien, John
Ulric, Henry
Voerierot, Peter
Voet, Alexander, jun.
Vouillemont, Sel.
Vorst, Robert de
Vos, Martin de
P. Vosterman, Lucas,

sen.

, Lucas,

jun.

Wagman, Hendrick Waldreick Waterlo, Antonius Watteau Waumans, Coenrad Weigel, Christopher White, Robert

Widerman, Elias Wierx, Anthony ---, Hieronymus Will, J. G. Wilant, J. J. Wingendorf, G. Wirix, John Wolfgang, G. A. P. Wolgemut, Michael P.Wormache, Antonius S. Zabello, Jo. Franceico Zagel, Mattheus ---, Theodore Zani, Jo. Baptist Zarlati, Gioseffo. Zazingeri Zenoi, Domenico

Zyll, C.

Zink, Martin

Zylvedt, A.



