

Specification of John Howard Kidd : deodorising sewage and making artificial manure.

Contributors

Kidd, John Howard.

Publication/Creation

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

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A.D. 1874, 19th May. N^o 1764.

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

OF

JOHN HOWARD KIDD.

DEODORISING SEWAGE AND MAKING
ARTIFICIAL MANURE.

LONDON:

PRINTED BY GEORGE E. EYRE AND WILLIAM SPOTTISWOODE,

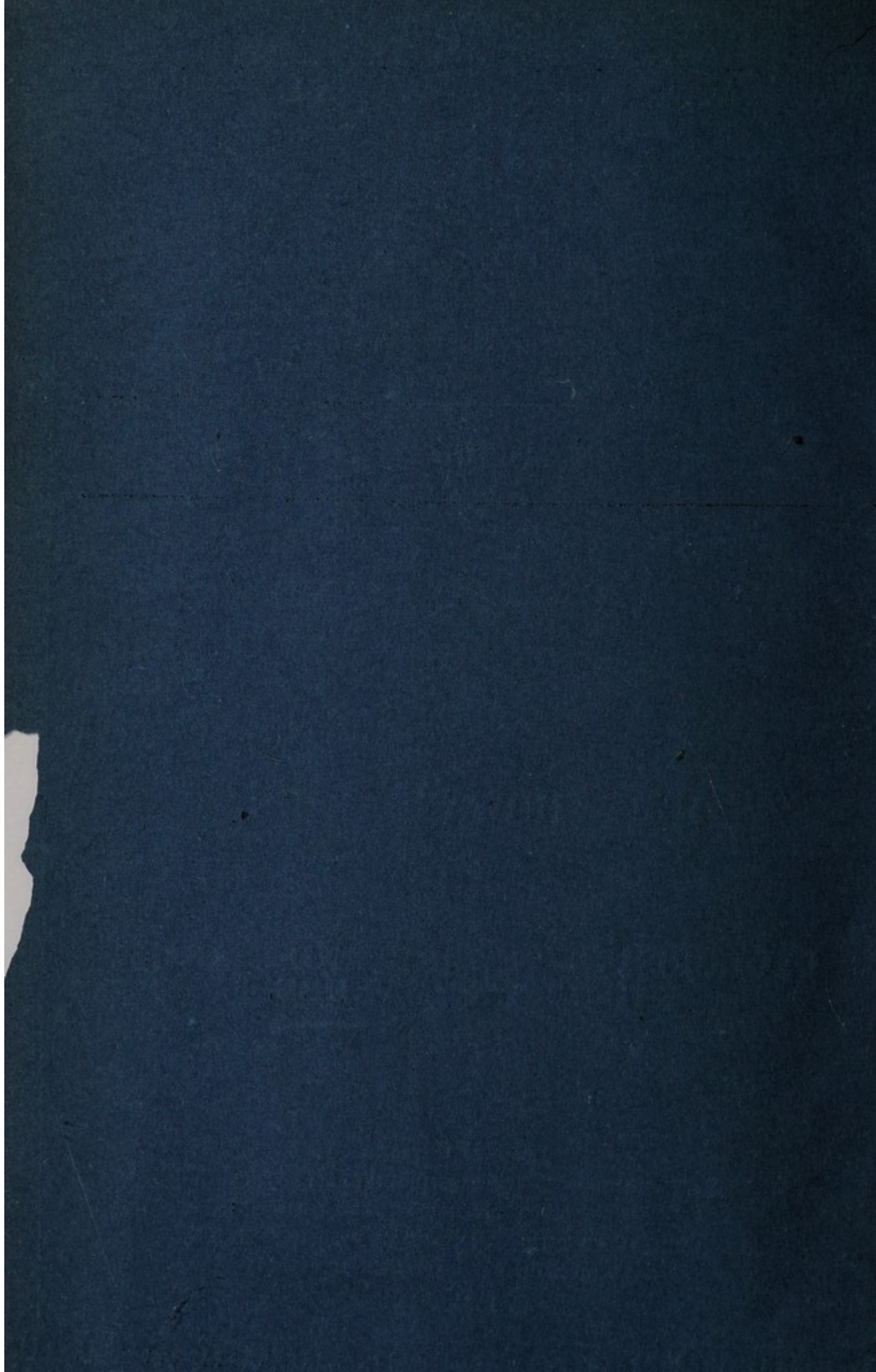
PRINTERS TO THE QUEEN'S MOST EXCELLENT MAJESTY:

PUBLISHED AT THE GREAT SEAL PATENT OFFICE,

25, SOUTHAMPTON BUILDINGS, HOLBORN.

Price 4d.

1874.





A.D. 1874, 19th MAY. N^o 1764.

Deodorising Sewage and Making Artificial Manure.

(This Invention received Provisional Protection only.)

PROVISIONAL SPECIFICATION left by John Howard Kidd at the Office of the Commissioners of Patents, with his Petition, on the 19th May 1874.

I, JOHN HOWARD KIDD, of Wrexham, in the County of Denbigh, do
5 hereby declare the nature of the said Invention for "IMPROVEMENTS IN
THE PREPARATION AND APPLICATION OF CERTAIN MATERIALS FOR DEODORISING
SEWAGE, NIGHT SOIL, AND LIKE MATTERS, AND IN THE MANUFACTURE OF ARTIFICIAL
MANURES," to be as follows:—

My Invention consists in applying as a deodorizer carbonaceous or
10 coal shales or coal washings, which materials are heated or carbonised in
a suitable furnace, such as retort furnaces, and are then pulverised, if
desired. When thus prepared it is mixed with the sewage or night soil
or other like matters requiring to be deodorized.

In treating sewage the solid matter is allowed to settle in tanks, then
15 the surplus water is drained away, and salt or lime is added, and then
sufficient mineral carbon or material obtained from carbonaceous shales

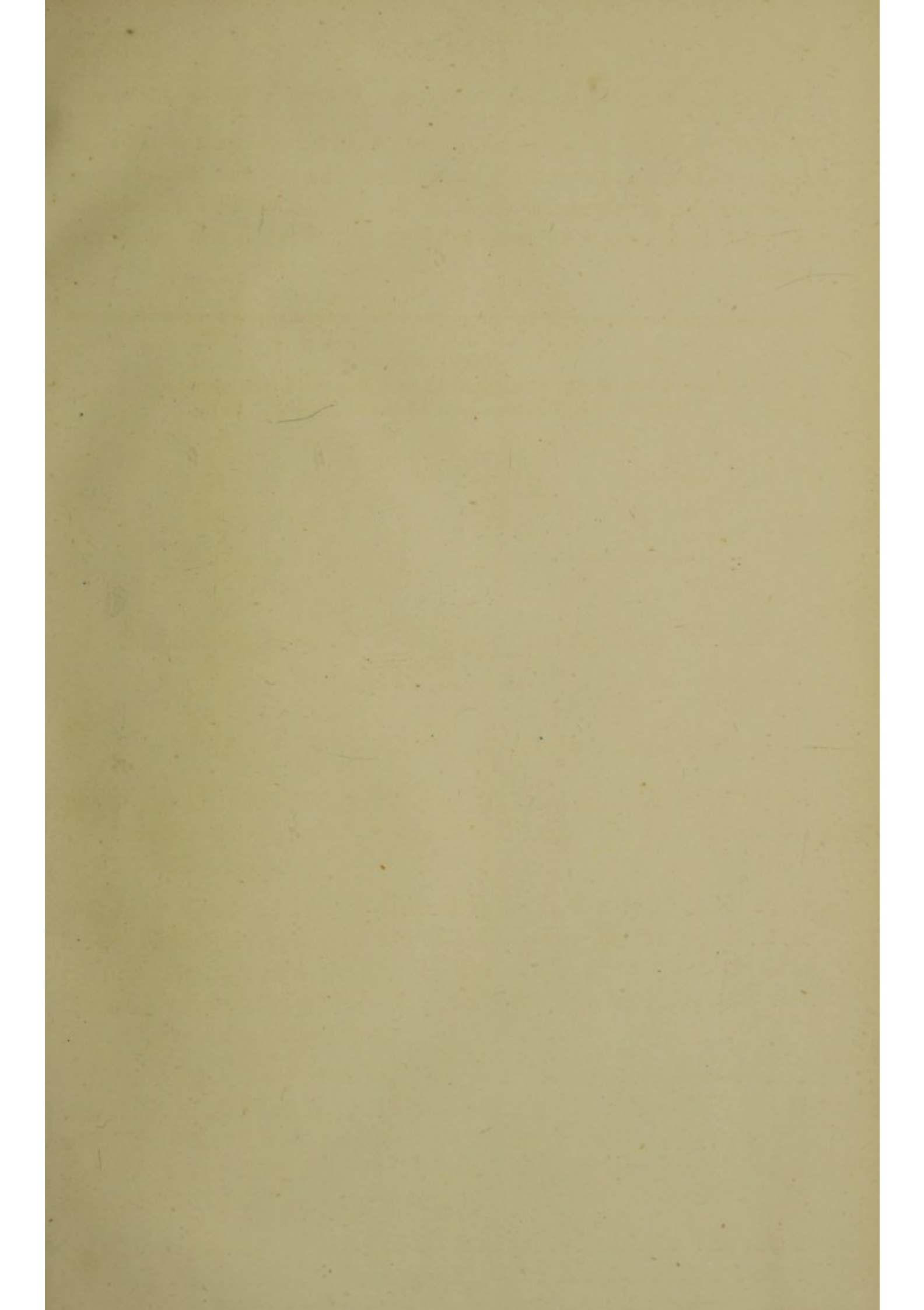
Kidd's Impts in Deodorising Sewage and Making Artificial Manure.

or coal washings, as above explained, is added and mixed with the sewage sediment to cause it to dry readily. The material thus obtained is further and greatly enriched as a fertilizer by the addition and mixture of bone dust, nitrate of soda, sulphate of ammonia, and other like matters.

5

LONDON:

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



A.D. 1874--N^o 1784

Journal of the Proceedings of the General Assembly of the Church of Scotland, 1874.

The General Assembly of the Church of Scotland, held at Glasgow, on the 10th, 11th, 12th, 13th, 14th, 15th, 16th, 17th, 18th, 19th, 20th, 21st, 22nd, 23rd, 24th, 25th, 26th, 27th, 28th, 29th, 30th, and 31st of May, 1874, under the presidency of the Rev. James Buchanan, D.D., Moderator.

1874-75.

Printed by James Macmillan & Co., Edinburgh.
Published by the General Assembly, 1874.