March 4, 1930. H. CAVE ET AL 1,749,733

CORNER BRUSH

Filed Dec. 13, 1927

Fig. 1.

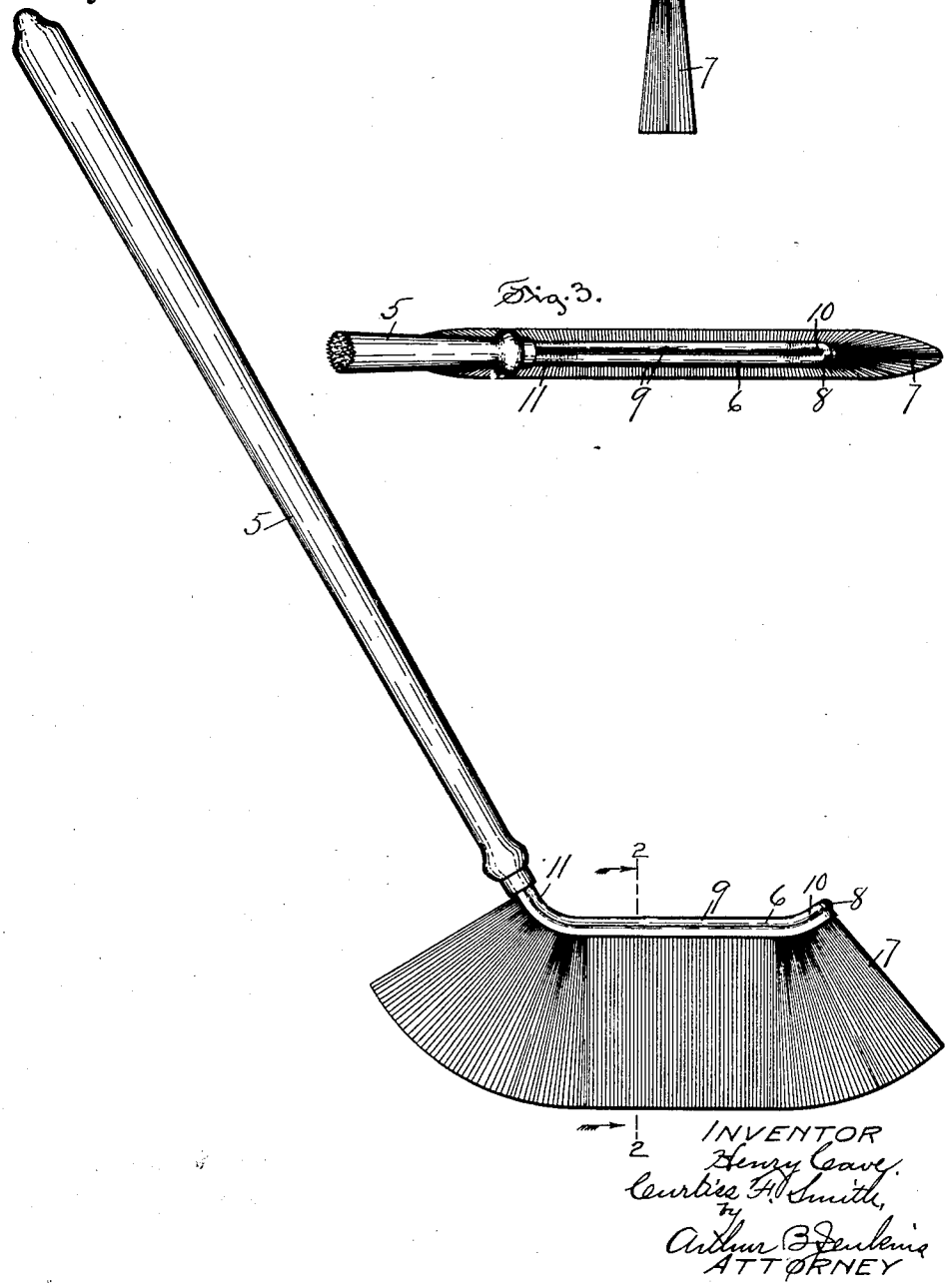


Fig. 2.

Fig. 3.

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Patented Mar. 4, 1930 1,749,733

UNITED STATES PATENT OFFICE

HENRY CAVE, OF HARTFORD, AND CURTISS F. SMITH, OF WEST HARTFORD, CONNECTICUT, ASSIGNORS TO THE FULLER BRUSH COMPANY, OF HARTFORD, CONNECTICUT, A CORPORATION OF CONNECTICUT

CORNER BRUSH

Application filed December 13, 1927. Serial No. 239,787.

Our invention relates to that class of cleaning implements having short handles to enable corners and other places difficult of access to be quite readily reached for the removal of dust and dirt, and an object of our invention, among others, is the production of a brush of this character that shall be extremely simple and durable in construction and particularly efficient for the uses for which it is intended.

One form of a corner brush embodying our invention and in the construction and use of which the objects herein set out, as well as others, may be attained, is illustrated in the accompanying drawings, in which—

Figure 1 is a side view of our improved corner brush.

Figure 2 is a view in section on a plane denoted by the dotted line 2—2 of Figure 1.

Figure 3 is a top view of the brush with the outer portion of the handle broken off.

In the accompanying drawings the numeral 5 indicates the handle of our improved corner brush and 6 a frame comprising in effect a head to which bristles 7 are secured.

It is our purpose to provide a brush which will effect the purpose of the old turkey wing cleaner heretofore employed for reaching into corners and underneath articles of furniture to remove dirt and dust from such places, this brush being particularly shaped to accomplish these ends.

The head 6 is composed of metal that is bent to form a trough shaped structure, the sides of which are closed toward each other to tightly grip the ends of the bristles 7 that are located in the groove between said sides.

A strip of this material, with the bristles firmly secured therein, is cut to proper length and this strip is "doubled" as at 8 to form two sides 9 extending preferably close together and of substantially the same length, the free ends being extended into a hole formed in the end of the handle 5.

In making brushes from a strip of material like that herein shown, it has heretofore been a difficult matter to get a neat and finished structure at the ends which have been cut and therefore presented a more or less ragged appearance, and caps and similar devices have therefore been employed to cover these ragged and unfinished ends. The present structure in which the bend is provided completes the finish of the brush at this end.

In order to obtain the desired shape in the brush to effect the objects hereinbefore set out, the frame or head 6 is bent upwardly at its opposite ends, the upwardly bent end 10 having the bend providing a finished end as hereinbefore described, and the upwardly bent end 11 being extended into the handle 5. This causes the cleaning edge of the brush to have the form particularly shown in Fig. 1 and commonly present in the turkey wing brush hereinabove referred to.

In accordance with the provisions of the patent statutes we have described the principles of operation of our invention, together with the device which we now consider to represent the best embodiment thereof; but we desire to have it understood that the device shown is only illustrative and that the invention may be carried out by other means and applied to uses other than those above set out within the scope of the appended claims.

We claim—

1. A corner brush including a head formed from a single strip of metal of trough shape with bristles tightly secured therein, said head being "doubled" by a sharp bend at its outer end to form independent sides located close together, and a handle to which the ends of said sides are connected.

2. A corner brush including a head formed from a strip of metal of trough shape with bristles tightly secured therein, said head being "doubled" at its end to form sides located close together, the said head being bent upwardly at opposite ends thereof, and a handle to which the upwardly bent portion at one end of the handle is secured.

3. A corner brush including a head formed from a single strip of material of trough shape with bristles tightly secured therein, said strip being "doubled" by a sharp bend at its outer end to form independent sides located close together.

4. A corner brush including a head formed from a strip of metal of trough shape with bristles tightly secured therein, said strip being doubled at its end to form sides located close together, the said head extending upwardly at opposite ends thereof.

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