

**Catalogue of Hawkins's museum of useful and mechanical inventions /
[John Isaac Hawkins].**

Contributors

Hawkins, John Isaac, 1772-1855.

Publication/Creation

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27939/P
CATALOGUE

OF

HAWKINS'S MUSEUM,

OF USEFUL AND

MECHANICAL INVENTIONS,

No. 79,

GREAT TITCHFIELD-STREET,

St. Mary-le-Bone, London;

Which will be finally closed on Saturday the 21st of
July instant, the Proprietor having engaged
in Engineering Operations that require
the whole of his Attention:

ALSO,

*A List of several Models, some Musical Instruments,
and a valuable Assortment of printed Music,
to be sold cheap.*

LONDON:

Printed by J. and E. Hodson, Cross Street, Hatton Garden.

—00000—
1810.

CATALOGUE
OF
HAWKINS'S MUSEUM
OF
ANTHROPOLOGY
AND
ETHNOLOGY
IN
LONDON
TERMS OF ADMISSION.

Single Admission 2s. 6d.

A Party of Four 7s. 0d.

A Party of Eight 10s. 6d.

The Admission Money will be allowed to Purchasers.



CATALOGUE.

1. MODES of turning one Shaft from another in Millwork, without Wheels, by which a great expence may be saved in many large manufactories; the Model for sale at 5*l.* 5*s.*

Invented by John Isaac Hawkins, 1801

2. An easy method of strengthening such shafts, so as to save much valuable timber, 2*l.* 2*s.* *J. I. H. 1804*

3. A cheap and simple self-acting Extinguisher, applicable to any candle or candlestick, 1*s.* 6*d.* to 2*s.* 6*d.* *J. I. H. 1805*

4. A simple mode of describing Ellipses, by means always at hand; particularly useful to Artists *J. I. H. 1802*

5. A Violin which shuts up in a small compass for the pocket, exhibiting the curious fact, that the body of the instrument may be separated, without injuring the tone, 3*l.* 3*s.* to 12*l.* 12*s.* *J. I. H. 1792*

6. A simple way of finding the proper shape of the mould-board of a Plough, by adopting which, Farmers would save a great deal of animal labour, 1*l.* 1*s.* *J. I. H. 1802*

7. Model of a cheap, simple, and portable Horse-mill, working with very little friction, 1*l.* 1*l.*s. 6*d.* *J. I. H.* 1803

8. Model of a Fire Escape, easily applied to a house from the street, by which many lives and much property may be saved, 8*l.* *J. I. H.* 1799

9. A pair of Globes, mounted in cases, where they are always ready for use, and yet always protected from injury *J. I. H.* 1804

10. Model, producing a Rotative from a Rectilinear Motion, for Steam Engines.

The late Mr. Samuel Bunce.

11. A Model to shew why certain parts of Cast Iron Bridges break by the expansion and contraction of the metal, and another to point out a remedy. *J. I. H.* 1807—12. Model of a Bridge with one arch, capable of being built over the Thames at London, at a very small expence, 8*l.* *J. I. H.* 1804

13. Method of regulating the force of Wind or other irregular power, so as to turn a piece of machinery steadily. *J. I. H.* 1806—14. A plan for accumulating small forces, by which a valuable power may be raised, without the labour being felt, for various agricultural, domestic, and other useful purposes, 5*l.* 5*s.* *J. I. H.* 1804

15. The Claviole, or Finger-keyed Viol, a new musical instrument, with 68 gut-strings, which will not go out of tune, played in the same manner, and producing all the brilliancy of the piano forte, and grandeur of the organ, and is in effect, a band of violins, tenors, violoncellos, and double bass. *J. I. H.* 1798

This instrument will be manufactured, whenever 20 of them are ordered, at 200 guineas each.

16. Book Shelves so constructed that in case of fire, a large library may be removed in a few minutes without injuring a book, 16*l.* 16*s.*

J. I. H. 1799

17. A cheap, durable, and effectual apparatus for filtering water, particularly useful to those who go to sea, 1*l.* 1*s.* to 8*l.* 8*s.* *J. I. H.* 1804

18. Model of a machine to be towed across a river, which will at the same moment, draw on paper to any reduced scale, the exact shape of the bottom, shewing at one view, the depth of water in every part, together with the width of the river, (unfinished) 2*l.* 2*s.* *J. I. H.* 1807

19. A double Lever Press, very cheap, and much superior to any in use for various purposes, 3*l.* 3*s.* *J. I. H.* 1801

20. An imitation of the pretended Perpetual Motion, that has been exhibited for some months past in London, and the manner of the Fraud exposed, 3*l.* 3*s.*

21. A model, on a plan very generally imagined to be capable of producing perpetual motion, 3*l.* 3*s.*

22. A Model on another plan, 2*l.* 2*s.*

23. Model of a Horizontal Windmill, for draining marshes, and various other purposes

The Abbé Fleury.

24. Plan for working a Water Wheel by means of tide, as well at high and low water as at other times of tide *J. I. H.* 1803

25. A contrivance for obtaining great power at the sea side, for working mills, draining marshes, &c. *J. I. H.* 1806

26. A Press for Book-binders, by which they can cut a book on three sides, at once fixing in the Press, 2*l.* 2*s.* *J. I. H.* 1801

27. A simple and cheap contrivance, easily attached to a door, to make it shut close at bottom, and yet rise over a carpet, 8s. *J. I. H. 1804*

28. A cheap and ornamental Door Spring, to shut the door in winter, and keep it open in summer, 7s. *J. I. H. 1800*

29. An instrument for gathering the most delicate fruit from the upper and outer branches of trees without bruising it, 1*l.* 1s. *J. I. H. 1808*

30. A Grand Piano Forte, which, by means of spiral strings, and a metallic frame, is made to occupy less room than any other piano forte, and yet produce a full grand tone. *J. I. H. 1796*

This instrument will be manufactured whenever 10 of them are ordered, at 100 guineas each.

31. A new system of Musical Notation, by which a single character, varying in its situation and proportions, is made to answer all the purposes of more than 30, used in the common mode of writing music; all the uses of this character may be learnt in five minutes, and are so easily retained in the memory, that when once known can scarcely ever be forgotten; on this plan, a person who has no previous knowledge of music, may be taught to play on the piano forte or organ in a few hours, 7*s.* 6*d.*

J. I. H. 1807

32. A simple Musical Time Beater.

33. A method of rendering the harmonic vibrations of strings visible to the eye, from whence is seen, the reason why full chords on the harp and claviole are richer than on any other instrument.

J. I. H. 1804

34. A Polygraph, or an instrument for writing two or more letters at the same time, with common pens.

J. I. H. 1799

N. B. The patent of this is sold to Mr. Farthing, 43, Cornhill, who manufactures them for sale. They are sold also at the Museum, price 10 guineas for 2 pens

35. A Night Writer, or an Instrument for Writing in the Dark, 15s. *J. I. H. 1807*

36. A Book for writing Letters in Cypher, extremely difficult to be decyphered

J. A. Tulk, Esq.

37. A Plan for ditto. *J. I. H. 1795*

38. An Instrument for taking the outlines of perspective views, 25l. *J. I. H. 1803*

39. A Saddle, on a new plan, particularly easy, 6l. 6s. *J. I. H. 1799*

40. A Pair of Spectacles, that can be worn without bearing on the nose. *J. I. H. 1808*

41. A Plan for a City, which would be particularly healthy, pleasant, convenient, and safe from general conflagration. *J. I. H. 1800*

42. Method of describing the outlines of the face in words and numbers, so as to be written in a letter. *J. I. H. 1805*

43. An instrument on the above plan, for the use of artists, by which they may copy, enlarge, or reduce a drawing or painting of any size, so as to preserve their grand outline in true proportion. *J. I. H. 1807*

44. An Analytical Table, of the names of the lines and spaces on which music is written, from whence they may be learnt in much less time than by any method published *J. I. H. 1796*

45. A Band for turning Lathes, or any other machinery, extremely durable. *J. I. H. 1797*

46. A Method of making a substitute, equal in every respect to the best Indian ink, in one

minute, from materials to be procured almost every where. Mr. Thomas Gill.

47. A Machine for drawing likenesses, either in profile or full face, the only one hitherto invented, by which the features can be accurately delineated, 80*l*.

J. I. H. 1800

48. An Instrument to draw the outlines of the face for modelling busts, 60*l*.

Such of the above models, of which there are not duplicates, cannot be delivered until Monday the 23rd inst. but a deposit is expected on them when sold.

FOR SALE.

	£	s.	d.
A fine toned Violoncello and Bow	10	10	0
A Violin and Case	3	3	0
A Viol di Gamba, and a strong Hair Case	1	11	6
An Eolian Harp	1	1	0
A ditto	0	8	0
A Tripod, suitable for a theodolite or Telescope	1	11	
A Copying Press, with large Brass Rollers	2	2	
The original Manuscript, and a beautifully written copy in score, of Barthelemon's celebrated Oratorio of the Nativity, or Birth of the Messiah, together with Single Parts, for a numerous Vocal and Instrumental Band, the copying alone cost Mr. Barthelemon upwards of 100 <i>l</i> the whole to be sold, with the copy-right, for			
	30	0	

A large quantity of Music, by Haydn, Mozart, Pleyel, Barthelemon, Clementi, Von Esch, Latour, &c. &c. the greatest part at half price, and some at less than a quarter price.

J. I. HAWKINS is ready to dispose of any of the following inventions on the terms annexed to each, for which he will give ample descriptions and drawings, and for some, working models or complete machines.

To save unnecessary trouble, and in order that he may not be drawn into a premature disclosure of his plans, the Inventor is determined not to communicate the principles of them until the respective premiums are paid, which sums he will engage to return, whenever the purchaser can prove that he has not received sufficient instructions, or, that after using due diligence, he cannot make the invention answer the purpose described.

1. A Gauge Liquor Cock, by which a servant can draw no more liquor than he is ordered to do, 1000*l*.

Invented 1801

2. A portable Instrument with finger-keys, somewhat like those of the piano forte, for writing short-hand, 200*l*.

1796

3. An Instrument, by which an artist may, at the same time he is painting a portrait in oil as large as life, paint several miniatures of different sizes, some as small as the finger-nail, and all perfect likenesses, 500*l*.

1803

4. A Grand Piano Forte, to produce continuous tones, like the organ, and yet lose nothing of its brilliancy, 500*l*.

1799

5. An Apparatus, to be applied to a piano forte, organ, violin or violoncello, that shall write down in a legible character, any extemporaneous music which may be played on the instrument, 500*l*. 1800

6. A Planetarium, intended as a magnificent ornament to a park, and to occupy several acres of ground, 500*l*. 1797

7. A new mode of printing music with types, and a printing press for the purpose, applicable also to various kinds of mathematical and ornamental printing, 300*l*. 1795

8. An apparatus for drying newspapers, and other printed sheets, without loss of time, 100*l*. 1806

9. A Mathematical Instrument for measuring distances at one station, designed to lessen the labour of surveying, 500*l*. 1803

10. An Instrument to engrave the fac simile of a letter on copper, at the same time that it is written, 500*l*. 1805

11. Machinery for staining paper, printing calicoes, painting floor cloths, &c. any number of colours at one operation, 1000*l*. 1804

12. A Pair of Globes of 6 feet or more diameter, that shall in a few minutes be shut up in a small box, 200*l*. 1805

13. A Machine, to be drawn over a hill, which shall at the same time describe on paper an exact section of the hill to any given scale, 1000*l*. 1810

J. I. HAWKINS continues to give Advice and Plans to persons about to erect Machinery, or engage in public Works, and he flatters himself he will often be able to point out methods by which considerable savings may be made, and inconveniencies avoided.

HAWKINS'S CHEAP FILTERS,

having given general satisfaction, and being recommended by numerous Physicians as of immense importance to the health and comfort of the Public, since they render the water sweet, as well as clear, will be manufactured and sold as usual.

Alu .	Ete .	Pip .	Pop
Amu .	Eve .	Sig .	Bo
A' z!	'Eve .	Bib .	Gog
~ t	Eye .	Did .	Woo
Mam .	Eke .	Tit .	Oth
Nan .	Ewe .	Ili .	Poo
Gag .	Reer .	Ibi .	Noo
Flah!	Sees .	Minim .	On
Pap .	Deed .		Tod
Tat .	Peep .		Odi
Abba .	Level .		
aga .	Ecce , madidam .		
Aha!	Sedes . mappam .		
Hannah .	Tenet		
Drakard	Terret		
Drakard	^{achon} a name .	Glenabg	
Glenabg			