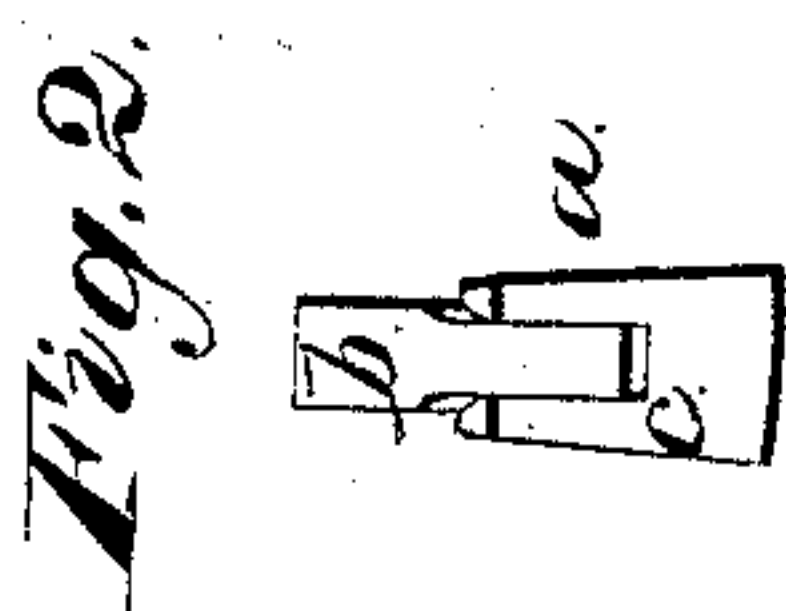
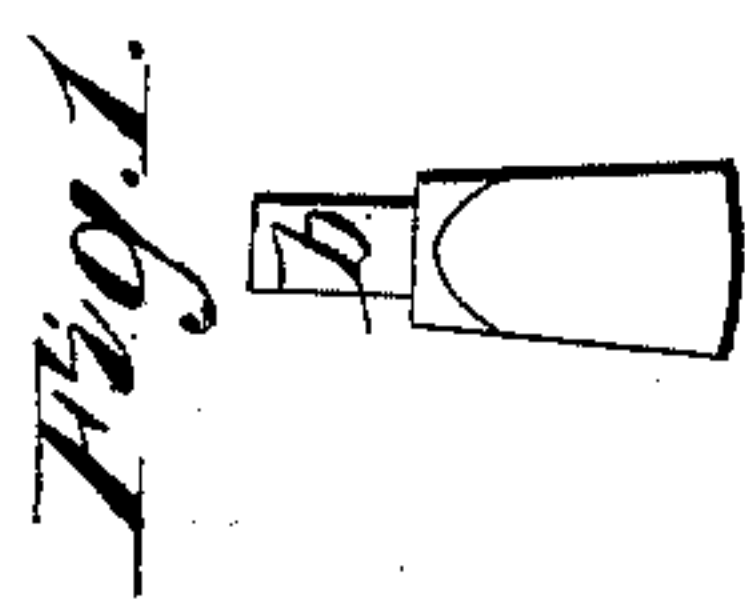
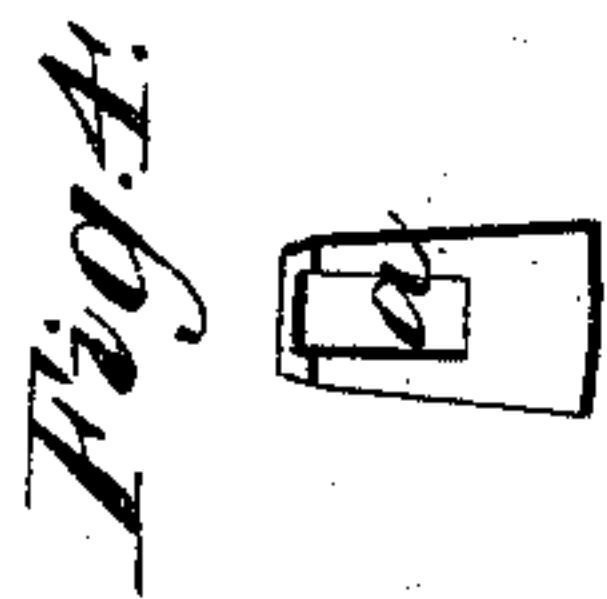


A. F. AHRENS.  
METHOD OF INSERTING ARTIFICIAL TEETH.

No. 8,092.

Patented May 13, 1851.



# UNITED STATES PATENT OFFICE.

A. F. AHRENS, OF PHILADELPHIA, PENNSYLVANIA.

## SETTING TEETH.

Specification of Letters Patent No. 8,092, dated May 13, 1851.

*To all whom it may concern:*

Be it known that I, ADOLPH F. AHRENS, of Philadelphia city and county, in the State of Pennsylvania, have invented an Improved Method of Inserting Artificial Teeth, and that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1 is a front view of one of my teeth, Fig. 2 a back view, and Fig. 3 a vertical section thereof, and Fig. 4, a view of the tooth with the slide removed.

The same letters indicate like parts in all the figures.

The object of my invention is twofold: First, to obviate the many difficulties heretofore attendant upon attaching the teeth to the plate which is fitted against the roof of the mouth; also, to provide a means of increasing or decreasing the length of the tooth without removing the setting, an operation both expensive and disagreeable.

To accomplish these objects I make my artificial tooth with a rebate (*a*) on the inner face into which fits a metal slide (*b*) as represented in Fig. 2. The rebate is lined with foil and fits accurately the metal slide, the upper end of which is soldered onto the plate in the roof of the mouth.

The advantage of this arrangement is

that when it is desired to remove the teeth, it is not necessary to disturb the setting, and if after the tooth is set, the wearer discovers that it is either too short or too long the defect can be remedied (if in the latter case) by shortening the slide which enters the rebate in the tooth as seen in Fig. 2, if too short it is only necessary to slide the tooth on the metal piece which connects it to the roof of the mouth until the required length is attained. Neither in shortening or lengthening the tooth or in removing it from the mouth for cleaning or any other purpose does it become necessary to disturb the setting. When the tooth is lengthened by sliding it on the metal piece the hollow space (*c*) thereby left in the tooth should be filled with any appropriate substance.

What I claim as my invention and desire to secure by Letters Patent is—

Securing artificial teeth to a plate in the roof of the mouth by means of a rebate in the inner face of the tooth and a slide fitting the same and soldered or otherwise attached to the plate in the mouth, for the purposes and in the manner described.

ADOLPH F. AHRENS.

Witnesses:

CAUSER BROWNE,  
ALEX. PORTER BROWNE.