

L. J. P. E. GAILLARD.

Dental-Plugger.

No. 159,173.

Patented Jan. 26, 1875.

Fig. 1.



Fig. 2.



Witnesses.

Do S. Coomes
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Inventor.

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UNITED STATES PATENT OFFICE.

LOUIS JEAN PAUL EUGENE GAILLARD, OF PARIS, FRANCE.

IMPROVEMENT IN DENTAL PLUGGERS.

Specification forming part of Letters Patent No. **159,173**, dated January 26, 1875; application filed January 2, 1875.

To all whom it may concern:

Be it known that I, LOUIS JEAN PAUL EUGENE GAILLARD, of Paris, France, have invented a certain new and useful Improvement in Dental Pluggers, of which the following is a specification:

This invention is illustrated in the accompanying drawing, in which—

Figure 1 is a front view of my invention, and Fig. 2 is a side view, partly in section, of the same.

This invention consists of an instrument for plugging the ends of teeth; and it is constructed of a handle having at one end a disk, which is provided with a plugging-pin and a pad of india-rubber or other suitable material, arranged in such a manner that the plugging-pin can be placed next the material filled into the end of a tooth, and that the patient can bring one of his jaws to bear on the pad, whereby the plugging-pin is pushed forward and the filling material compacted.

In the drawing, the letter *a* designates a handle of any suitable construction, upon one end of which is formed or secured a disk, *b*. On one side of this disk is formed a stud, into which I insert a plugging pin or tool, *c*, the same being held in place by means of a screw-thread, or by any other suitable means, so as to render it detachable. The disk *b* is cup-shaped, and contains a pad, *d*, of india-rubber, wood, or other material, which is inserted in the disk in such a way that it is directly opposite the plugging-pin *c*, and so that it

can be taken out to be replaced by a new one or for any other purpose.

When the metal or other filling material has been introduced endwise into the cavity of a tooth, the pin *c* is placed or held upon the filling material by the operator. The patient is then required to set his or her teeth so as to bring the jaw opposite the carious tooth to bear on the pad *d*, whereby the plugging-pin is pushed or driven forward and the material is firmly compressed in the cavity.

By this means much thicker layers can be used and a much larger surface compressed than by the pluggers heretofore used, which require a great expenditure of power, and do not always produce the necessary pressure, especially as regards filling with gold. The operation is also much more quickly performed, an important advantage, considering the abundance of saliva present, and which prevents a good stopping by ordinary means.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The within-described instrument for plugging teeth, constructed of the handle *a* and the disk *b*, provided with a pad, *d*, and a plugging-pin, *c*, the whole being combined substantially as and for the purpose described.

GAILLARD.

Witnesses:

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