

(No Model.)

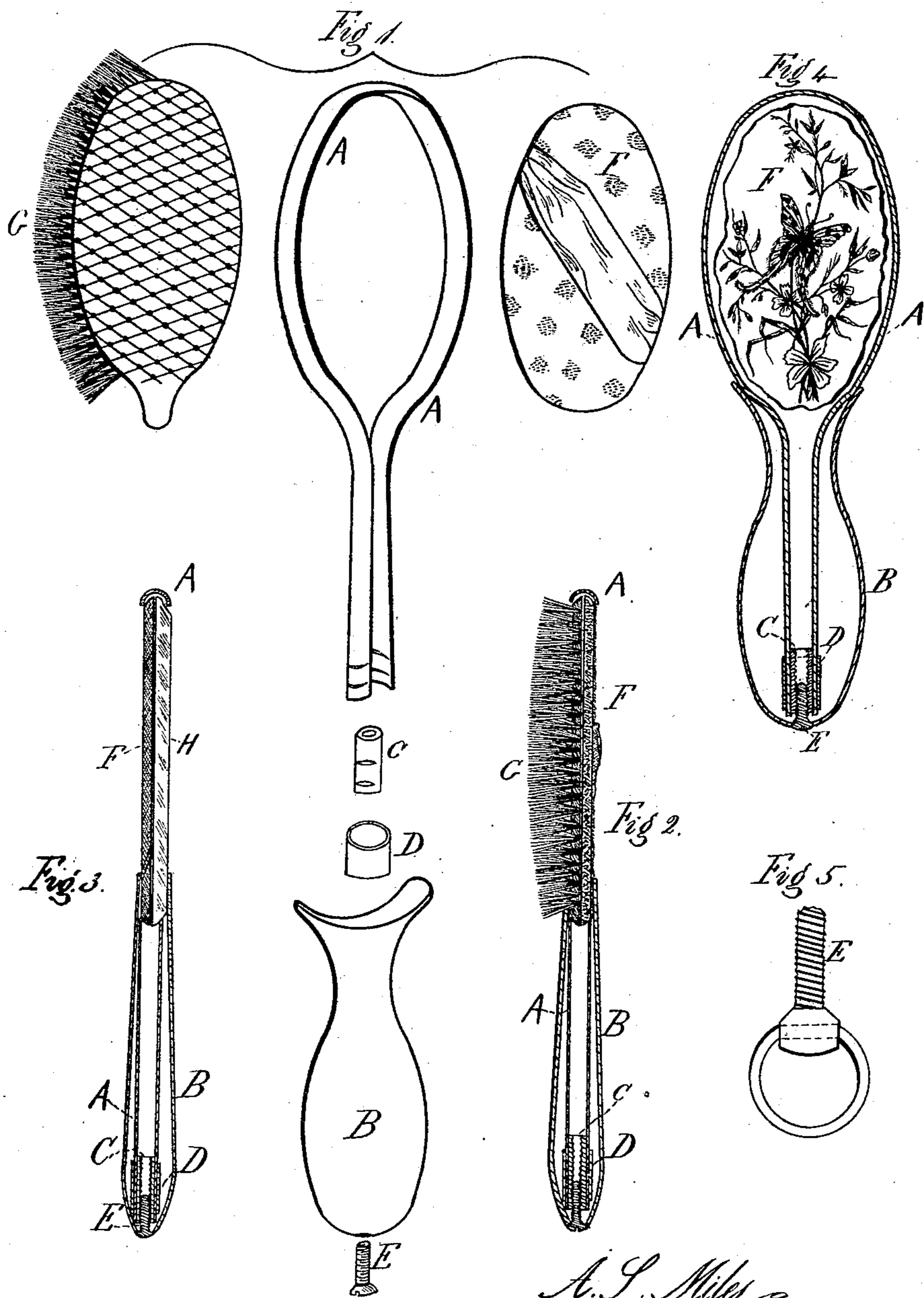
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A. S. MILES & J. B. MCINTOSH.

HANDLE FOR BRUSHES, MIRRORS, AND SIMILAR ARTICLES.

No. 251,060.

Patented Dec. 20, 1881.



Attest  
John Buckler  
A. M. Pierce.

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Inventors.  
By Worth Osgood,  
Attorney.

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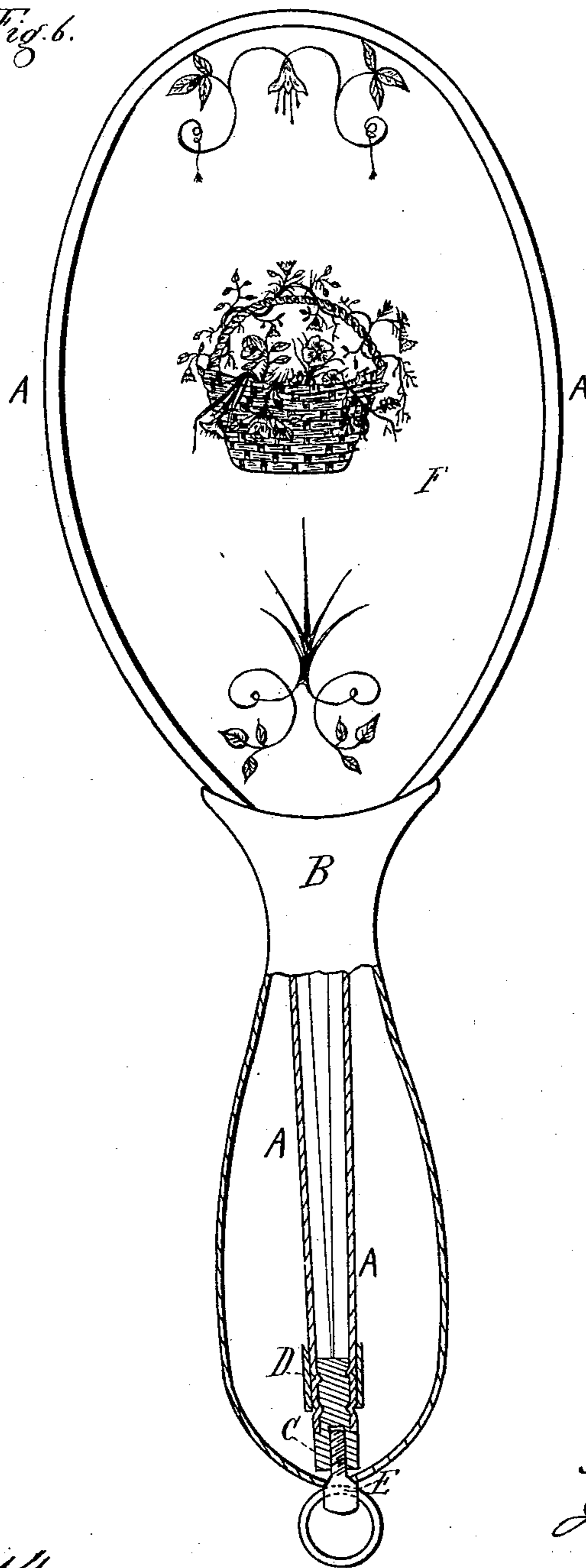
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*Fig. 6.*



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# UNITED STATES PATENT OFFICE.

ALFRED S. MILES, OF BROOKLYN, AND JOHN B. MCINTOSH, OF NEW LOTS,  
NEW YORK.

## HANDLE FOR BRUSHES, MIRRORS, AND SIMILAR ARTICLES.

SPECIFICATION forming part of Letters Patent No. 251,060, dated December 20, 1881.

Application filed April 25, 1881. (No model.)

*To all whom it may concern:*

Be it known that we, ALFRED S. MILES and JOHN B. MCINTOSH, of Brooklyn and New Lots, respectively, county of Kings, and State of New York, have jointly invented certain new and useful Improvements in Handles for Brushes, Mirrors, and Similar Articles, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

Our invention has for its object the production of a neat, simple, cheap, and serviceable handle for brushes, hand-mirrors, and similar articles, which handles may be readily detached from one article and applied to another, and which will admit of the application of a great variety of ornamental or other backings, holding the parts firmly together and covering the edges thereof, whereby considerable saving to the manufacturer is effected in the assembling of the parts and in finishing the edges thereof, and by use of which a varied assortment of goods may be carried by the tradesman at less cost than when the parts are not detachable or interchangeable. To accomplish all of this and to secure other and further important advantages, the invention involves certain novel and useful arrangements or combinations of parts, peculiarities of construction, and details of manufacture, all of which will be hereinafter first fully described, and then pointed out in the claims.

In the accompanying drawings we have chosen a hair-brush and hand-mirror with which to illustrate our improvements.

Figure 1 is a perspective view, showing the several parts of a hair or similar brush, the same being separated and intended to be afterward assembled in accordance with our invention. Fig. 2 is a section of the brush shown in Fig. 1, the parts being assembled for use. Fig. 3 is a similar view of a hand-mirror in which the parts are united in the same manner as the parts of the brush and by the same means. Fig. 4 is a horizontal section through either Fig. 2 or Fig. 3, the backing of the implement being indicated in plan. Fig. 5 is an elevation of a convenient form of coupling-screw which may be employed for locking the parts together. Fig. 6 is a plan and partial

horizontal section, showing the parts locked together by use of a screw like that shown in Fig. 5.

These illustrations are deemed sufficient to indicate the character, scope, and adaptability of our improvements, and in all the figures like letters of reference, wherever they occur, indicate corresponding parts.

According to our improvements we employ an open band, A, of such form and size as to surround the edges of the brush-block or mirror or like article and the backing therefor. The projecting ends of this band are inserted in a hollow handle, B, and the handle is secured in place by a suitable screw, pin, key, or other contrivance applicable from the exterior when all the other parts are in place. We find the means of locking the parts, as shown in the drawings, to be very simple and complete, and probably as well adapted for the purposes intended as any other form.

A short screw-socketed plug, C, is provided with indentations in its outer surface, which indentations receive corresponding internal projections upon the extremities of the band. This plug is placed between the two adjacent parts of the band, and there held by a short thimble, D. The hand-piece or handle B is slipped over the extensions of the band, and the parts locked and crowded into place by the screw E entering the socketed plug C, the head of the screw bearing against the material of the handle and holding it firmly up to its place.

The brush-block or the mirror H may be cut to any desired form or size, and the backings are made to correspond substantially to such form or size. The edges of these principal parts are not required to be finished up as in the ordinary process of manufacture, being intended to be subsequently covered entirely by the adjustable band and the adjacent end of the handle. The two principal parts being placed together, the band is sprung around their combined edges and the handle applied and locked in place as above indicated. This makes a strong and durable article of complete finish.

The use of separable backs makes it practicable to employ various materials for finishing, such as cloths, papers, mirrors, photographs,

glasses, paintings, pictures, &c., and the ornamentations or decorations of these may be carried to any desired extent. The customer selects his brush or mirror, &c., and the backing  
5 with which he desires it finished. The dealer then couples the two together, and the implement is complete and ready for use. Thus with a number of backs and bases the dealer may make up a variety of combinations, which in  
10 the old styles could not be comprehended in an ordinary stock of goods.

F is the back of the brush, and G the brush.

The backs may be readily changed whenever desired. They may be made of any composition or material; and the band being made  
15 substantially U-shaped in section, as shown, (or in some equivalent shape,) the back and face are clamped firmly together all around the edges, and the use of glue, cement, or any fastening other than the band is dispensed with.  
20 For the application of pictures, photographs, and the like, a transparent back piece may be employed, the picture being located and held between the two principal parts of the implement.  
25

It is intended to make the bands and handles of any suitable material, preferably of metal, and these may be polished or finished in any desired manner. The handle is flattened, as indicated, and fits well up around the  
30 two clamped parts, and is so formed as to give a graceful outline to the completed device. The band being drawn down into the neck of the handle, as indicated, may be made to take up any uneven or inaccurate portions of the  
35 edge of the back or face of the implement, being tightened until it properly secures the whole, so that the band will clamp articles not accurately formed to a certain size.

40 The locking-screw may be inserted by use of an ordinary screw-driver or other means; or when formed substantially as indicated in Fig. 5 the projecting ring will operate as a lever by which to turn the screw, and will be found  
45 convenient and serviceable if it be desired to hang up the article.

The backs, being interchangeable, may be replaced when worn or soiled; and the same is true of the faces or bases. For these latter  
50 various styles and qualities may be employed. The invention is specially designed for use in connection with a fine or high grade of goods; but obviously it may be applied to cheaper goods as well.

55 We have specified only brushes and mirrors as the articles or implements to which we intend applying our improvements; but we desire it understood that we do not limit our invention to such application, inasmuch as it may be

used in connection with any analogous toilet 60 or other implements.

We are aware of the previous use of metallic handles and backs which have been soldered together, and also of a proposed construction embodying an encircling-rim, the adjacent ends 65 of which are united by a handle circular in section and made to screw directly upon the said ends of the rim. To these old forms, of course, we make no claim; but,

Having now fully described our invention, 70 what we do claim as new, and desire to secure by Letters Patent, is—

1. The herein-described handle for articles of the character specified, the same consisting of an open band, a hollow hand-piece fitting 75 over the projecting ends of the band, and an independent locking device securing the ends of the band and the hand-piece, these several parts made separable or detachable from the article, substantially as and for the purposes 80 specified.

2. The base-piece, the separate back, the clamping-band having projecting ends, the hollow handle fitting over said projecting ends and extending up around the clamped parts, 85 and a suitable locking device, combined and arranged to operate substantially as shown and described.

3. The open band adapted to clamp and hold the edges of the article, the same being 90 formed to cover said edges and held in place by a detachable flattened hand-piece fitting over the projecting ends of the band, extending up around the clamped parts and secured upon said projecting ends by an independent 95 locking contrivance, the parts being combined and arranged to operate substantially as shown and described.

4. In combination with band A and hand-piece, the indented screw-socket, the thimble, 100 and a locking-screw adapted to hold the hand-piece in place, substantially as shown and described.

5. In combination with band A and hollow flattened handle B, a screw-socket, thimble, 105 and locking-screw adapted to hold the hand-piece in place, said screw being provided with a ring, substantially as and for the purposes specified.

In testimony that we claim the foregoing we 110 have hereunto set our hands in the presence of two witnesses.

ALFRED S. MILES.  
JOHN B. McINTOSH.

Witnesses:

NOYES G. PALMER,  
JAY PALMER.