

Specification of James Wallace : dental appliances.

Contributors

Wallace, James, active 1795.

Publication/Creation

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A.D. 1868, 27th OCTOBER. N° 3289.

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

OF

JAMES WALLACE.

DENTAL APPLIANCES.

LONDON:

PRINTED BY GEORGE E. EYRE AND WILLIAM SPOTTISWOODE,

PRINTERS TO THE QUEEN'S MOST EXCELLENT MAJESTY :

PUBLISHED AT THE GREAT SEAL PATENT OFFICE,

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Price 6d.

1869.



A.D. 1868, 27th OCTOBER. N° 3289.

Dental Appliances.

LETTERS PATENT to James Wallace, of Glasgow, in the County of Lanark, North Britain, for the Invention of "**IMPROVEMENTS IN DENTAL APPLIANCES.**"

Sealed the 23rd April 1869, and dated the 27th October 1868.

PROVISIONAL SPECIFICATION left by the said James Wallace at the Office of the Commissioners of Patents, with his Petition, on the 27th October 1868.

I, JAMES WALLACE, of Glasgow, in the County of Lanark, North Britain, do hereby declare the nature of the said Invention of "**IMPROVEMENTS IN DENTAL APPLIANCES,**" to be as follows, that is to say:—

This Invention relates to the employment of aluminium as a substitute for other metals and materials employed for dental purposes. It essentially consists in forming the plates and other parts to which
10 artificial teeth are connected of aluminium, the different pieces of which are fastened together by vulcanite or other suitable material.

Wallace's Improvements in Dental Appliances.

Another part of the Invention relates to engraving a design on the part of the plates next the flesh of the mouth, and by which they are more securely held in place than when formed plain or smooth.

SPECIFICATION in pursuance of the conditions of the Letters Patent, filed by the said James Wallace in the Great Seal Patent Office 5 on the 27th April 1869.

TO ALL TO WHOM THESE PRESENTS SHALL COME, I, JAMES WALLACE, of Glasgow, in the County of Lanark, North Britain, send greeting.

WHEREAS Her most Excellent Majesty Queen Victoria, by Her 10 Letters Patent, bearing date the Twenty-seventh day of October, in the year of our Lord One thousand eight hundred and sixty-eight, in the thirty-second year of Her reign, did, for Herself, Her heirs and successors, give and grant unto me, the said James Wallace, Her special license that I, the said James Wallace, my executors, administrators, and 15 assigns, or such others as I, the said James Wallace, my executors, administrators, or assigns, should at any time agree with, and no others, from time to time and at all times thereafter during the term therein expressed, should and lawfully might make, use, exercise, and vend, within the United Kingdom of Great Britain and Ireland, the 20 Channel Islands, and Isle of Man, an Invention for "**IMPROVEMENTS IN DENTAL APPLIANCES**," upon the condition (amongst others) that I, the said James Wallace, by an instrument in writing under my hand and seal, should particularly describe and ascertain the nature of the said Invention, and in what manner the same was to be performed, and 25 cause the same to be filed in the Great Seal Patent Office within six calendar months next and immediately after the date of the said Letters Patent.

NOW KNOW YE, that I, the said James Wallace, do hereby declare the nature of my said Invention, and in what manner the same is to 30 be performed, to be particularly described and ascertained in and by the following statement, reference being had to the accompanying Drawings, and to the letters and figures marked thereon, that is to say :—

My said Invention relates, firstly, to the employment of aluminium 35

Wallace's Improvements in Dental Appliances.

as a substitute for other metals or materials used for dental purposes. It essentially consists in forming the plates and other parts to which artificial teeth are connected of aluminium, the different pieces of which are fastened together by vulcanite or other suitable material.

- 5 Another part of the Invention relates to engraving a design on the part of the plates next the flesh of the mouth and by which they are more securely held in place than when formed plain or smooth.

And in order that my said Invention may be more clearly understood I have hereunto appended a Sheet of Drawing, the figure on which
10 represents in prespective plan a set of teeth A, fitted into a layer of vulcanite B, and fixed to or in combination with the aluminium plate C, the application of which forms the first part of my said Invention. The second part of the Invention, viz., the engraving of certain figures or designs on the plate C for the better attachment of the case to
15 the flesh of the mouth, is clearly shown in the Drawing, in which the dark lines *a* represent one design; but the direction or curvature of these lines may of course be varied as desired.

Having now described the nature of my said Invention, and the manner in or under which the same is or may be used or practically
20 carried into effect, I would observe in conclusion that what I consider novel and original and therefore claim as the Invention secured to me by the herein-before in part recited Letters Patent is, the application of aluminium in lieu of other metals or materials hitherto used for dental plates, and the formation of a figure or design thereon by
25 engraving or other means for the better attachment of the same to the flesh of the mouth.

In witness whereof, I, the said James Wallace, have hereunto set my hand and seal, this Twenty-third day of April, One thousand eight hundred and sixty-nine.

30

JAMES WALLACE. (L.S.)

LONDON:

Printed by GEORGE EDWARD EYRE and WILLIAM SPOTTISWOODE,
Printers to the Queen's most Excellent Majesty. 1869.

Witness's Depositions to be taken in England

It is a well-known fact that the public mind is not easily satisfied with a mere statement of facts. It is necessary to show the facts and their connection with the principles of the law. The following is a statement of the facts of the case, as given by the witness.

Another part of the invention relates to engraving a design on the part of the plate next the back of the mouth and by which they are more securely held in place than when formed plain or smooth.

And in order that my said invention may be more clearly understood I have herewith appended a sheet of drawing, the figure on which represents in perspective plan a set of teeth A, fitted into a layer of rubber B, and fixed to a combination with the elastic plate C, the application of which forms the part of my said invention. The several parts of the invention, viz. the engraving of certain figures or designs on the plate C for the better attachment of the same to the back of the mouth is shown in the drawing, in which the back of the mouth is represented as a part of the elastic plate C. These lines may of course be varied as desired.

Having now described the nature of my said invention, and the manner in or under which the same is or may be used or practised, I would state that I would claim in connection therewith that what I consider to be the novel and useful character of the invention is the application of the elastic plate in part coated with rubber to the application of the design to form of other means or materials which will be of use in the application of a figure or design thereon by engraving or other means for the better attachment of the same to the back of the mouth.

In witness whereof I, the said James Wallace, have hereunto set my hand and seal, this Twenty-third day of April, One thousand eight hundred and eighty-nine.

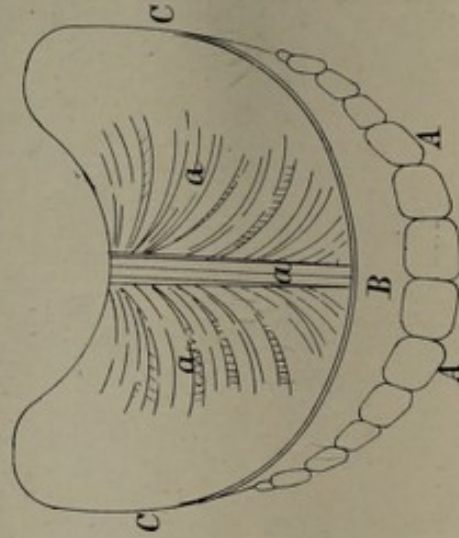
JAMES WALLACE, (Jr.)

LONDON:

Printed by James Fox and William Sturges, 15, Abchurch Lane, London, E.C. 4.

A.D. 1868, Oct. 27. N^o 3289,
WALLACE'S SPECIFICATION.

(1 SHEET)



The filed drawing is colored.

Drawn on Stone by Malby & Sons.

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Printers to the Queen's most Excellent Majesty. 1869.

