

No. 740,549.

PATENTED OCT. 6, 1903.

V. W. GILBERT.
DENTAL PLIERS.

APPLICATION FILED FEB. 20, 1903.

NO MODEL.

FIG. 1.



FIG. 2.

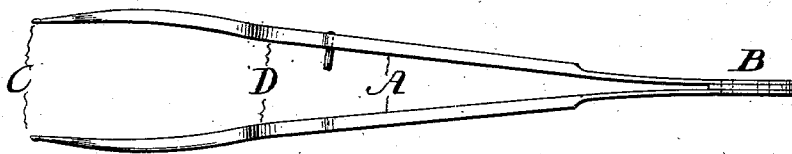


FIG. 3.

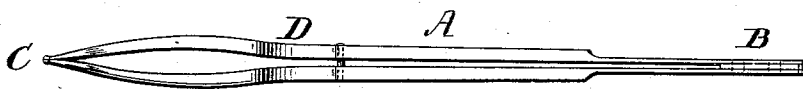


FIG. 4.



WITNESSES:

Arthur E. Paige
Wm. H. Rudolph

INVENTOR:

Virgil Walter Gilbert,
by Edward J. Simpson, Jr.
Attorney.

UNITED STATES PATENT OFFICE.

VIRGIL WALTER GILBERT, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR
TO THE S. S. WHITE DENTAL MANUFACTURING COMPANY, OF PHILA-
DELPHIA, PENNSYLVANIA.

DENTAL PLIERS.

SPECIFICATION forming part of Letters Patent No. 740,549, dated October 6, 1903.

Application filed February 20, 1903. Serial No. 144,182. (No model.)

To all whom it may concern:

Be it known that I, VIRGIL WALTER GILBERT, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented a certain new and useful Improvement in Dental Pliers; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to dental pliers, and is applicable more especially to that class commonly known as "foil" pliers and pluggers.

The object of the invention is to provide dental pliers of this character with a finger-rest to better adapt them for applying and plugging foil and other forms of gold fillings in tooth-cavities.

In the accompanying drawings, Figure 1 is a side view of a pair of pliers indicating the application of my invention. Fig. 2 is a top view of said pliers, showing the members thereof separated. Fig. 3 is a similar view showing said members pressed together. Fig. 4 is an end view, on a greatly-enlarged scale, of the serrated working end of the pliers.

The pliers to which my improvement is applicable consists of two members A A, united at butt-end B and normally sprung apart or separated by reason of their spring-like construction, as is usual in dental pliers of this class. The opposite ends of the plier members are suitably curved and formed into

plugger-points C, which when pressed together constitute a single plugger-point. This plugger-point, as shown, is ball-like in shape, and its front or working surface may be serrated, as clearly shown in Fig. 4.

Intermediate the front or working end of the pliers and the butt-end and a suitable distance from the plugger-point each member is formed on one edge with a depression D, the two depressions, which are opposite each other, constituting a finger-rest when the members are pressed together. The depressions may be nicely rounded, as desired.

My invention is not confined to pliers of the precise form herein shown and described, nor is it restricted to the exact configuration of the finger-rest illustrated herein.

I claim as my invention—

Dental foil-pliers consisting of two members united at their butt-end and adapted to be moved toward and away from each other, each member being provided with a plugger-point, and each member also having a depression on one edge thereof intermediate the plugger-point and the butt-end, said depressions being opposite each other and constituting a finger-rest when said members are brought together, substantially as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

VIRGIL WALTER GILBERT.

Witnesses:

HOWARD K. RUDOLPH,
JOHN C. AVILES.