

Specification of Augustus Edward Schmersahl : treating sewage.

Contributors

Schmersahl, Augustus Edward.

Publication/Creation

London : Great Seal Patent Office, 1874 (London : George E. Eyre and William Spottiswoode)

Persistent URL

<https://wellcomecollection.org/works/azwgr95t>

License and attribution

This work has been identified as being free of known restrictions under copyright law, including all related and neighbouring rights and is being made available under the Creative Commons, Public Domain Mark.

You can copy, modify, distribute and perform the work, even for commercial purposes, without asking permission.



Wellcome Collection
183 Euston Road
London NW1 2BE UK
T +44 (0)20 7611 8722
E library@wellcomecollection.org
<https://wellcomecollection.org>



A.D. 1874, 12th JANUARY. N° 160.

SPECIFICATION

OF

AUGUSTUS EDWARD SCHIMERSAHL.

TREATING SEWAGE.

LONDON:

PRINTED BY GEORGE E. EYRE AND WILLIAM SPOTTISWOODE,

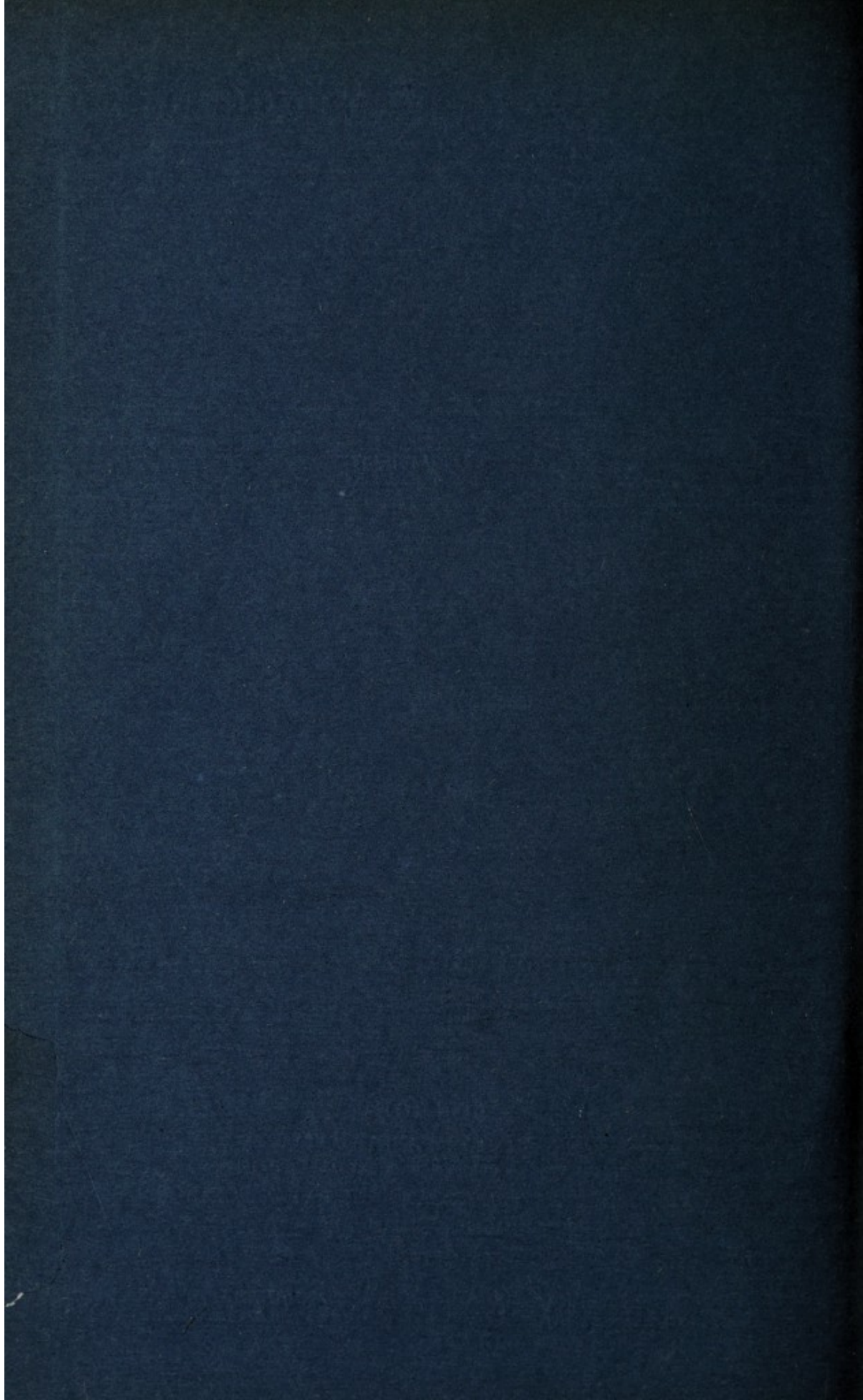
PRINTERS TO THE QUEEN'S MOST EXCELLENT MAJESTY:

PUBLISHED AT THE GREAT SEAL PATENT OFFICE,

25, SOUTHAMPTON BUILDINGS, HOLBORN.

Price 4d.

1874.





A.D. 1874, 12th JANUARY. N° 160.

Treating Sewage.

(This Invention received Provisional Protection only.)

PROVISIONAL SPECIFICATION left by Augustus Edward Schmersahl at the Office of the Commissioners of Patents, with his Petition, on the 12th January 1874.

I, AUGUSTUS EDWARD SCHMERSAHL, of Manchester, in the County of
5 Lancaster, Manufacturing Chemist, do hereby declare the nature of the said Invention of "IMPROVEMENTS IN TREATING SEWAGE WATER AND OTHER FOUL LIQUIDS," to be as follows :—

My process consists in treating the sewage water or other foul liquid with a mixture of acids, say, two parts of sulphuric acid mixed with
10 water, and one part of hydrochloric acid. Of this mixture I use only sufficient to make the sewage or other liquid slightly acid to decompose all matters in combination or solution contained therein, and then I add sufficient milk lime to neutralize the acid again. After agitation a precipitate immediately falls, and the effluent water resulting is clear
15 and without smell. The proportions herein-before stated are varied according to the nature of the sewage or other foul liquid under

Schmersahl's Improvements in Treating Liquid Sewage.

operation. By this treatment I produce a precipitate containing all the useful matters in combination or solution or suspension in the sewage or other foul liquid, and which precipitate I employ as manure, or in the manufacture of manure when mixed with other suitable ingredients.

LONDON:

Printed by GEORGE EDWARD EYRE and WILLIAM SPOTTISWOODE,
Printers to the Queen's most Excellent Majesty. 1874.

