

Specification of William Henry Graveley : cooking and distilling apparatus for ships.

Contributors

Graveley, William Henry.

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A.D. 1855 N° 1271.

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

OF

WILLIAM HENRY GRAVELEY.

COOKING AND DISTILLING APPARATUS
FOR SHIPS, &c.

LONDON:

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

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Price 3d.

1855.



A.D. 1855 N° 1271.

Cooking and Distilling Apparatus for Ships, &c.

LETTERS PATENT to William Henry Graveley, of 40, Upper East Smithfield, in the Parish of Saint Botolph Aldgate, in the County of Middlesex, Ship's Fire Hearth Manufacturer, for the Invention of "**AN IMPROVED APPARATUS FOR COOKING PURPOSES, AND IMPROVEMENTS FOR THE PRODUCTION OF FRESH WATER FOR SHIP AND LAND USE.**"

Sealed the 5th October 1855, and dated the 4th June 1855.

(Void by reason of the Patentee having neglected to file a Specification in pursuance of the conditions of the Letters Patent.)

PROVISIONAL SPECIFICATION left by the said William Henry Graveley at the Office of the Commissioners of Patents, with his Petition, on the 4th June 1855.

I, WILLIAM HENRY GRAVELEY, of 40, Upper East Smithfield, in the Parish
5 of Saint Botolph Aldgate, in the County of Middlesex, Ship's Fire Hearth
Manufacturer, do hereby declare the nature of the said Invention for "**AN
IMPROVED APPARATUS FOR COOKING PURPOSES, AND IMPROVEMENTS FOR THE PRODUCTION OF FRESH WATER FOR SHIP AND LAND USE,**" to be as follows, that is to say:—

Firstly, in arranging and erecting an apparatus for the purpose of cooking,
10 which is especially adapted for ship use, and in such manner as to economise
by distributing more effectually the given amount of heat obtained by the
combustion of fuel to the various cooking parts thereof, and in constructing
the said cooking apparatus in such manner as to provide when necessary a

Graveley's Improved Apparatus for Cooking Purposes, &c.

given amount of heated atmospheric air or steam, for the purpose as herein given as the second part of my Invention, which is as follows:—In the production of fresh water for ship and land use, by means of an improved distilling apparatus, arranged so as to combine the advantages of distillation and cooking by the one operation or separately when required, and so constructed as to provide a much greater quantity of wholesome fresh water that can be obtained by the ordinary methods of distillation. For the above purpose I use any description of salt or sea water, or other solutions from which fresh pure water can be extracted, and by means of steam or heated air, so regulated and supplied from the first part of my Invention (as herein given), or from any other convenient source, as to cause the same to evaporate into proper receptacles under a low pressure of atmosphere, by which means I am enabled to condense more rapidly a pure aeriform vapour into wholesome fresh water for all purposes for which it may be required.

LONDON:

Printed by GEORGE EDWARD EYRE and WILLIAM SPOTTISWOODE,
Printers to the Queen's most Excellent Majesty. 1855.