

Specification of Thomas Godfrey : artificial teeth.

Contributors

Godfrey, Thomas.

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A.D. 1866, *22nd JUNE.* N^o 1662.

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

OF

THOMAS GODFREY.

ARTIFICIAL TEETH.

LONDON:

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A.D. 1866, 22nd JUNE. N° 1662.

Artificial Teeth.

LETTERS PATENT to Thomas Godfrey, of 17, Hanover Street, Hanover Square, in the County of Middlesex, for the Invention of "**IMPROVEMENTS IN ARTIFICIAL TEETH.**"

Sealed the 28th December 1866, in pursuance of an Order of the Lord Chancellor, and dated the 22nd June 1866.

PROVISIONAL SPECIFICATION left by the said Thomas Godfrey at the Office of the Commissioners of Patents, with his Petition, on the 22nd June 1866.

I, THOMAS GODFREY, of 17, Hanover Street, Hanover Square, in the County of Middlesex, do hereby declare the nature of the said Invention for "**IMPROVEMENTS IN ARTIFICIAL TEETH,**" to be as follows:—

My Invention consists, 1st., in making the body or base of artificial teeth of greater strength and less weight than hitherto constructed, and 2ndly, in affixing the said teeth to the gums or roof of the mouth.

10 For effecting the 1st improvement I form the body or base of vulcanite or vulcanized india-rubber, and affix a piece of thin gold or other metal (by wire or otherwise) on the surface thereof, strengthened on the under side with tin or aluminum.

For effecting the 2nd part of my said Invention I form a hollow 15 chamber or recess of a circular or other form in the body or base of the

Godfrey's Improvements in Artificial Teeth.

artificial teeth, which base fits into the roof or upper portion of the mouth, and round this chamber I form a raised border or ridge, so that when placed in the mouth the suction alone will cause it to adhere closely to the flesh.

SPECIFICATION filed in pursuance of the conditions of the Letters Patent, and of an Order of the Lord Chancellor, by the said Thomas Godfrey in 5 the Great Seal Patent Office on the 1st January 1867.

TO ALL TO WHOM THESE PRESENTS SHALL COME, I, THOMAS GODFREY, of 17, Hanover Street, Hanover Square, in the County of Middlesex, send greeting.

WHEREAS Her most Excellent Majesty Queen Victoria, by Her Letters 10 Patent, bearing date the Twenty-second day of June, in the year of our Lord One thousand eight hundred and sixty-six, in the thirtieth year of Her reign, did, for Herself, Her heirs and successors, give and grant unto me, the said Thomas Godfrey, Her special licence that I, the said Thomas Godfrey, my executors, administrators, and assigns, or such others as I, the said Thomas 15 Godfrey, 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 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 20 ARTIFICIAL TEETH**," upon the condition (amongst others) that I, the said Thomas Godfrey, my executors or administrators, by an instrument in writing under my, or their, 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 25 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 Thomas Godfrey, 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 30 following statement:—

My Invention has for its object, 1st., to increase the strength and diminish the weight of the body or base of artificial teeth; 2ndly., to increase the adhesive or holding power of the base or artificial to the natural palate.

For effecting the first part of my said Invention I form the base of artificial 35 teeth of ebonite or vulcanite, and fix a thin stratum of gold on the upper

Godfrey's Improvements in Artificial Teeth.

surface with a sub-stratum of alluminum between it and the vulcanite base, thus giving the necessary strength to the said base without increasing its weight.

For effecting the second part of my said Invention, I form a hollow chamber,
5 cavity, or recess of any desired shape in the under surface of the base, or that portion of the artificial base which is fitted to the palate, and completely round this cavity I form a raised rib or head, so that when placed in the mouth the suction from the roof causes a vacuum in the cavity and the teeth thereby held more firmly and securely to the palate than when the cavity is
10 formed in the ordinary manner.

I claim as my Invention the strengthening of the base of artificial teeth as described under the 1st part of this Specification; and, secondly, the raised border or surface of the hollow chamber in the base or palate portion. I do not, however, claim as my Invention the chamber itself, but simply the
15 improvement as herein described.

In witness whereof, I, the said Thomas Godfrey, have hereunto set my hand and seal, this Thirty-first day of December, in the year of our Lord One thousand eight hundred and sixty-six.

THOS. GODFREY. (L.S.)

LONDON :

Printed by GEORGE EDWARD EYRE and WILLIAM SPOTTISWOODE,
Printers to the Queen's most Excellent Majesty. 1867.

GODFREY'S IMPROVEMENT IN ARTIFICIAL TEETH.

invention with a sub-structure of aluminium between it and the supporting base, thus giving the necessary strength to the said base without increasing its weight, and as a result of it, I have the said improvement, which is as follows:

For effecting the second part of my said invention, I form a hollow chamber, cavity, or recess of any desired shape in the under surface of the base, or that portion of the artificial base which is fitted to the palate, and completely around this cavity I form a raised rib or heel, so that when placed in the mouth the suction from the roof causes a vacuum in the cavity and the teeth thereby held more firmly and securely to the palate, than when the cavity is formed in the ordinary manner.

I claim as my invention the strengthening of the base of artificial teeth as described under the first part of this specification; and, secondly, the raised body or surface of the hollow chamber in the base or palate portion, I do not, however, claim as my invention the chamber itself, but simply the improvement as herein described.

In witness whereof, I, the said Thomas Godfrey, have hereunto set my hand and seal, this thirty-first day of December, in the year of our Lord One thousand eight hundred and sixty-six.

THOS. GODFREY. (s.)

LONDON:

Printed by Thomas Rowlandson, and William Broderick, at the Green's meat Market, Bishopsgate, 1866.