

F. WIKNER.
ARTIFICIAL TOOTH.
APPLICATION FILED MAR. 2, 1912.

1,029,160.

Patented June 11, 1912.

Fig. 1

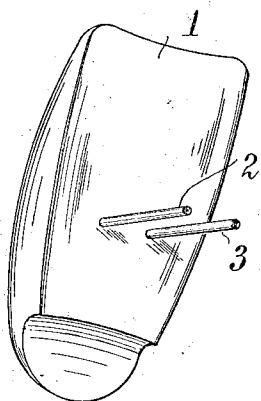


Fig. 2

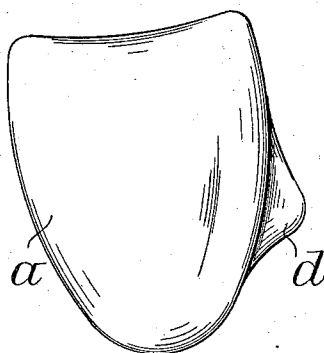


Fig. 3

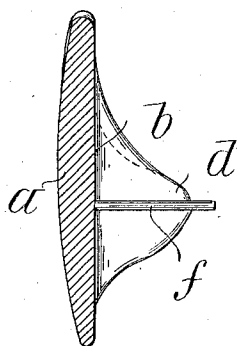
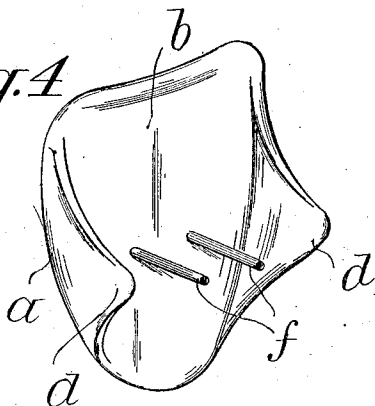


Fig. 4



WITNESSES:

John C. Sanders
A. F. Heuman

INVENTOR

Frang Wikner
BY *Wm. M. Miller*
ATTY

UNITED STATES PATENT OFFICE.

FRANZ WIKNER, OF VIENNA, AUSTRIA-HUNGARY.

ARTIFICIAL TOOTH.

1,029,160.

Specification of Letters Patent.

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Application filed March 2, 1912. Serial No. 681,052.

To all whom it may concern:

Be it known that I, FRANZ WIKNER, dentist, a subject of the Emperor of Austria-Hungary, and residing at Vienna, Empire of Austria-Hungary, and whose post-office address is 63 E Gumpendorferstrasse, have invented new and useful Improvements in Artificial Teeth, of which the following is a specification.

10 In artificial dentures it has hitherto only been possible to attach the teeth properly more particularly the incisor teeth to the plate if they are made as flat as possible. This form of the teeth has, however, the disadvantage that the natural appearance of the teeth is impaired, which is particularly noticeable if single teeth have to be placed somewhat obliquely in order to imitate the irregularities of the natural denture. The material of the plate is thereby always visible and the teeth are very easily seen to be artificial. Attempts have indeed already been made to employ artificial teeth the form of which resembles that of natural teeth, but with these there is again the disadvantage that they are very difficult to attach to the plate.

Now this invention has for its object an artificial tooth which in front and at the side has the formation of the natural teeth, but at the back has a recess running continuously from top to bottom which allows of the tooth being secured in the ordinary way to a vulcanite or a metal plate like an ordinary flat tooth.

Referring to the accompanying drawings:—Figure 1 is an illustration of an ordinary flat tooth; Figs. 2, 3 and 4 on the other hand are views of a tooth formed in accordance with this invention in front view, vertical section and perspective rear view.

Pins 2, 3 are provided on the rear side of a flat tooth 1 of the ordinary construction (Fig. 1), such flat tooth being bordered by a flat surface, by means of which pins the tooth can be fixed in the plate in the ordinary way. The tooth (*a*) in accordance with this invention, on the other hand, has, as shown in Fig. 2, the appearance of a natural tooth from the front and from the side. At the back, however, the tooth has a wide recess *b* which runs continuously from the top to the bottom. The tooth thus has, as shown in Fig. 3, the character of the ordinary artificial flat tooth and as the recess lying between the two side pieces *d* is wide enough to afford room for the pins *f* or any other suitable means of attachment for securing the tooth to the plate, the artificial tooth may be attached without difficulty either to a vulcanite or to a metal plate.

The upper edges of the side pieces *d* may, in case the kind of denture requires it, be ground away, as shown by the dotted lines in Fig. 3.

Having now particularly described my said invention I declare that what I claim is:—

An artificial tooth having a body portion, the front sides of which are shaped to conform to the front and sides of a natural tooth, said body portion being provided at its rear with a recess extending from the top to the bottom thereof, whereby the tooth may be fixed to a mouth plate.

In testimony whereof I have signed my name to the foregoing specification in the presence of two subscribing witnesses.

FRANZ WIKNER.

Witnesses:

GUSTAV WOLFF,
AUGUST FUGGER.