

May 3, 1927.

1,627,200

L. H. PICKAR

FOLDING BRUSH

Filed Nov. 24, 1926

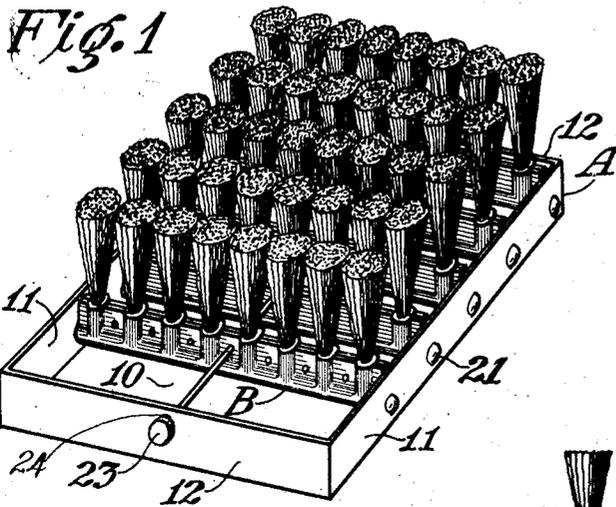


Fig. 2

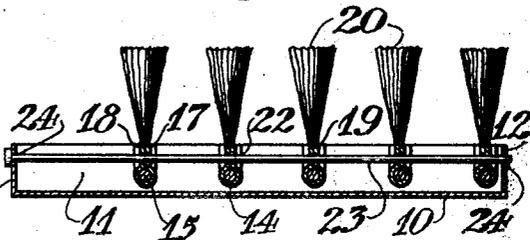


Fig. 3

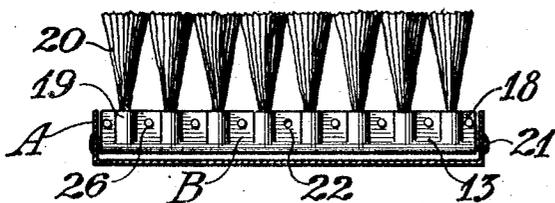


Fig. 4

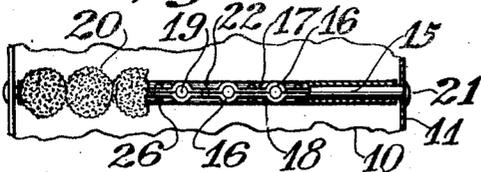
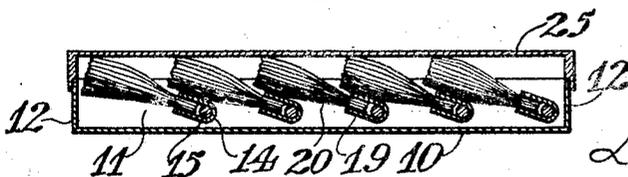


Fig. 5



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UNITED STATES PATENT OFFICE.

LEO HENRY PICKAR, OF NORTH FREEDOM, WISCONSIN.

FOLDING BRUSH.

Application filed November 24, 1926. Serial No. 150,446.

My invention relates to improvements in folding brushes, and has for one object to provide a simple and easily manufactured means for fastening the bristles in such a brush.

Another object is to provide a simple and inexpensive means for locking said bristles in an upright position.

With the above and other objects in view, my invention consists in the combination and arrangement of parts hereinafter described and claimed, it being understood that, within the scope of what is claimed, changes in the precise embodiment shown, may be made without departing from the spirit of the invention.

In the drawings—

Figure 1 is a perspective view of my invention with the cover removed and bristles erect;

Figure 2 is a sectional view of my invention as shown in Figure 1;

Figure 3 is a transverse sectional view of the device, showing one of the bristle holders in elevation;

Figure 4 is a fragmentary plan view of a portion of the frame showing one of the bristle holders, parts thereof being shown in section;

Figure 5 is a sectional view of my invention with the cover in place and the bristles folded down.

Referring now more particularly to the drawings, A refers generally to the rectangular back or frame of the brush, comprising the back 10, upturned sides 11 and upturned ends 12 substantially so as to form a box-shaped body. B refers generally to the bristle holders comprising a sheet of metal 13 folded longitudinally medially upon itself as at 14 so as to provide the upstanding opposing edges 17 and 18. An axle 15

is positioned in the said fold 14 and frictionally held in engagement with said holder. A plurality of complementary recesses 16 are formed in the said opposing edges 17 and 18, suitably to serve as sockets 19 wherein are frictionally positioned the bristles 20. A suitable adhesive may also be employed to assist in fastening the said bristles 20 in the sockets 19.

The projecting ends 21 of the axles 15 are journaled in the sides 11 of the frame A, whereby the bristle holders B are rotatably mounted in the said frame. Apertures 22 are provided intermediate the bristle holders B suitably to receive the locking pin 23 adapted to be removably positioned therein, the said pin being passed through the apertures 24 provided intermediate the ends 12 of the frame A suitably to register with the apertures 22, whereby the said bristle holders B are restrained in an upright position as shown in Figures 1 and 2. When it is desired to rotate the said bristle holders to their folded position as shown in Figure 5, the pin 23 is removed from the position shown in Figures 1 and 2, whereupon the said holders B may be folded down into the said frame A and if desired, the pin 23 may be laid on top of the said bristle holders for safe keeping. A cover 25 is provided to fit over the frame A when the brush is not in use. Rivets as at 26 are employed to hold the edges 17 and 18 together.

I claim:

In a device of the kind described, including a frame and bristle holders rotatably journaled therein in a common plane, the said frame and holders having aligned locking pin apertures, a locking pin adapted to removably engage the said apertures.

In testimony whereof I affix my signature.

LEO HENRY PICKAR.