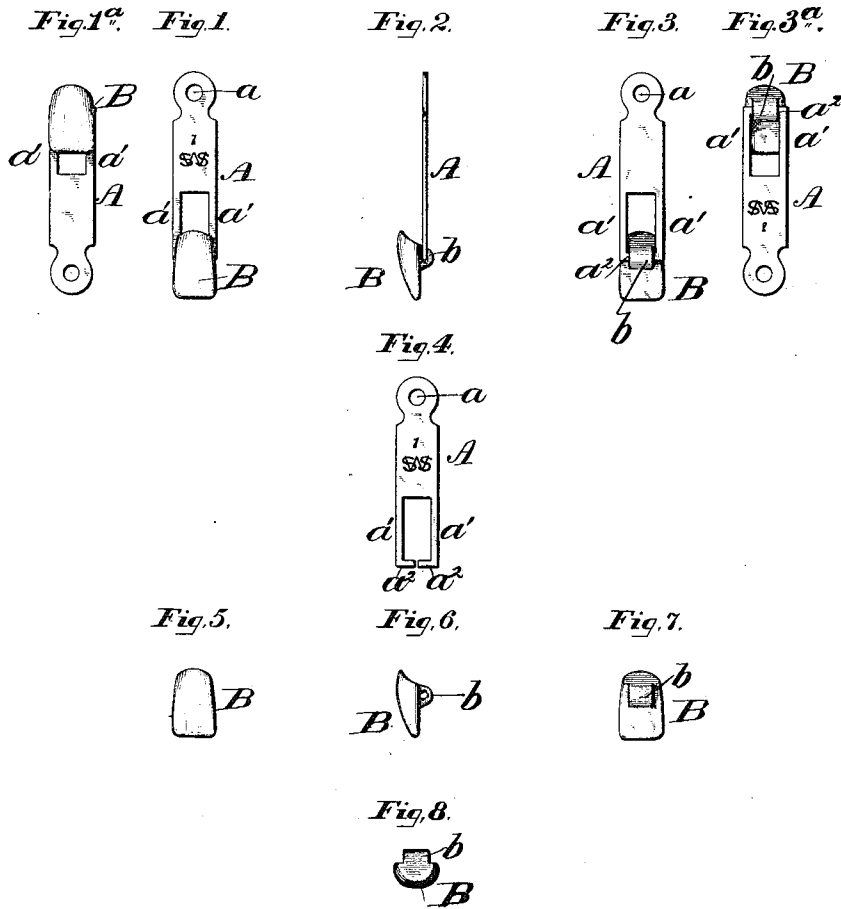


(No Model.)

J. W. WHITE.
ARTIFICIAL TOOTH HOLDER.

No. 362,803.

Patented May 10, 1887.



WITNESSES:

J. White
Edw. F. Simpson, Jr.

James W. White, INVENTOR;
by his atty *W. J. Taylor*

UNITED STATES PATENT OFFICE.

JAMES W. WHITE, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR TO THE
S. S. WHITE DENTAL MANUFACTURING COMPANY, OF SAME PLACE.

ARTIFICIAL-TOOTH HOLDER.

SPECIFICATION forming part of Letters Patent No. 362,803, dated May 10, 1887.

Application filed September 29, 1886. Serial No. 214,847. (No model.)

To all whom it may concern:

Be it known that I, JAMES W. WHITE, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Artificial-Tooth Holders; 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 an improvement in exhibiting and mounting sample artificial teeth. Artificial teeth are made of various shades, so that suitable teeth for an artificial denture for any mouth may be selected. These different shades are designated by arbitrary numbers, for example, so that in ordering teeth from the manufacturer the number only of the shade need be given from samples under the inspection of the dentist or dealer. It is in mounting these sample teeth so that the shade is not interfered with by the holder thereof to which my invention relates. Heretofore the custom, generally, has been to mount the sample teeth upon a suitably marked or numbered metal plate by means of the usual platina pin or pins which project from the back of the teeth, said pin or pins of the teeth being passed through a hole or holes in the holding-plate and bent down or otherwise fastened to secure them in place. Where thin teeth especially are so mounted, a false shade is liable to be given to the sample teeth by reason of the metal background and the method of mounting noted, and on ordering from the sample the teeth furnished do not correspond.

The object of my invention is to mount the sample teeth so that they can be readily inspected on all sides, and so that the true shade or color is accurately shown on inspection, whereby, when ordered, correct teeth may be furnished.

The subject-matter claimed is first described in detail by aid of the accompanying drawings, and then distinctly recited at the close of this specification.

In said drawings, Figure 1 is a face view of a tooth and its holder constructed according to my invention, and Fig. 1^a an inverted view

thereof. Fig. 2 is a side view of the tooth and holder. Fig. 3 is a rear or back view of the tooth and holder, and Fig. 3^a a similar view inverted. Fig. 4 is a view of the holder detached; and Figs. 5, 6, 7, and 8 are face, side, rear, and top views, respectively, of the tooth.

The holder is preferably a skeleton one, consisting of a narrow metal plate, A, having a suspending opening, *a*, if desired, in its upper end and two arms, *a'* *a'*, at its opposite end, which arms terminate in trunnions or pivots *a*² *a*². The plate will of course be suitably marked to designate the shade of the tooth it carries. The teeth B are of the appropriate size and shape to enable a selection for a denture to be made, and their faces, sides, cervical or basal ends, and cutting surfaces are made as usual. Instead of the platina or metal pin or pins or metal connection at the back, which the teeth for actual use are provided with, I form on the backs (preferably) of the sample teeth a projection, (preferably a laterally-perforated pivotal projection,) *b*, which may be formed integral with the body of the tooth in baking it; or the sample teeth may have the pivotal connection *b* with the holder A at the approximal sides of the teeth, if thick enough.

The trunnions or pivots *a*² *a*² of the holder A are fitted into the lateral opening of the projection *b* of the sample tooth B, so that the tooth and holder are pivoted together and the tooth securely mounted upon the holder, so as to be exhibited on all sides and without interference with the shade of the tooth from the holder.

Only an incisor sample tooth is shown; but that suffices to explain and illustrate my invention.

I claim—

A sample artificial tooth, in combination with and mounted upon a holder by means of a rocking pivotal connection, the holder fitting a pivotal socket in the tooth, substantially as described.

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

JAMES W. WHITE.

Witnesses:

WM. H. MYERS,
JOS. C. FRALEY.