

H. A. GOLLOBIN & N. A. BORNSTEIN.

ARTIFICIAL TOOTH.

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989,248.

Patented Apr. 11, 1911.

Fig. 1.

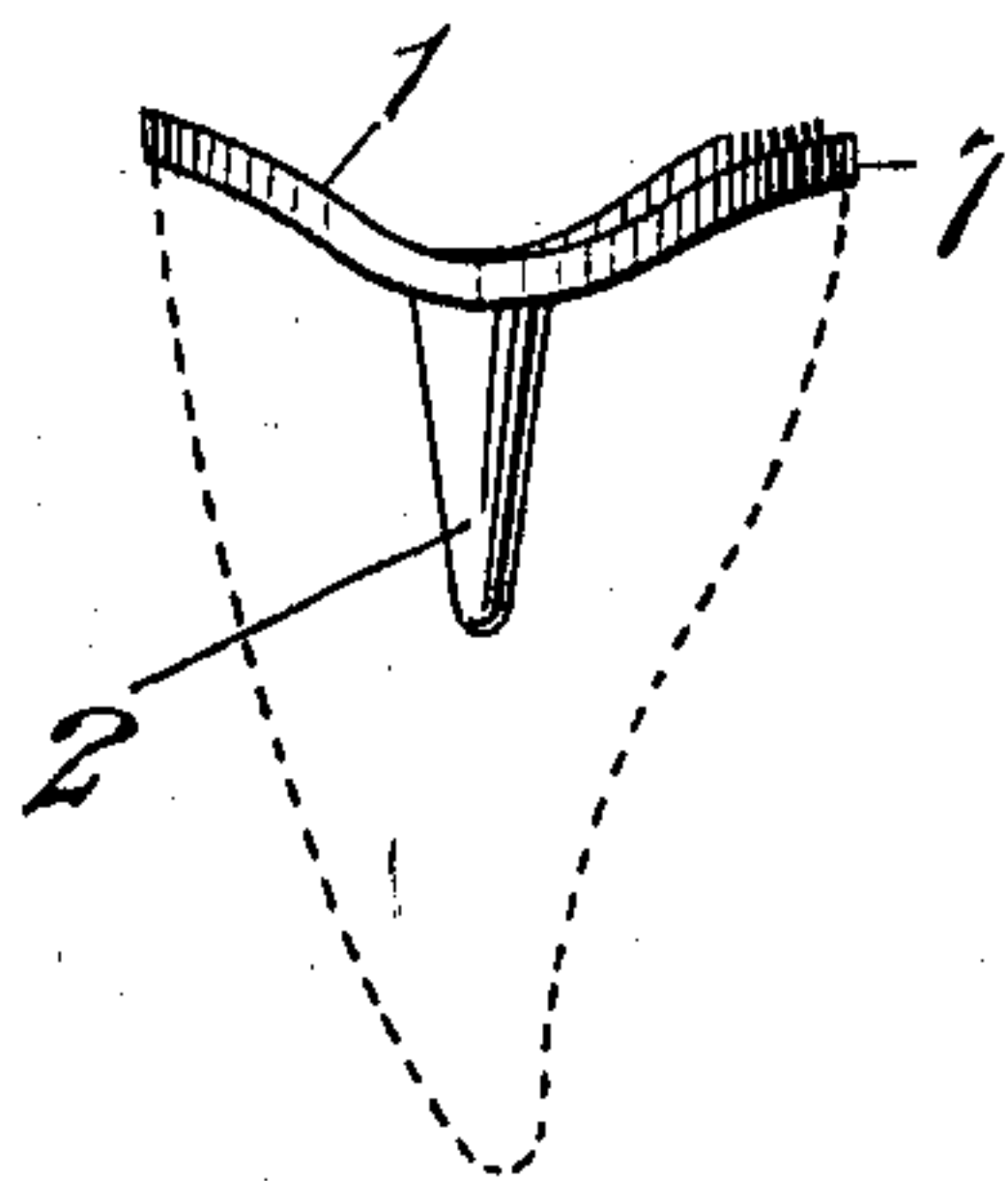


Fig. 3.

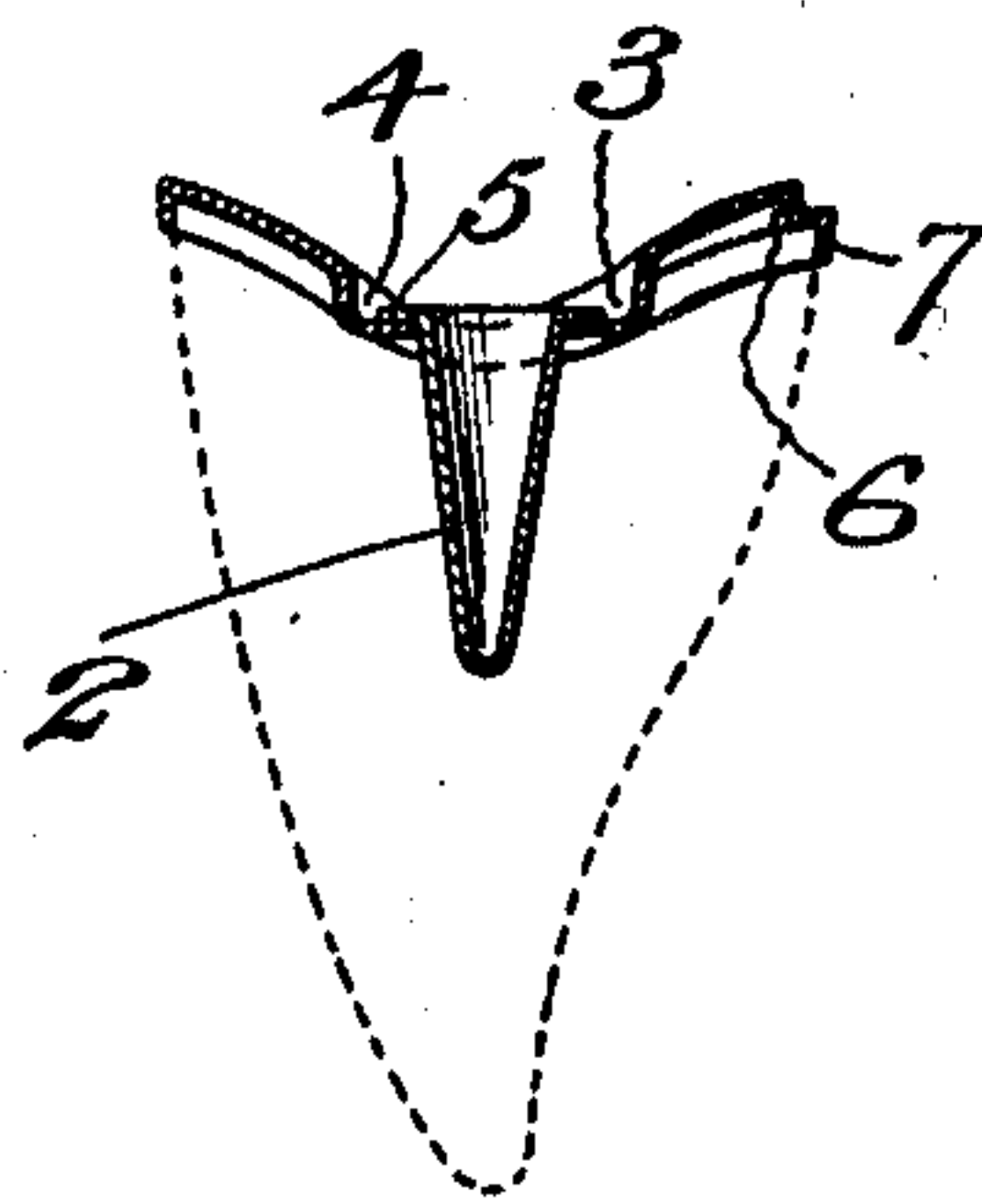


Fig. 2.

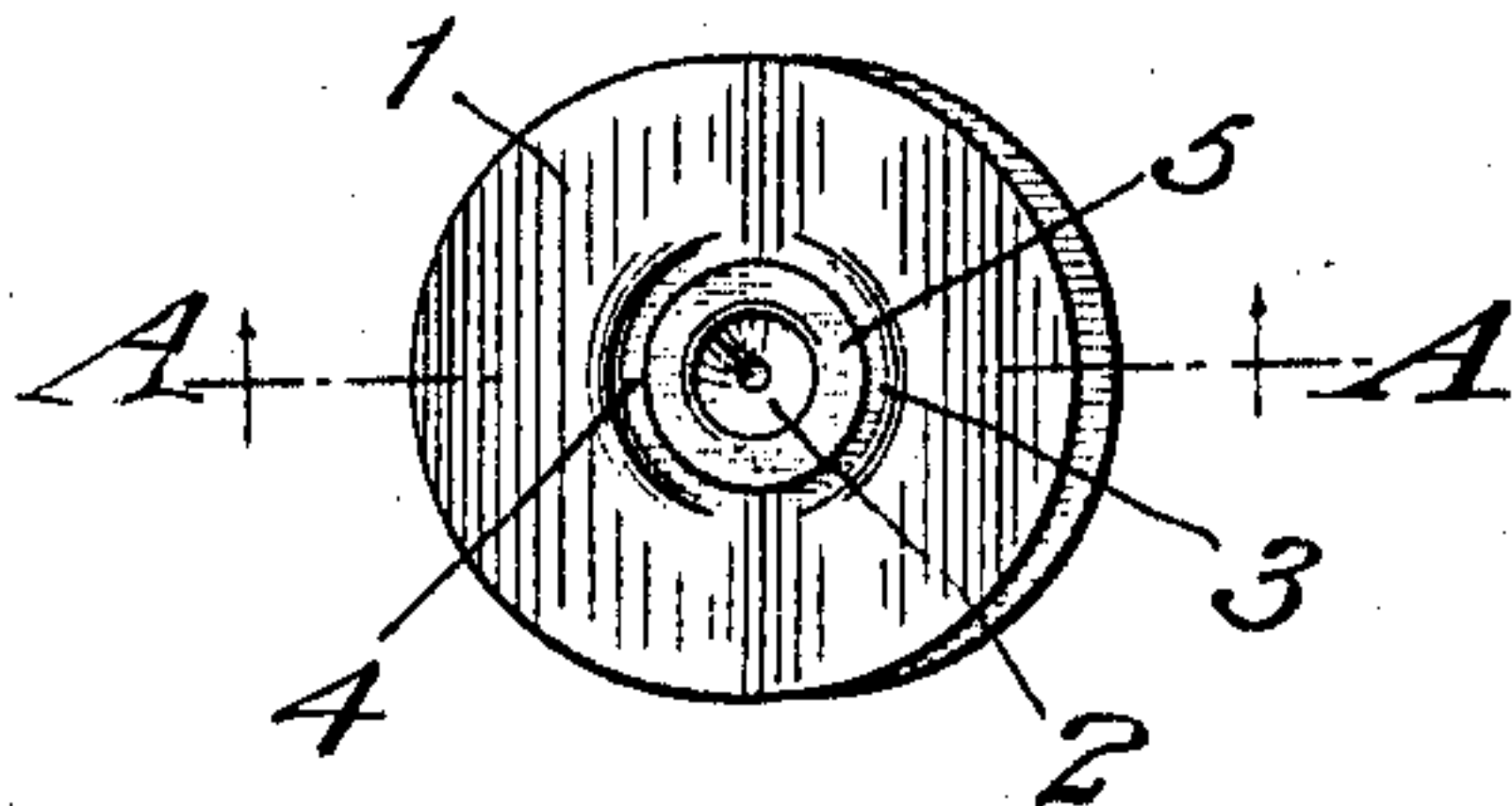


Fig. 4.

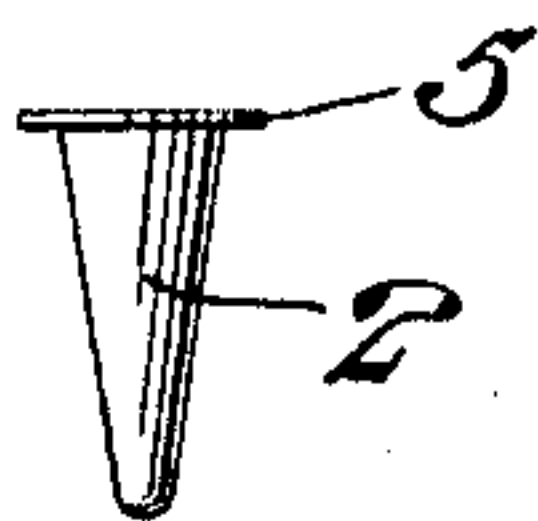


Fig. 5.



Witnesses:
F. George Barry.
Henry C. Thoms.

Inventors:
Harry A. Gollobin &
Newton A. Bornstein
by their attorney
Mountsward

UNITED STATES PATENT OFFICE.

HARRY A. GOLLOBIN AND NEWTON A. BORNSTEIN, OF NEWARK, NEW JERSEY, ASSIGN-
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ARTIFICIAL TOOTH.

989,248.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that we, HARRY A. GOLLOBIN, a subject of the Russian Empire, and NEWTON A. BORNSTEIN, a citizen of the United States, and residents of Newark, in the county of Essex and State of New Jersey, have invented a new and useful Improvement in Artificial Teeth, of which the following is a specification.

Our invention relates to improvements in artificial teeth and has more particularly for its object to provide an improved form of backing for artificial tooth crowns used in connection with bridgework.

A practical embodiment of our invention is represented in the accompanying drawings, in which—

Figure 1 represents the backing in side elevation, the position of a tooth crown being shown in dotted lines in connection therewith, Fig. 2 is a top plan view of the same, Fig. 3 is a section taken in the plane of the line A—A of Fig. 2, looking in the direction of the arrows, Fig. 4 is a detail side view of the pin, and Fig. 5 is a detail side view of the base.

The base 1 of the backing and the pin 2 are separable, as shown. The base is shaped to conform to the base of the tooth crown in connection with which it is to be used, which base is provided with a centrally arranged hole therethrough for receiving the pin 2. A divided seat 3, 4, is provided for receiving the flange 5 at the base of the pin 2. The base 1 is further provided along its back portion with a curved shoulder 6 arranged to enter a curved seat in the lingual wall of the tooth crown at the base thereof. This base is further provided with a circumferential flange 7 arranged to overlap the entire base of the tooth crown.

The pin 2 is hollow and is also tapered as, for instance, conical, so as to coact with tooth crowns having tapered pin receiving holes therein.

What we claim is:—

1. A backing for an artificial tooth crown comprising a base shaped to conform to the base of the tooth crown in connection with which it is to be used, which base is provided with a centrally arranged hole therethrough, and a hollow tapered pin projecting through said hole in the base and separable from the base and arranged to enter a tapered pin receiving hole in the tooth crown.

2. A backing for an artificial tooth crown comprising a base shaped to conform to the base of the tooth crown in connection with which it is to be used, which base is provided with a centrally arranged hole therethrough, and a hollow tapered pin projecting through said hole in the base and separable from the base, said pin being provided with a flange and said base being provided with a seat for receiving the flange.

3. A backing for an artificial tooth crown comprising a base and a pin, the said base having a curved shoulder along its back portion only adapted to enter a curved seat in the outer edge of the lingual wall of the tooth crown at the base thereof.

4. A backing for an artificial tooth crown comprising a base and a pin, the said base having a curved shoulder along its back portion adapted to enter a curved seat in the lingual wall of the tooth crown at the base thereof, the said base being further provided with a circumferential flange adapted to overlap the entire base of the tooth crown.

In testimony, that we claim the foregoing as our invention, we have signed our names in presence of two witnesses, this 14th day of January, 1910.

HARRY A. GOLLOBIN.
NEWTON A. BORNSTEIN.

Witnesses:

F. GEORGE BARRY,
C. S. SUNDGREN.