

Specification of Charles Bartholomew : treating sewage.

Contributors

Bartholomew, Charles.

Publication/Creation

London : Great Seal Patent Office, 1871 (London : George E. Eyre and William Spottiswoode)

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A.D. 1870, 20th JULY. N° 2048.

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

OF

CHARLES BARTHOLOMEW.

—

TREATING SEWAGE.

—

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.

1871.





A.D. 1870, 20th JULY. N° 2048.

Treating Sewage.

(This Invention received Provisional Protection only.)

PROVISIONAL SPECIFICATION left by Charles Bartholomew at the Office of the Commissioners of Patents, with his Petition, on the 20th July 1870.

I, CHARLES BARTHOLOMEW, of Doncaster, in the County of York, do
5 hereby declare the nature of the said Invention for "**IMPROVEMENTS IN
TREATING SEWAGE AND IN MANUFACTURING MANURE,**" to be as follows :—

This Invention has for its object improvements in treating sewage
and in manufacturing manure. For these purposes I pass sewage
through a filter charged with earth, and to accelerate the flow and also
10 simultaneously to cause air to traverse the filter I employ suction or
air pressure. In this way the sewage is exposed to the oxidizing action
of the air whilst in the filter and in contact with the earth which it
contains, this greatly aids in rendering it innocuous.

To prevent the earth in the filter becoming spent and clogged with
15 the impurities of the sewage without stopping the operation of the filter
I remove some of the earth continuously or from time to time from the
bottom of the filter and add fresh earth at the top.

The earth removed from the filter is valuable as a manure.

LONDON:

Printed by GEORGE EDWARD EYRE and WILLIAM SPOTTISWOODE,
Printers to the Queen's most Excellent Majesty. 1871.

