

Specification of Edwin Thomas Truman : artificial plates and teeth.

Contributors

Truman, Edwin Thomas.

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A.D. 1856 N° 61.

SPECIFICATION

OF

EDWIN THOMAS TRUMAN.

ARTIFICIAL PALATES AND TEETH.

LONDON:

PRINTED BY GEORGE E. EYRE AND WILLIAM SPOTTISWOODE,
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1856.





A.D. 1856 N° 61.

Artificial Palates and Teeth.

LETTERS PATENT to Edwin Thomas Truman, of Old Burlington Street, in the County of Middlesex, Dentist in Ordinary to Her Majesty's Household, for the Invention of "**IMPROVEMENTS IN ARTIFICIAL PALATES AND TEETH.**"

Sealed the 20th May 1856, and dated the 8th January 1856.

PROVISIONAL SPECIFICATION left by the said Edwin Thomas Truman at the Office of the Commissioners of Patents, with his Petition, on the 8th January 1856.

I, EDWIN THOMAS TRUMAN, of Old Burlington Street, in the County of Middlesex, Dentist in Ordinary to Her Majesty's Household, do hereby declare the nature of the said Invention for "**IMPROVEMENTS IN ARTIFICIAL PALATES AND TEETH**" to be as follows:—

My Invention consists in embedding or combining wire gauze of any suitable metal with any mineral substance or substances, which is or are now or may be employed in the manufacture of palates and teeth.

Truman's Improvements in Artificial Palates and Teeth.

SPECIFICATION in pursuance of the conditions of the Letters Patent, filed by the said Edwin Thomas Truman in the Great Seal Patent Office on the 8th July 1856.

TO ALL TO WHOM THESE PRESENTS SHALL COME, I, EDWIN THOMAS TRUMAN, of Old Burlington Street, in the County of Middlesex, 5 Dentist in Ordinary to Her Majesty's Household, send greeting.

WHEREAS Her most Excellent Majesty Queen Victoria, by Her Letters Patent, bearing date the Eighth day of January, in the year of our Lord One thousand eight hundred and fifty-six, in the nineteenth year of Her reign, did, for Herself, Her heirs and successors, give and grant unto 10 me, the said Edwin Thomas Truman, Her special licence that I, the said Edwin Thomas Truman, my executors, administrators, and assigns, or such others as I, the said Edwin Thomas Truman, my executors, administrators, and 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 15 lawfully might make, use, exercise, and vend, within the United Kingdom of Great Britain and Ireland, the Channel Islands, and Isle of Man, an Invention for "**IMPROVEMENTS IN ARTIFICIAL PALATES AND TEETH**," upon the condition (amongst others) that I, the said Edwin Thomas Truman, my executors or administrators, by an instrument in writing under my, or their, 20 or one of their hands and seals, should particularly describe and ascertain the nature of the said Invention, and in what manner the same was to be performed, and 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.

25

NOW KNOW YE, that I, the said Edwin Thomas Truman, do hereby declare the nature of my said Invention, and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement thereof, that is to say:—

My Invention consists in imbedding or combining wire gauze of any suitable 30 metal in or with any mineral substance or substances, which is or are now or may be employed in the manufacture of artificial palates and teeth. Or, instead of wire gauze, metal plate perforated so as to form network may be employed, though not so advantageously. The object of my Invention is to afford as extended a medium of attachment as may be to resinous substances, such as 35 gutta percha, or to metals. I employ the means at present adopted for manufacturing the teeth or palates, but instead of using pins, slotted plates, or loops to attach the teeth or palates to other substances I employ wire gauze or

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metallic network for that purpose. I insert the wire gauze into the tooth or teeth or into the palate in the manner and position best adapted for affording the most extended medium of attachment to the gutta percha, resinous, or metallic substances with reference to the situation which the tooth or palate
5 is intended to occupy in the mouth.

I carry my Invention into effect by pressing suitable parts of the wire gauze into the substance of which the tooth or palate is formed previous to its being baked or fired. Thus, in the case of palates, I place thereon a piece of wire gauze with the edges frayed out, and forming points projecting downwards into
10 the mineral. The body of the wire gauze remains upon or just above the upper part of the mineral substance. After baking, the wire gauze or network upon the top of the mineral presents a surface upon which gutta percha or other like suitable material may be held or fixed, and this can be moulded to the gums, and be made to form an easy and comfortable appliance. In the
15 case of teeth, the points or frayed edges of the wire gauze are embedded in the tooth or teeth, and the body of the gauze remains outside on the inner side or base of the tooth, and affords an extended medium of attachment.

And having now described the nature of my said Invention, and the manner in which the same is to be performed, I declare that I claim the embedding or
20 combining of wire gauze or metallic network in any suitable mineral substance employed in the manufacture of artificial palates and teeth.

In witness whereof, I, the said Edwin Thomas Truman, have hereunto set my hand and seal, this Eighth day of July, One thousand eight hundred and fifty-six.

25

EDWIN THOS^S TRUMAN. (L.S.)

LONDON :

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Printers to the Queen's most Excellent Majesty. 1856.

THE PATENT OF THE LONDON AND WESTMINSTER DENTAL INSTITUTION

metallic network for that purpose. I insert the wire gauze into the tooth or teeth or into the palate in the manner and position best adapted for affixing the most extended medium of attachment to the gums, teeth, or palate, or metallic substances with reference to the situation which the teeth or palate is intended to occupy in the mouth.

I carry my invention into effect by passing suitable parts of the wire gauze into the substance of which the tooth or palate is formed, previous to its being fixed or fixed. Thus in the case of palate, I place thereon a piece of wire gauze with the edges frayed out, and turning points projecting downwards into the animal. The body of the wire gauze remains upon or just above the upper part of the animal's substance, and being the wire gauze or not, work upon the top of the animal's part, and upon which gums, teeth, or other like suitable material may be made to form an arch and suitable appliance. In the case of teeth, the points or frayed edges of the wire gauze are embedded in the tooth or teeth, and the body of the gauze remains outside on the inner side or back of the tooth, and affords an extended medium of attachment.

And having now described the nature of my said invention, and the manner in which the same is to be performed, I declare that I claim the right of my invention as consisting of wire gauze or metallic net work in any suitable animal substance employed in the construction of artificial palates and teeth.

In witness whereof, I, the said Edwin Thomas Treman, have hereunto set my hand and seal, this Eighth day of July, One thousand eight hundred and fifty-six.

EDWIN THOMAS TREMAN, (Esq.)

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