April 29, 1924. 1,491,994

J. B. McDERMOTT

HOLDER FOR BRUSHES AND COMBS

Original Filed Nov. 6, 1920

Fig. 1.

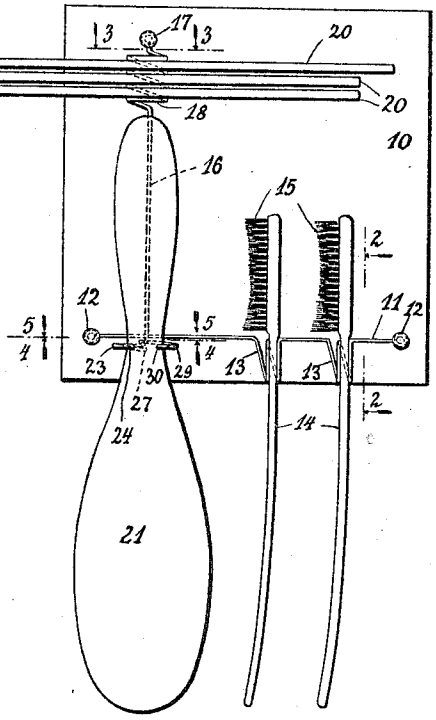


Fig. 2.

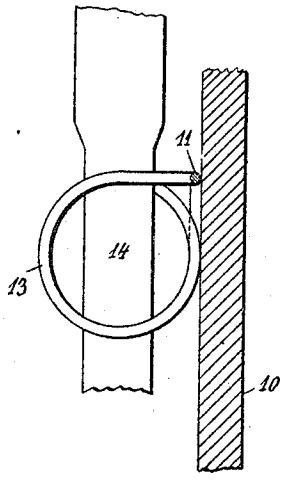


Fig. 3.

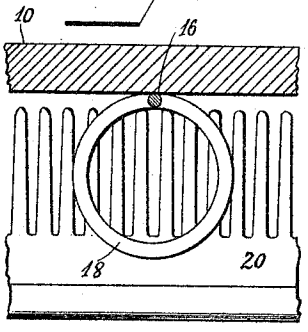


Fig. 4.

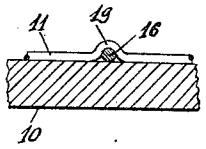
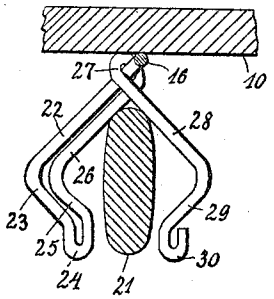


Fig. 6.



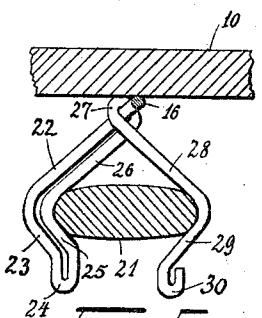


Fig. 5.

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UNITED STATES PATENT OFFICE.

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HOLDER FOR BRUSHES AND COMBS.

Application filed November 6, 1920, Serial No. 422,222. Renewed March 13, 1924.

To all whom it may concern:

Be it known that I, JAMES B. McDERMOTT, a citizen of the United States of America, residing at Peoria, county of Peoria, and State of Illinois, have invented certain new and useful Improvements in Holders for Brushes and Combs, of which the following is a specification.

My invention relates to an elastic device for holding securely articles such as hair brushes, tooth brushes, and combs, yet allowing them to be removed readily from such holder.

A preferred and satisfactory embodiment of my invention is shown in the accompanying drawings, in which Fig. 1 is an elevation of the device, with a hair-brush, two tooth-brushes, and three combs held therein; Figs. 2, 3, 4 and 5 are sections on an enlarged scale, taken respectively on the correspondingly-numbered lines of Fig. 1, the brush being omitted from Fig. 4; and Fig. 6 is a section similar to Fig. 5 but showing the brush in a different position.

The holder comprises a board or carrier 10 which is nailed or otherwise secured to the wall or other suitable support. At the lower portion of this carrier I have shown a tooth-brush holder made of a wire 11, the body of which is horizontal, its ends being secured to the carrier 10 by nails or other fasteners 12 passing through eyes formed by bending the extremities of the wire. Between said attached ends the wire 11 is formed into one or more elastic helical coils 13, between adjacent convolutions of which the handle 14 of a tooth-brush 15 may be inserted as shown in Figs. 1 and 2. The axis of said coils 13 is horizontal, and their adjacent convolutions yield readily to allow the brush handle to be inserted or withdrawn, yet will grip it with sufficient firmness to guard against accidental knocking off or falling off.

Adjacent to one of the side edges of the carrier 10 is located a brush and comb holder cooperating with the tooth-brush holder described above. This brush and comb holder is mainly vertical, and is preferably made of a wire 16 which is thicker or stiffer than the wire 11, the upper end of said wire 16 being secured to the carrier 10 by means of a nail or other fastener 17 passed through an eye formed at said end of the wire. The upper portion of the wire 16 is formed into a helical coil 18 having a vertical axis, and the lower portion of said wire is held in position between the carrier 10 (against which it lies) and a sharp securing or holding bend 19 in the horizontal wire 11 (see Fig. 4), the body portions of both wires 11 and 16 lying against the surface of the carrier 10. The coil 18, between adjacent turns, is adapted to hold elastically combs 20, as shown in Figs. 1 and 3, in substantially the same manner that the coils 13 hold the tooth-brushes 15.

The portion of the wire 16 below the transverse wire 11, is formed into an elastic holder for a hair-brush 21, as follows: The wire is first bent forwardly and outwardly, at about 45° to the surface of the carrier, as indicated at 22 in Figs. 5 and 6, then forwardly and inwardly, as at 23, then doubled as at 24, then bent back and outward as at 25, then inward and rearward, as at 26, then looped under and over the wire portion 22, as at 27, and then formed into slanting portions 28, 29 and a doubled forward end 30 substantially symmetrical to the wire portions 26, 25 and 24 respectively. The brush 21 is fastened in this holder by first inserting it with one edge of the brush handle toward the carrier 10, as shown in Fig. 6, and then turning the brush about a vertical axis about 90°, in one direction or the other, to bring the handle to the position shown in Fig. 5, in which the edges of the handle will fit into the rounded seats at the junction of the wire portions 25, 26 and 28, 29 respectively, the doubled portions 24, 30 being sprung apart slightly by the pressure of said handle, and the inward pressure of the two opposing holder members clamping or maintaining the brush 21 in position securely.

The wire 16 is preferably made thicker or stiffer than the wire 11 in view of the greater size and weight of the articles to be held by said wire 16. The holding bend 19 constitutes a very simple and efficient means of holding the lower portion of the wire 18 in position without any additional anchoring means such as the fasteners 12 and 17.

Various modifications may be made without departing from the nature of my invention as set forth in the appended claims.

I claim:

1. A device of the class described, comprising a carrier, a substantially horizontal wire having its ends secured to the lower portion of said carrier and formed with a

coil adapted to hold a tooth-brush or the like, the body of said wire being in contact with said carrier, and being formed with a bend projecting from the carrier, and a substantially vertical wire the body of which lies against the surface of said carrier and passes between said bend of the other wire and the carrier, the upper end of said vertical wire being fastened to the carrier, and the upper portion of said wire being formed with a coil adapted to hold a comb or the like, while the portion of said vertical wire below the horizontal wire is formed with an elastic clamp open forwardly and adapted to hold the handle of a hair-brush or the like, the axes of said coils being parallel to the general direction of the respective wires.

2. A device of the character described comprising a carrier having a flat portion, a brush holder secured thereto comprising a wire bent to form a forwardly projecting L shaped leg, said wire doubled back to form a second L shaped leg conforming to and in contacting relation with the first mentioned leg, said wire being twisted around itself at the inner end of the legs adjacent the carrier, and then bent forwardly to form a third L shaped leg, in opposed relation to the first mentioned legs whereby a widened throat presenting opposed recesses intermediate the ends of the legs is formed and said throat terminating in a constricted opening, said opposed recesses adapted to securely hold a flat handled brush with the flats of the handle in parallelism with said surface and all of said L shaped portions being in the same horizontal plane.

3. A device of the class described, comprising a carrier and a holding wire secured thereon, said wire having a body adjacent to the carrier, a member bent outwardly and forwardly from the carrier, then forwardly and inwardly, then doubled, then bent outwardly and rearwardly, then inwardly and rearwardly, then looped around said outwardly and forwardly bent portion, then bent outwardly and forwardly to the other side, then inwardly and forwardly, and finally doubled to correspond to the first-named doubled portion, to form an elastic clamp open at its forward portion.

In testimony whereof I have affixed my signature.

JAMES B. McDERMOTT.