May 13, 1941. A. E. TOMKIN 2,242,154

DAUBING IMPLEMENT OR THE LIKE

Filed Aug. 30, 1938

Fig. 1.

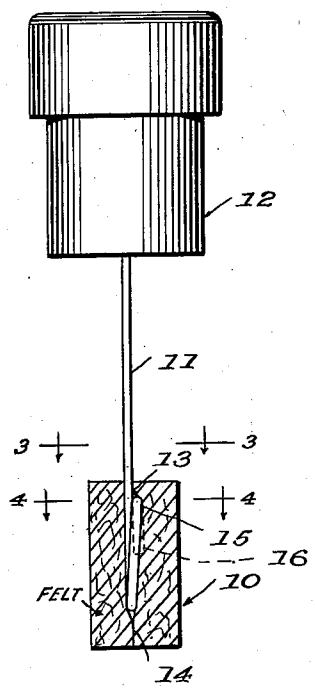


Fig. 2.

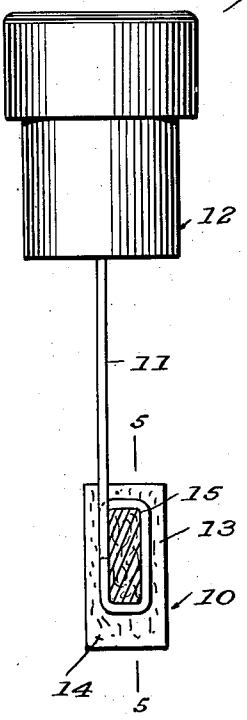
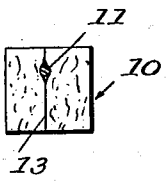


Fig. 3.



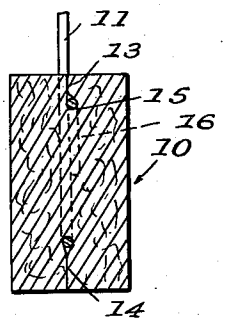


Fig. 6.

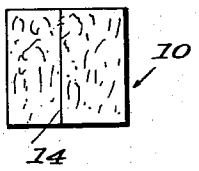


Fig. 4.

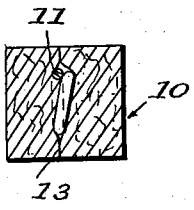


Fig. 5.

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By

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Patented May 13, 1941

2,242,154

UNITED STATES PATENT OFFICE

2,242,154

DAUBING IMPLEMENT OR THE LIKE

Abraham E. Tomkin, Washington, D. C.

Application August 30, 1938, Serial No. 227,557

1 Claim. (Cl. 15—210)

This invention relates to a dauber, applicator, cleaner, brush, or the like of the general type having a felt or equivalent absorbent head.

In articles of this character, objection is raised because the head or absorbent block is insufficiently flexible at the most used surface and because the exposed surfaces are deformed or distorted and unduly compressed for the most part, and are limited in the number of useable surfaces.

The present invention aims to provide a novel construction which will overcome the objections enumerated and one which will enable an article of the present character to be manufactured at minimum cost, and to be more efficient and durable.

More specifically, it is aimed to provide an article of the present character having an absorbent head provided with a continuous cut, in which a manipulating shank or stem is secured in spaced relation to the surfaces of the head, thus providing flexibility without undue distortion at all surfaces, and preferably providing parallel portions of the shank adjacent one face of the head to materially aid in the stiffening and relatively rigid support of the head.

Various additional objects and advantages will become apparent from the consideration of the description following, taken in connection with the accompanying drawing illustrating an operative embodiment.

In the drawing—

Figure 1 is a side elevation of the improved implement;

Figure 2 is a central longitudinal section therethrough taken at a right angle to Figure 1;

Figure 3 is a horizontal section taken on the line 3—3 of Figure 1;

Figure 4 is a horizontal section taken on the line 4—4 of Figure 1;

Figure 5 is a longitudinal section taken on the plane of line 5—5 of Figure 2; and,

Figure 6 is a bottom plan of the absorbent block.

Referring specifically to the drawing wherein like reference characters designate like or similar parts throughout the different views, 10 designates a head in the form of a block of suitable absorbent material, preferably felt. This block may be of any desired size and shape, but is preferably rectangular, as shown.

Said head 10 is carried by a shank or stem 11, which may be a metallic wire, and the latter is attached to and depends from the closure 12. Said closure 12 is adapted to movably fit a bottle or other container for a liquid in connection with which the invention is used, the shank 11 and head 10 depending into the bottle or container and the liquid therein. For example, the invention may be employed as a polishing dauber, as a typewriter type cleaning brush or dauber, and in many relations.

The said head or block 10 has a cut 13 continuous about four surfaces thereof, which cut is preferably deeper, as at 14, at the lower end, since the lower end surface is the one mostly used and since greater flexibility will be afforded. Said shank 11 is disposed in the cuts 13 and 14 and bent continuously about the block, as at 15, with a terminal portion 16 disposed parallel to the adjacent portion of the shank 11, to thereby give more substantial stiffness to the head.

It will be noted that with the exception of the shank or stem 11 extending directly from the head 10, that all portions of the shank, namely, 15 and 16, are completely embedded within the confines of the head, spaced from the external surfaces of the head, and located in the cuts 13 and 14.

Attention is called to the fact that the portions 15 and 16 may be fastened as tight as desired, but the continuous arrangement of such portions, as shown, especially in combination with the portion paralleling the shank 11, is sufficient to hold the block or head without substantial compression of the material of the head.

As a result of the construction described, practically all surfaces of the block are exposed and unobstructed by the presence of the shank or other rigid obstruction, and that all of such surfaces are free, soft and in natural condition, since compression and distortion of the head is avoided and the cut or slit enhances the flexibility.

Since the cut, at 14, is deeper than elsewhere, the lower end of the head 10 has greater flexibility than the remainder.

Since a single operative embodiment has been illustrated and described, it is to be understood that various changes may be resorted to within the spirit and scope of the invention as defined by the appended claim.

I claim as my invention:

An implement of the class described comprising a rectangular head of absorbent material in a substantially uncompressed condition, said head having a cut continuous around the periphery of the same leaving an uncut core with edges parallel to adjacent exterior surfaces of the head, a wire continuous about said edges consisting of portions parallel to and contacting the respective edges of said core, said wire being disposed in the cut and spaced inwardly from the exterior surfaces of the head, one terminal of said wire being extended through the cut to provide an exterior manipulating shank, and the other terminal of the wire contacting the first mentioned terminal and extending in the opposite direction for stiffening purposes.

ABRAHAM E. TOMKIN.