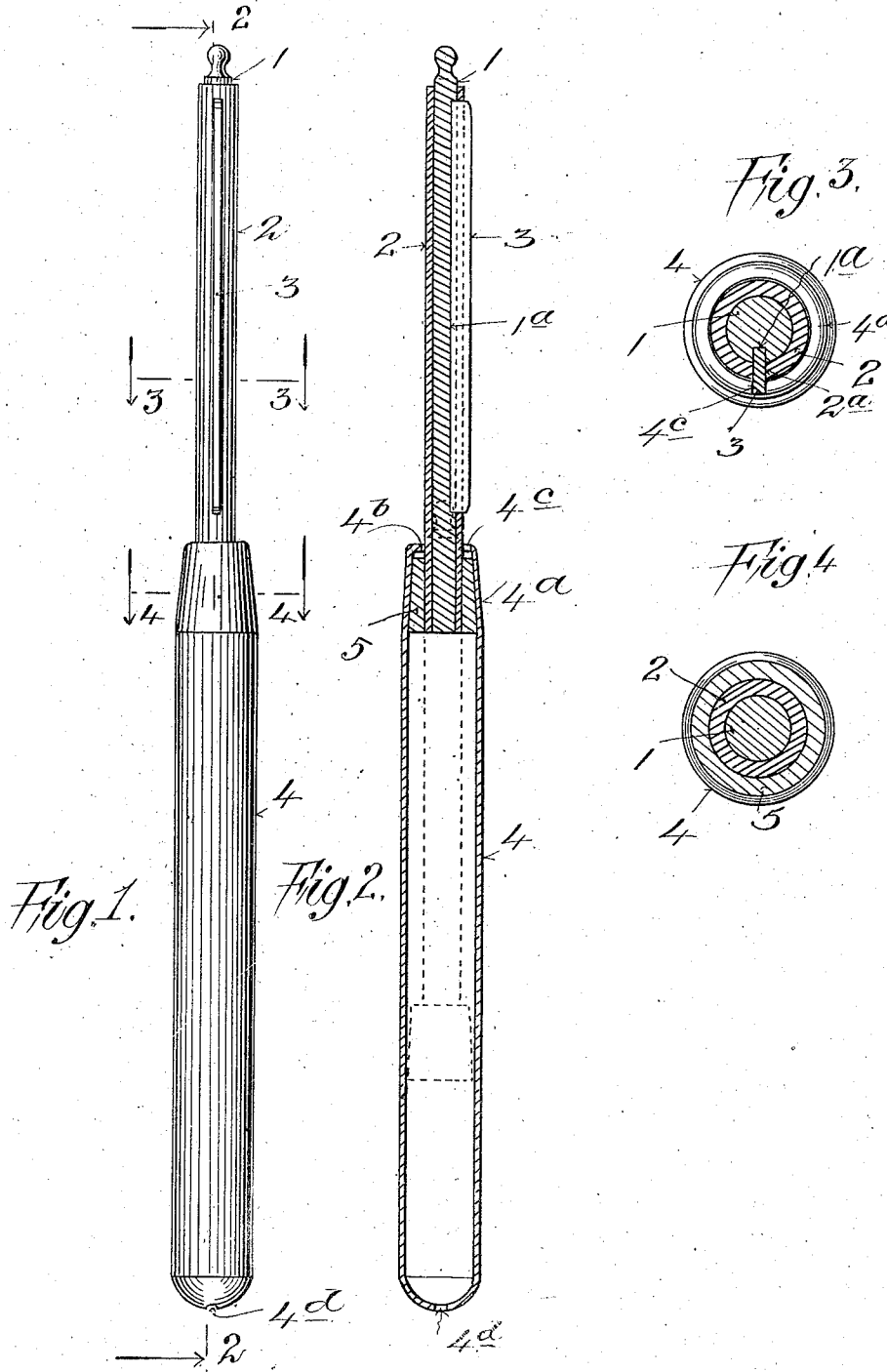


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 RAZOR STROP SCRAPER AND SURFACER.  
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1,062,393.

Patented May 20, 1913.



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# UNITED STATES PATENT OFFICE.

HENRY J. GAISMAN, OF NEW YORK, N. Y., ASSIGNOR TO AUTO STROP COMPANY, OF NEW YORK, N. Y., A CORPORATION OF NEW YORK.

## RAZOR-STROP SCRAPER AND SURFACER.

1,062,393.

Specification of Letters Patent.

Patented May 20, 1913.

Application filed August 17, 1912. Serial No. 715,562.

*To all whom it may concern:*

Be it known that I, HENRY J. GAISMAN, a citizen of the United States, and resident of New York city, borough of Manhattan, in the county of New York and State of New York, have invented certain new and useful Improvements in Razor-Strop Scrapers and Surfacers, of which the following is a specification.

The object of my invention is to provide a simple, cheap and efficient device adapted to scrape the surface of razor strops and the like, and to smooth and re-surface the strop, and particularly the scraped portion thereof, whereby accumulation of surface dressing, grit, or the like upon the strop may be readily removed and the surface readily re-finished.

My invention comprises a rod or the like provided with a soft metal strop finishing body, and a scraping edge of harder material projecting beyond the surface of such soft metal, adapted, when manipulated, to scrape the surface of the leather, upon which surface the soft metal is then rubbed to smooth such surface and apply a dressing thereto from the soft metal.

Reference is to be had to the accompanying drawings forming part hereof, wherein,

Figure 1 is a side view of my improved strop dressing device in position for use; Fig. 2 is a section on the line 2, 2, in Fig. 1; Fig. 3 is a section on the line 3, 3, in Fig. 1; Fig. 4 is a section on the line 4, 4, in Fig. 1.

The numeral 1 indicates a rod or bar of suitable material, such as brass or steel, upon which is secured a body or covering 2 of soft metal, such as lead, and at 3 is a scraper which may be of suitable relatively hard metal, such as brass or steel, and which is secured to rod 1. In the example illustrated, the rod 1 is provided with a longitudinal recess 1<sup>a</sup> in one side, in which scraper strip 3 is secured, as by forcing strip 3 into such recess, and the soft metal body 2 is shown in the form of a tube that receives rod 1, and is provided with a longitudinal slot 2<sup>a</sup> in line with the recess 1<sup>a</sup>, and through which the strip 3 is passed, whereby the body or tube 2 is kept from rotating on rod 1. The scraper strip 3 projects beyond the surface of body or tube 2 in position to engage the surface of a piece of leather for scraping the latter, leaving the surface of body or

tube 2 free to be rubbed upon the strop or leather for smoothing and dressing the latter. To protect the parts 2, 3, when not in use, I have shown a handle 4 into which the parts 1, 2, 3, are adapted to be pushed and concealed, except that the outer end of rod 1 is left exposed to permit pulling the same out of the handle. To retain the parts 1, 2, 3, in operating position when pulled outwardly, as in Fig. 2, I have shown the end 4<sup>a</sup> of tubular handle 4 as tapered outwardly, and the scraper device is provided with a head or enlargement 5 at its inner end, the surface of which is outwardly tapered to correspond with and fit snugly within the tapered end 4<sup>a</sup> of the handle, whereby, when the parts 1, 2, 3, are pulled outwardly and the enlargement 5 is caused to fit snugly in the tapered end 4<sup>a</sup> of the handle, the scraper strip 3 and finishing body 2 can be securely held projecting from the handle, and may be readily pushed inwardly.

At the end of handle 4 I provide means to closely engage the surface of body or tube 2 and scraper strip 3, as the latter are pushed in and pulled out of the handle, for the purpose of clearing the former from any accumulations of scrapings from the strop. To this end I have shown the end of handle 4 as bent inwardly at 4<sup>b</sup>, in the form of a flange or washer, to closely engage the body or tube 2, and provided with a slot 4<sup>c</sup> for the passage of scraper strip 3, the part 4<sup>b</sup> thus serving to scrape or dislodge from body or tube 2 and strip 3 any accumulations thereon when they are pushed into the handle. A hole 4<sup>d</sup> at the lower end of the handle permits air to flow in and out of the handle when the scraper device is reciprocated therein.

By means of my improvements the finishing body or tube 2 and the scraper strip 3 may be concealed within the handle 4 when not in use, providing a convenient device to be carried in a shaving set, hand bag or the like, and when it is desired to scrape and re-surface the strop the parts 1, 2, 3, are pulled out from the handle, as shown in Fig. 2, the scraper strip 3 is then drawn along the surface of the strop to scrape accumulations therefrom, and then the device is partly rotated, the soft metal finishing body or tube 2 is drawn or rubbed along the surface of the strop to smooth the latter and apply

thereto a light finishing coating, such as will be deposited from a lead surface when rubbed upon the strip.

Having now described my invention what I claim is:—

1. A device of the character described comprising a soft metal body, and a relatively hard scraping strip projecting beyond said body.
2. A device of the character described comprising an annular soft metal body, and a relatively hard scraping strip projecting beyond the surface of said body.
3. A device of the character described comprising a soft metal tube, and a relatively hard scraping strip entering said tube and projecting beyond the surface thereof.
4. A device of the character described comprising a rod, a soft metal tube surrounding said rod and having a slot on one side, and a scraping strip passing through said tube and secured in said rod, a portion of said scraping strip projecting beyond the surface of said tube.

5. A device of the character described comprising a handle provided with an inwardly extending flange at one end, a soft metal finishing body adapted to slide through said flange, and a scraping strip projecting beyond the surface of said soft metal body, said flange having a slot to permit the passage of said scraping strip.

6. A device of the character described comprising a handle having a tapering portion adjacent one end, and a soft metal tube adapted to slide in said handle and provided with a head or enlargement at one end adapted to engage the tapering portion of the handle, and a scraping strip connected with said tube and projecting beyond the surface thereof.

Signed at New York city, in the county of New York, and State of New York, this 16th day of August, A. D. 1912.

HENRY J. GAISMAN.

Witnesses:

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