

Specification of John Buddle : fire grate or stove.

Contributors

Buddle, John.

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A.D. 1814 N^o 3783.

S P E C I F I C A T I O N

OF

JOHN BUDDLE.

FIRE GRATE OR STOVE.

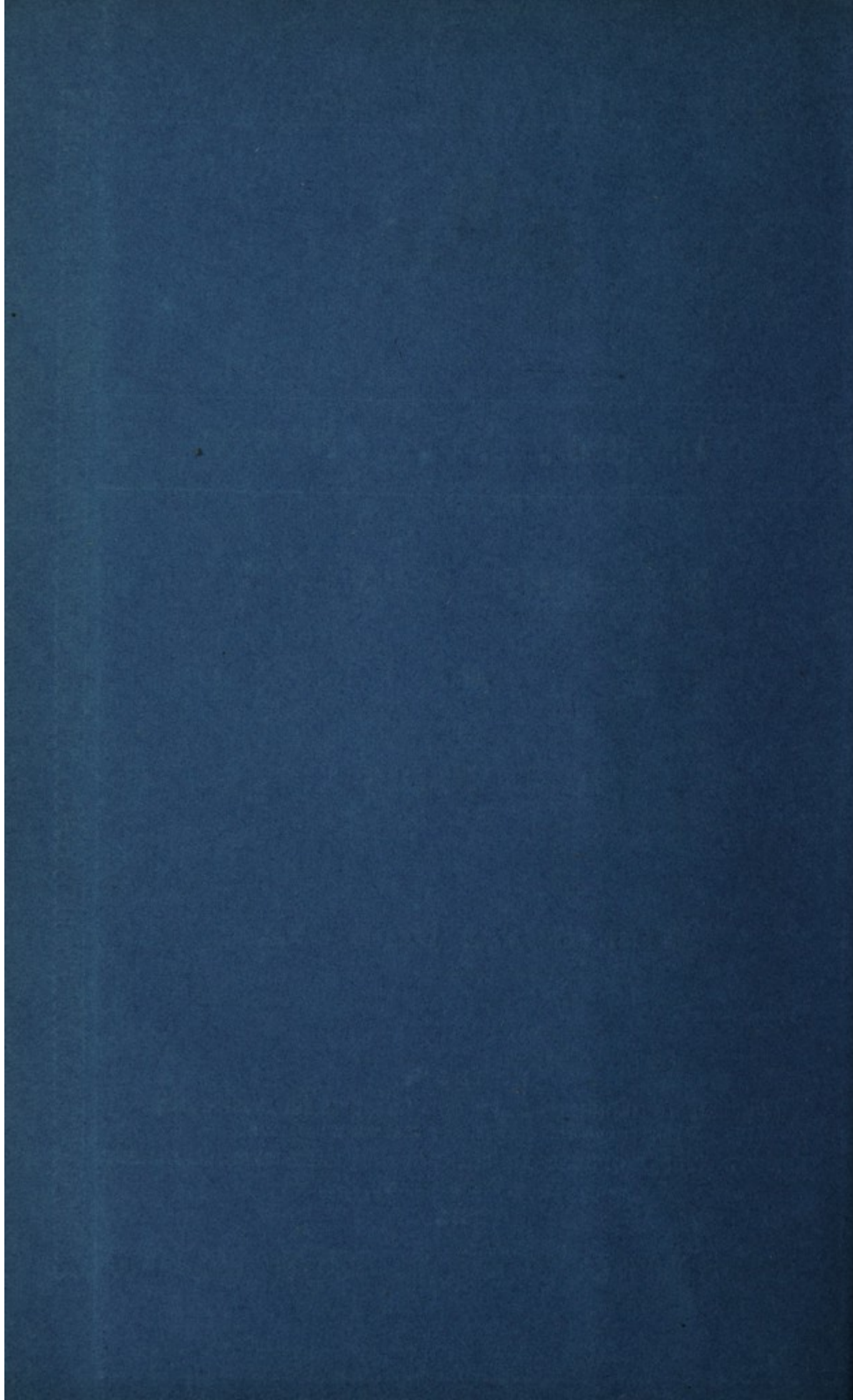
L O N D O N :

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PRINTERS TO THE QUEEN'S MOST EXCELLENT MAJESTY:

PUBLISHED AT THE QUEEN'S PRINTING OFFICE, EAST HARDING STREET,
NEAR FLEET STREET.

Price 6d.

1854.





A.D. 1814 N° 3783.

Fire Grate or Stove.

BUDDLE'S SPECIFICATION.

TO ALL TO WHOM THESE PRESENTS SHALL COME, JOHN BUDDLE, of Wallsend, in the County of Northumberland, Gentleman, send greeting.

WHEREAS His most Excellent Majesty King George the Third, by His Letters Patent under the Great Seal of the United Kingdom of Great Britain and Ireland, bearing date at Westminster, the Twenty-first day of February, 5
in the fifty-fourth year of His reign, did give and grant unto me, the said John Buddle, my exors, admors, and assigns, His especial licence, full power, sole privilege and authority, that I, the said John Buddle, my exors, admors, and assigns, and every of them, during the term of years therein expressed, should and lawfully might make, use, exercise, and vend, within that part of 10
the United Kingdom of Great Britain and Ireland called England, the Dominion of Wales, and Town of Berwick upon Tweed, in such manner as to me the said John Buddle, my exors, admors, and assigns, or any of them, should seem meet, my Invention of "A FIRE PAN OR FIRE LAMP, IN WHICH 15
SMALL OR INFERIOR COALS MAY BE CONSUMED IN THE PLACE OF LARGE OR ROUND COALS, AND ALSO MY INVENTION OF A FIRE GRATE OR FIRE STOVE TO BE FIXED AT THE BOTTOM OF THE CHIMNEY IN THE ORDINARY MODE, IN WHICH FIRE GRATE OR FIRE STOVE SMALL OR INFERIOR COALS MAY BE CONSUMED ON ALL OCCASIONS, AND FOR ALL THE SAME PURPOSES AS LARGE OR ROUND COALS;" in which said Letters Patent 20
there is contained a proviso obliging me, the said John Buddle, by an instrument in writing under my hand and seal, to cause a particular description of the nature of my said Invention, and in what manner the same is to be performed, to be inrolled in His said Majesty's High Court of Chancery within two calendar months after the date of the said recited Letters Patent, as in

Buddle's Improved Fire-pan, &c. for Consuming Small or Inferior Coal.

and by the same, reference being thereunto had, will more fully and at large appear.

NOW KNOW YE, that I, the said John Buddle, in compliance with the said proviso, do hereby describe and ascertain the nature of my said Invention of the said fire pan or fire lamp, and in what manner the same is to be performed, 5 as follows, reference being had to the Drawings in the annexed Schedule (that is to say) :—

First, the fire pan or fire lamp may be made of a circular or pentagonal or rectangular or any other convenient shape. The body of it may be formed horizontally or vertically, with a pyramidal, convex, conical, horizontal, or 10 concave bottom, or a bottom of any other shape that may be found convenient, and such bottom may be made of iron, brass, or any other materials. The bottom of the fire pan or fire lamp should either be formed into one or more vertical tubes, or one or more vertical tubes should be fixed into the bottom of the fire pan or fire lamp for the purpose of admitting the air. These tubes may be made of iron or 15 any other metal, and may be formed of vertical or horizontal bars, or in any other shape that may be sufficiently capable of admitting the air freely into the fire. Dampers or valves may be fixed at the bottom of the tubes for the purpose of qualifying and regulating the admission of the air, as circumstances may require, and a funnel or funnels should be placed on that side of the fire pan or fire 20 lamp from which the wind may happen to blow, to be used and applied as occasion may require. In the annexed Schedule I have delineated six Drawings of the fire pan or fire lamp. Figure I. represents a rectangular fire pan or fire lamp with a pyramidal bottom. A shews the tube or chimney through the bottom ; B, the damper or valve to regulate the admission of the air ; C, the 25 handle.

The sides D, E, F, G, may be formed of parallel bars or of perforated plates. Figure II. represents the plan of the same rectangular fire pan or fire lamp with its tube and sides. Figure III. represents a circular fire pan or fire lamp with a conical bottom. Figure IV. represents the plan of the same circular 30 fire pan or fire lamp. Figure V. represents the section of a vertical fire pan or fire lamp, which may be made of a circular or pentagonal or rectangular or any other shape that may be found convenient. A shews its tube or chimney ; B, B, the body ; C, C, its legs ; D, the damper or valve ; E, its handle. Figure VI. represents a rectangular fire pan or fire lamp with an horizontal 35 bottom. A shews the funnel with the several branches, numbers 1, 2, 3, 4, for the purpose of admitting the air into the fire through the bottom. I also described and ascertain the nature of my said Invention of the fire-grate or fire

Buddle's Improved Fire-pan, &c. for Consuming Small or Inferior Coal.

stove, and in what manner the same is to be performed, as follows, reference being also had to the Drawing in the annexed Schedule (that is to say):—

The fire grate or fire stove must be made with a pervious back, and must be placed in such a manner as that a space may be left between such pervious
 5 back and the back wall of the fire-place. Such space is intended to form an aperture for the admission of air into the back part of the fire through the pervious back, and a damper or valve is to be fixed at the bottom or top of such aperture to regulate the admission of the air, as circumstances may require. In the annexed Schedule I have also delineated a Drawing of a fire
 10 grate or fire stove, namely, Figure VII. represents the section of a fire grate or fire stove. A shews the fire-place; B, B, the space between the pervious back and the back wall of the fire-place; C, C, the dampers or valves; D, D, the pervious back; G, G, the bars in the ordinary way; H, the ash-pit; K, the chimney.

15 In witness whereof, I, the said John Buddle, have hereunto set my hand and seal, this Second day of April, in the fifty-fourth year of the reign of our Sovereign Lord George the Third, by the Grace of God of the United Kingdom of Great Britain and Ireland King, Defender of the Faith, and in the year of our Lord One thousand eight hundred and
 20 fourteen.

JOHN (L.S.) BUDDLE.

Signed, sealed, and delivered (being first
 duly stamped) in the presence of

PEREGRINE GEO. ELLISON,

25

of Newcastle upon Tyne.

AND BE IT REMEMBERED, that on the Second day of April, in the year
 of our Lord 1814, the aforesaid John Buddle came before our said Lord the
 King in His Chancery, and acknowledged the Specification aforesaid, and all
 and every thing therein contained and specified, in form above written. And
 30 also the Specification aforesaid was stampd according to the tenor of the
 Statute made for that purpose.

ELLISON, Extra.

Inrolled the Fifth day of April, in the year of our Lord One thousand
 eight hundred and fourteen.

LONDON :

Printed by GEORGE EDWARD EYRE and WILLIAM SPOTTISWOODE,
 Printers to the Queen's most Excellent Majesty. 1854.

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