

Specification of Mary Howson : tubular boilers.

Contributors

Howson, Mary.

Publication/Creation

London : Queen's Printing Office, 1854 (London : George E. Eyre and William Spottiswoode)

Persistent URL

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A.D. 1789 N^o 1685.

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

OF

MARY HOWSON.

—
TUBULAR BOILERS.
—

LONDON:

PRINTED BY GEORGE E. EYRE AND WILLIAM SPOTTISWOODE,
PRINTERS TO THE QUEEN'S MOST EXCELLENT MAJESTY:

PUBLISHED AT THE GREAT SEAL PATENT OFFICE,
25, SOUTHAMPTON BUILDINGS, HOLBORN.

Price 5d.

1854.

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A.D. 1789 N° 1685.

Tubular Boilers.

HOWSON'S SPECIFICATION.

TO ALL TO WHOM THESE PRESENTS SHALL COME, I, MARY
Howson, of Tottenham High Cross, in the County of Middlesex, Widow,
send greeting.

WHEREAS His most Excellent Majesty King George the Third, by His
5 Letters Patent under the Great Seal of Great Britain, bearing date at West-
minster, the Ninth day of June, in the twenty-ninth year of His reign,
did give unto me, the said Mary Howson, His special licence, that I,
the said Mary Howson, during the term of years therein expressed, should
and lawfully might make, use, exercise, and vend, within that part of the
10 Kingdom of Great Britain called England, the Dominion of Wales, and
Town of Berwick upon Tweed, an Invention communicated to me by my
brother, Isaac Lascelles Winn, of the Island of Jamaica, of "**CERTAIN UNI-**
VERSAL AND PERPETUAL PRINCIPLES OF SAVING FUEL IN THE HEATING, BOILING, OR
EVAPORATING OF ALL KINDS OF FLUIDS, AND CERTAIN NEW INVENTED STILLS AND
15 **BOILERS;**" in which said Letters Patent there is contained a proviso obliging
me, the said Mary Howson, by an instrument in writing under my hand and
seal, to cause a particular description of the nature of the said Invention, and
in what manner the same is to be performed, to be inrolled in His Majesties
High Court of Chancery within one calendar month next and immediately
20 after the date of the said recited Letters Patent, as in and by the same, rela-
tion being thereunto had, may more fully appear.

NOW KNOW YE, that in compliance with the said proviso, I, the said
Mary Howson, do hereby declare that the nature of the said Invention, and
the manner in which the same is to be performed, is described as follows, that
25 is to say :—

Howson's Improvements in Stills and Boilers, &c.

The universal and perpetual principles of saving fuel in the heating, boiling, or evaporating all kinds of fluids is the introducing of fire by means of stills and boilers so set, fixed, and constructed with communications by tubes, trunks, or pipes and flues that the fire may circulate, pass, and repass under, between, in, or through the body of fluid to be heated; and these principles and the application thereof to a still or boiler as constructed with tubes, trunks, pipes, and flues are described and shewn in the Plan or Drawing hereon made, and the references thereto, as follows, that is to say:—The fire is made at A, and passing under the bottom to the back of the still or boiler where it divides and returns to B, B, then ascending, enters the tubes C, C, in the still or vessell, and passes through the body of the liquid, and vents itself at the flue D. The stills or boilers may be made without heads, and with a fixt swan neck, and it may be charged, or a person enter to clean it by a door E in the top, so constructed as to be air-tight without luterling. The tubes, trunks, or pipes may be more or less in number, according to the size of the vessell. The flues may be varied in shape, and the principles may be applied to stills and boilers of every description.

In witness whereof, I, the said Mary Howson, have hereunto set my hand and seal, the Eighth day of July, in the year of our Lord One thousand seven hundred and eighty-nine.

MARY HOWSON. (L.S.)

Sealed and delivered by the within-named Mary Howson, being first duly stampt, in the presence of

NATH. ALLEN.

JOHN SPENCE.

AND BE IT REMEMBERED, that on the Eighth day of July, in the year of our Lord 1789, the aforesaid Mary Howson came before our said Lord the King in His Chancery, and acknowledged the Specification aforesaid, and all and everything therein contained and specified, in form above written. And also the Specification aforesaid was stampt according to the tenor of the Statutes made for that purpose.

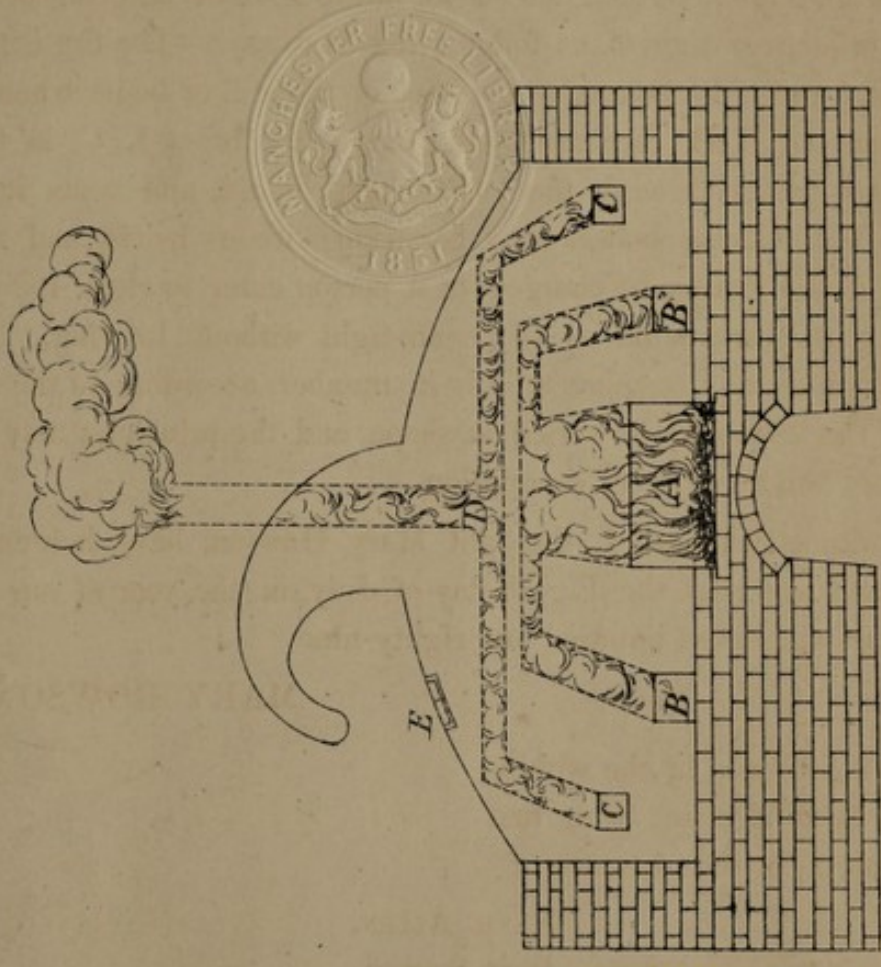
Inrolled the Eighth day of July, in the year of our Lord One thousand seven hundred and eighty-nine.

LONDON:

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

A.D. 1789. JUNE 9. N^o 1. 685
HOWSON'S SPECIFICATION.

(1 SHEET)



The enrcilled drawing is colored.

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Malby & Sons, Lith.

