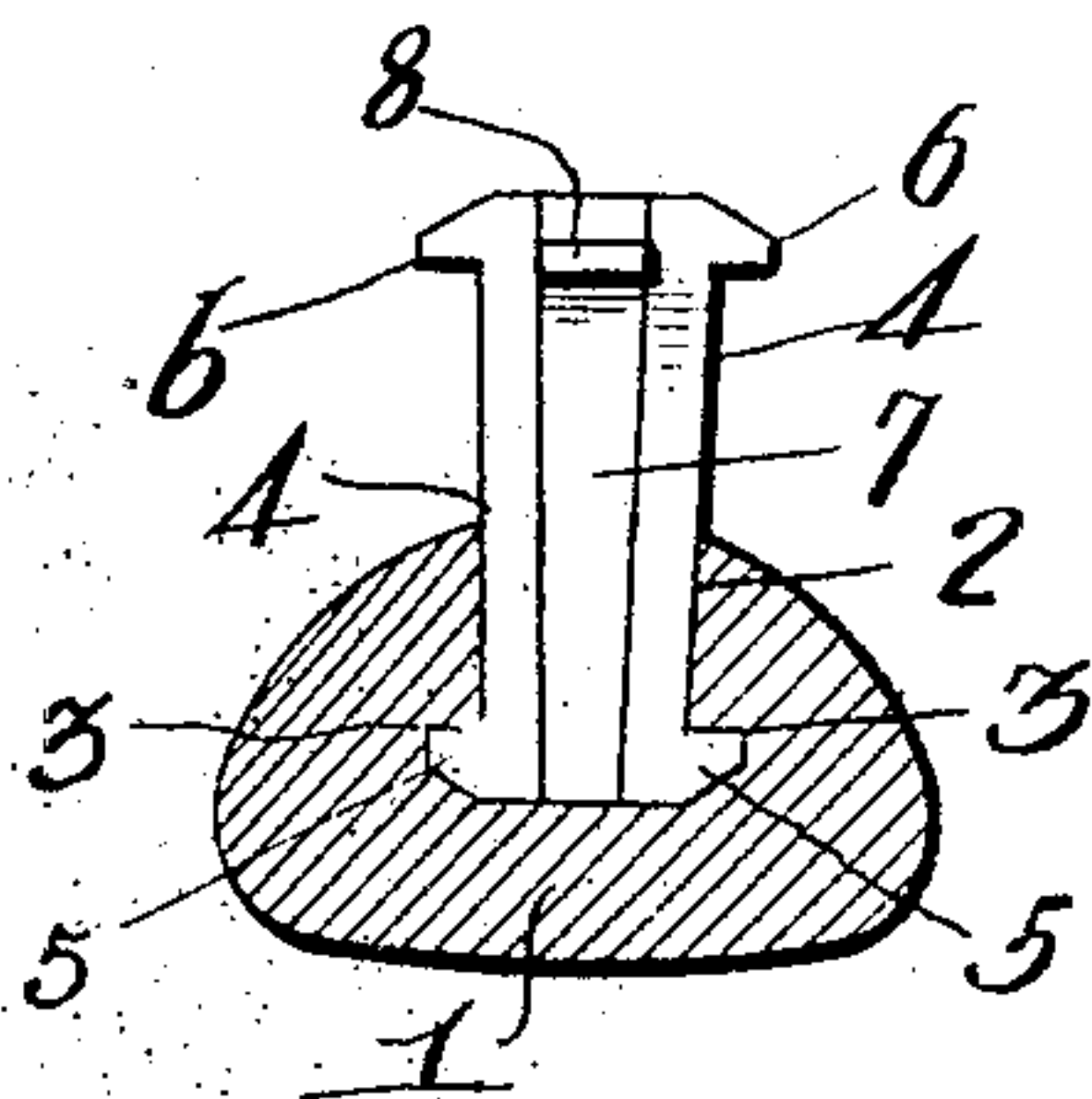


No. 779,496.

PATENTED JAN. 10, 1905.

R. E. PAYNE.
ARTIFICIAL TOOTH.
APPLICATION FILED AUG. 6, 1903.



Witnesses

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ROBERT E. PAYNE, OF NEW YORK, N. Y.

ARTIFICIAL TOOTH.

SPECIFICATION forming part of Letters Patent No. 779,496, dated January 10, 1905.

Application filed August 6, 1903. Serial No. 168,544.

To all whom it may concern:

Be it known that I, ROBERT E. PAYNE, a citizen of the United States, residing at New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Artificial Teeth; and I do 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 improvements in artificial dentures, and particularly with reference to means for anchoring or securing metal pins in porcelain teeth or gums to permit of their attachment to rubber or metal mouth-plates or crowns or to the roots of natural teeth; and it consists in the construction, combination, and arrangement of devices hereinafter described and claimed.

The drawing is a sectional view through an artificial tooth, showing several pins secured therein in accordance with my invention.

The artificial tooth 1 is shown as provided with a recess or socket 2, on each side of which, at the inner end thereof, are undercuts 3. In the said recess are the inner ends of a pair of pins 4, which are provided with laterally-extending heads 5, engaging said undercuts, and which are provided at their outer ends, which project from the body portion of the tooth, with similar laterally-extending heads 6. The said recess is of sufficient size to permit the pins to be first inserted therein and then

moved apart to leave a space between them. This space is filled by a tapering or wedge-shaped key 7, the upper end of which extends as far out of the recess as said pin and is formed with one or more projections 8, which serve the same purpose as the heads 6 upon the outer ends of the pins, the said heads of the pins and of the key being adapted to secure said pins and key in the usual manner in the mouth-plate. It will be understood that any number of pins may be thus secured by one center locking pin or key, and instead of pins I may secure staples or other fastening devices in the denture in the same manner.

Having thus fully described my invention, what I claim, and desire to secure by Letters Patent, is—

In an artificial denture, the combination of a body portion, having a parallel-sided recess provided with oppositely-extending undercuts, pins in said recess, having laterally-extending heads engaging said undercuts and also having laterally-extended heads at their outer ends which project from the body portion, and a key also in said recess between said pins and preventing lateral movement of the latter, substantially as described.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

ROBERT E. PAYNE.

Witnesses:

CHAS. EDGAR,
MATTHEW GAHMANN.