

Specification of Matthew Cartwright : palates for artificial teeth.

Contributors

Cartwright, Matthew.

Publication/Creation

London : Great Seal Patent Office, 1862 (London : George E. Eyre and William Spottiswoode)

Persistent URL

<https://wellcomecollection.org/works/jm4kvh5j>

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. 1861, 18th DECEMBER. N° 3169.

SPECIFICATION

OF

MATTHEW CARTWRIGHT.

—
PALATES FOR ARTIFICIAL TEETH.
—

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 3d.

1862.





A.D. 1861, 18th DECEMBER. N° 3169.

Palates for Artificial Teeth.

(This Invention received Provisional Protection only.)

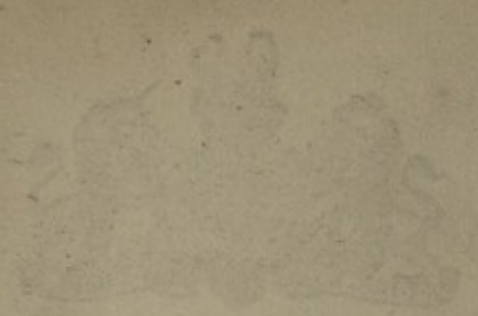
PROVISIONAL SPECIFICATION left by Matthew Cartwright, at the Office of the Commissioners of Patents, with his Petition, on the 18th December 1861.

I MATTHEW CARTWRIGHT, of Carlisle, in the County of Cumberland, Dentist,
5 do hereby declare the nature of the said Invention for "IMPROVEMENTS IN
THE MANUFACTURE OF BEDS OR PALATES FOR THE RECEPTION OF ARTIFICIAL TEETH,"
to be as follows:—

This Invention relates to the manufacture of vulcanite beds or palates for
artificial teeth, and consists in employing the material or composition com-
10 posing the ordinary and well known vulcanite in the form of a solution, which
is painted on to the model by means of a brush or other suitable instrument,
in lieu of being moulded thereon by counterpart dies, thereby dispensing with
the powerful pressure hitherto required in forming vulcanite beds or palates
by the ordinary process. When a sufficient thickness of coating has been ap-
15 plied, the palate is subjected to the action of heat for the purpose of hardening
the same, as is well known in the manufacture of hard india-rubber or
vulcanite articles. If desired, suitable strengthening or filling up pieces may
be applied at those parts requiring extra strength or filling-in in addition to
the coating above referred to. Any suitable or well known means may be
20 adopted for securing the artificial teeth to these beds or palates, and the
solution of the material itself may be effected either by the use of benzole, or
other solvents of india-rubber.

LONDON:

Printed by GEORGE EDWARD EYRE and WILLIAM SPOTTISWOODE,
Printers to the Queen's most Excellent Majesty. 1862.



A.D. 1861, 18th December, No. 3169.



London, 18th December, 1861.

(This invitation respects Mechanical Appliances only.)

PROVISIONAL SPECIFICATION in the Office of the Commissioners of Patents, with the Patent, on the 18th December 1861.

I, Matthew Gurney, of London, in the County of Middlesex, do hereby declare the nature of the said Invention for Mechanical Appliances as follows:—

The Invention relates to the manufacture of various kinds of artificial teeth, and consists in supplying the natural or artificial teeth with a coating of a material which is intended to be applied to the teeth in a liquid form, and which is intended to be dried on the teeth by evaporation, the drying being assisted by the powerful pressure obtained in certain vacuum-beds or presses by the ordinary process. When a sufficient quantity of the coating is applied, the teeth are subjected to the action of a liquid which is intended to be dried on the teeth in the same manner as is well known in the manufacture of artificial teeth. It should be understood that the coating may be applied as those parts requiring extra strength or thickness, or to the coating above referred to. Any material well known may be adopted for covering the artificial teeth to these beds or presses, and the solution of the material itself may be effected either by the use of water or other solvents of suitable nature.

3

LONDON:

Printed by George Funnell, at the Office of the Commissioners of Patents, in the Strand.