

No. 825,578.

PATENTED JULY 10, 1906.

A. W. BROWNE.
TOOTH SHADE GUIDE.
APPLICATION FILED JAN. 22, 1906.

Fig. 1.

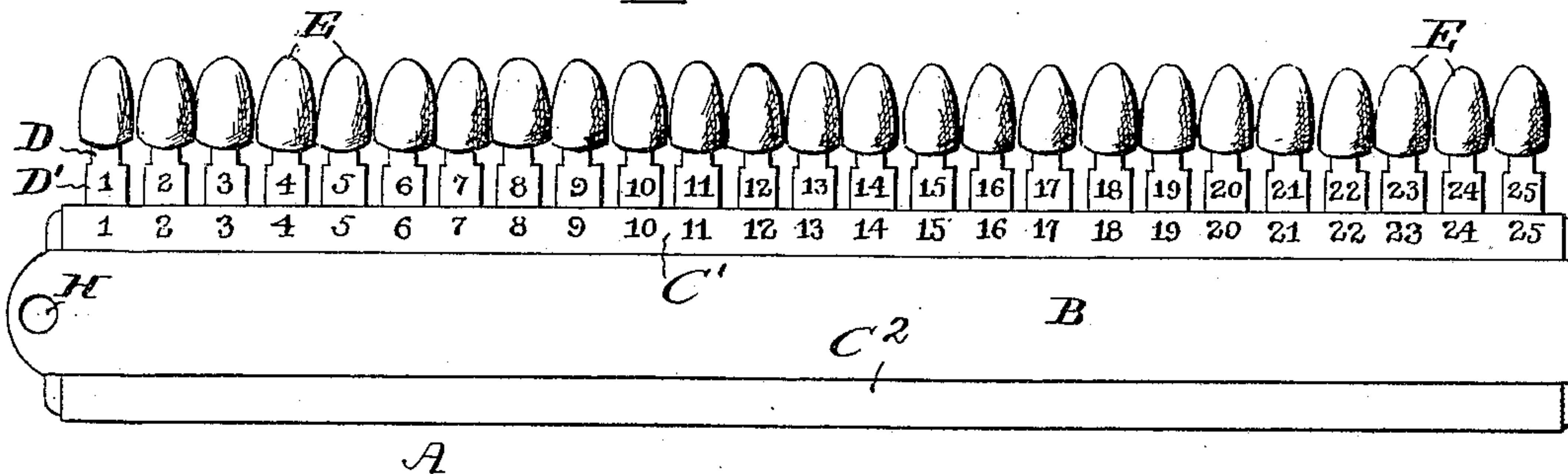


Fig. 2.

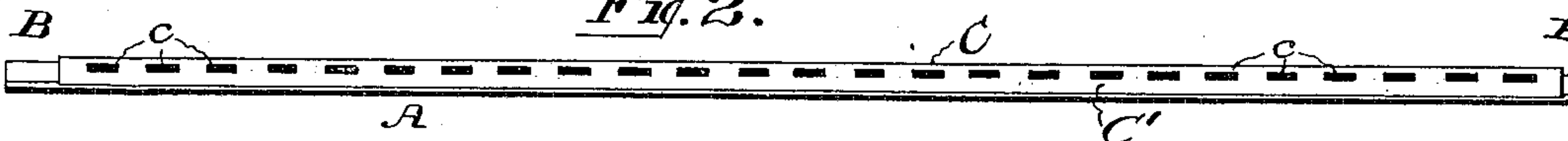


Fig. 3.

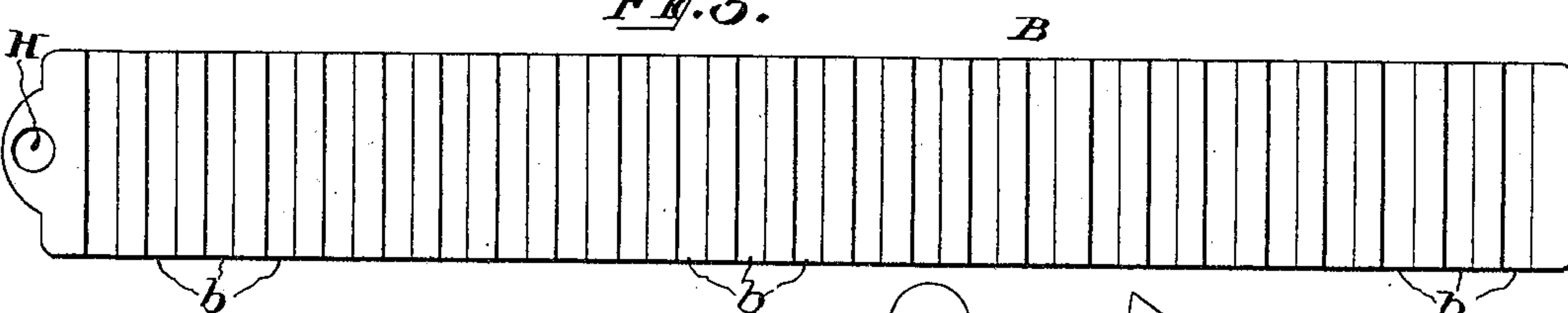


Fig. 4.

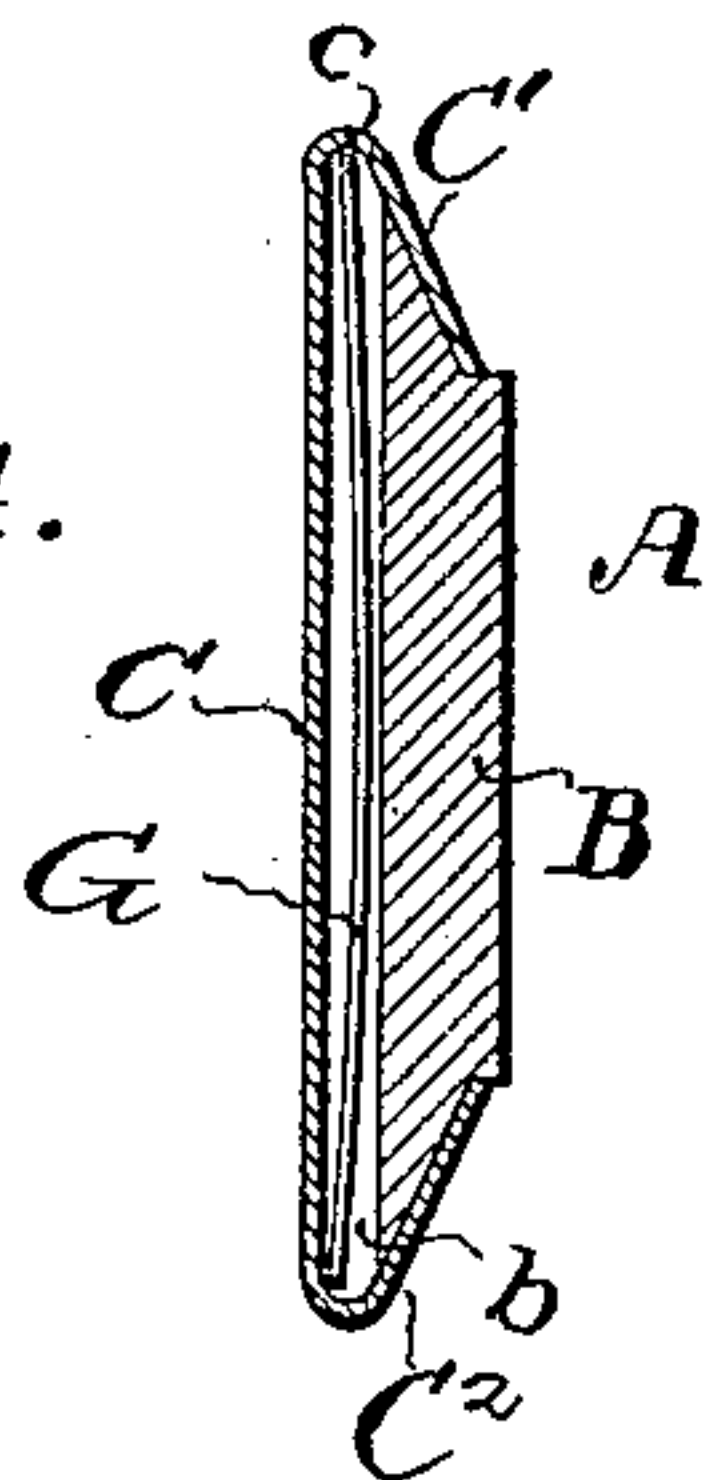


Fig. 5.

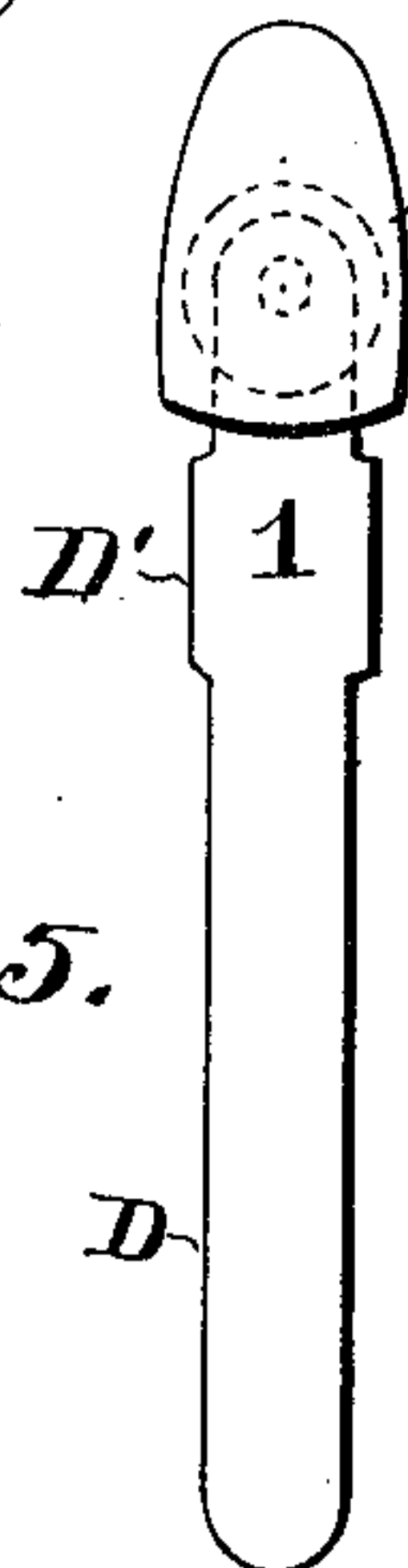


Fig. 6.



Witnesses
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UNITED STATES PATENT OFFICE.

ARTHUR W. BROWNE, OF PRINCE BAY, NEW YORK, ASSIGNOR TO THE
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TOOTH-SHADE GUIDE.

No. 825,578.

Specification of Letters Patent.

Patented July 10, 1906.

Application filed January 22, 1906. Serial No. 297,389.

To all whom it may concern:

Be it known that I, ARTHUR W. BROWNE, a citizen of the United States, residing at Prince Bay, in the county of Richmond and State of New York, have invented a certain new and useful Improvement in Teeth-Shade Guides; 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 sample-teeth holders or "teeth-shade guides," as they are commonly called.

The object of my invention is to improve that class of such guides which comprise a series of shade-teeth mounted upon carriers supported in a holder.

My invention consists, as will more fully appear from the following specification and the accompanying drawings, of a holder of novel form for supporting the shade-teeth carriers, which have independent detachable connection with said holder.

In said drawings, Figure 1 is a front view of the shade-guide complete, showing the shade-teeth in position. Fig. 2 is a top or edge view with the teeth-carriers removed. Fig. 3 is a rear view of the holder-block detached. Fig. 4 is a transverse sectional view of the holder, on an enlarged scale. Fig. 5 is a front view of one of the tooth-carriers detached; and Fig. 6 is a side view of the same, partly in central longitudinal section, these two views also being on an enlarged scale.

The holder A consists of two parts, first, a relatively long flat block B, preferably of hard rubber, and, second, a metal plate C. A series of transverse parallel grooves *b* are formed on the rear side of the block B, said grooves extending from edge to edge of the block, as shown in Figs. 3 and 4. The plate C is longitudinally flanged, or its top *C'* and bottom *C''* are turned over upon and embrace the block, the front of which is preferably beveled at top and bottom, where it is engaged by the plate. A series of perforations or openings *c*, corresponding in number and shape with the grooves *b* of the block, are formed in the bend of the upper flange *C'* of the plate, while the lower flange *C''* is imperforate.

When the block and plate are properly po-

sitioned, the block-grooves are entirely inclosed by the plate except for the openings *c* of the upper flange of the plate, which register with said grooves. By this construction the holder is provided with a series of sockets for the reception of the shade-teeth carriers. These carriers may each consist, as shown, of a flat bar D, to one end of which a porcelain shade-tooth E is riveted or otherwise connected. I prefer to interpose a washer F between the tooth and carrier for the purpose of affording a better turning connection for the tooth. The carriers also may be enlarged or broadened just below the tooth, as at D', this enlargement providing a stop for limiting the insertion of the carrier in the holder-socket and also affords a suitable surface upon which to stamp or imprint the designating number or letter of the shade-tooth, this character being duplicated upon the holder, as indicated in Fig. 1.

For the purpose of securely holding the carriers in their sockets a plate-spring G may be placed in each socket, said springs producing the requisite amount of friction upon the carriers.

My improved tooth-shade guide is simple in construction, exceedingly neat in appearance, and greatly facilitates the handling of the shade-teeth. One advantage of the two-part construction of the holder is that each part can be separately made and then united by sliding the block into the plate, no fastening means other than the plate-flanges being necessary. If desired, a hole H in one end of the holder may be provided for hanging up the guide when not in use.

I claim as my invention—

A tooth-shade guide consisting of a block formed on one side with a series of transverse grooves, and a flanged plate secured to said block so as to cover said grooves, one of the flanges of said plate being provided with a series of openings registering with said grooves, whereby there is formed a series of sockets for the reception of shade-tooth carriers.

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

ARTHUR W. BROWNE.

Witnesses:

SEYMOUR CASE,
M. E. DERICKSON.