

C. SCHAERFF.
Dental-Pluggers.

No. 218,321.

Patented Aug. 5, 1879.

Fig. 1.

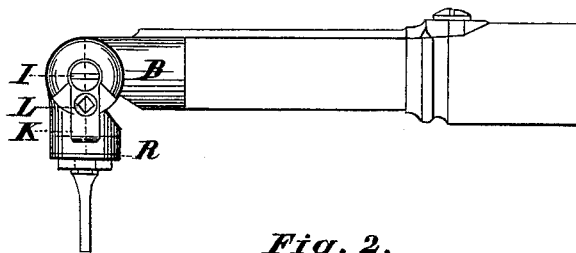
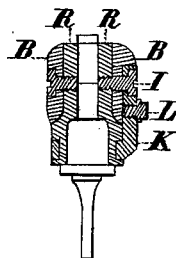


Fig. 2.



Witnesses.

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UNITED STATES PATENT OFFICE

CARL SCHAEFF, OF PHILADELPHIA, PENNSYLVANIA.

IMPROVEMENT IN DENTAL PLUGGERS.

Specification forming part of Letters Patent No. **218,321**, dated August 5, 1879; application filed November 26, 1878.

To all whom it may concern:

Be it known that I, CARL SCHAEFF, of the city of Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented a new and useful Improvement in Dental Pluggers, of which the following is a specification.

The object of this invention is to furnish an adjusting mechanism and adjustable case of the bit-holder, attached to the main case of the dental plugger, which is satisfactory in its use and simple in construction; and it consists in details of construction hereinafter described and claimed.

In the accompanying drawings, in which similar letters of reference indicate like parts, Figure 1 is a side view of the device embodying my invention. Fig. 2 is a vertical section of the same.

The adjusting-arm K, Figs. 1 and 2, is a flat little bar provided with a ring, by which it is fastened to the lower part of the case R of the bit-holder. Through the flat and rounded-off head of said bar is made a hole to receive the screw I, which is one of the two screws running from both sides to a certain extent through the jointed head-pieces of the main case B and the said case R, and which, as far as they go through the head-pieces of case B, are left smooth, to allow the moving of the case R of the bit-holder in the joint and to ren-

der the same adjustable. The said screw I, being smooth at the part near its head, holds the head of the adjusting-arm in place, and serves at the same time as its pivot. The heads of the screw I and the adjusting-arm K, Fig. 1, are set in a recess made in the surface on the side of the head of the main case B, which recess, opening below outwardly, indicates the limits between which the case R of the bit-holder is adjustable by the adjusting-arm K. About in the middle of said arm, between its head and ring, is a set-screw, L, Fig. 1, resting in said recess in case B. By means of this set-screw the adjustable case R of the bit-holder is kept in place, and held in any desired position or angle with the main case B, within the limits of the recess.

I am aware that it is not new to provide a dental plugger with a plugging-point holder adjustably attached to the main case or stock, so that the angle may be varied. I do not, therefore, broadly claim such as my invention.

What I claim is—

The combination, with the main case B, recessed, as shown, and the bit-holder case R, of the adjusting-arm K and set-screws I L, substantially as described.

CARL SCHAEFF.

Witnesses:

LOUIS BERNIUS,
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