Feb. 4, 1936. C. E. LIERLEY 2,029,626

SCRUBBING MITT

Filed Oct. 7, 1935

Fig. 1.

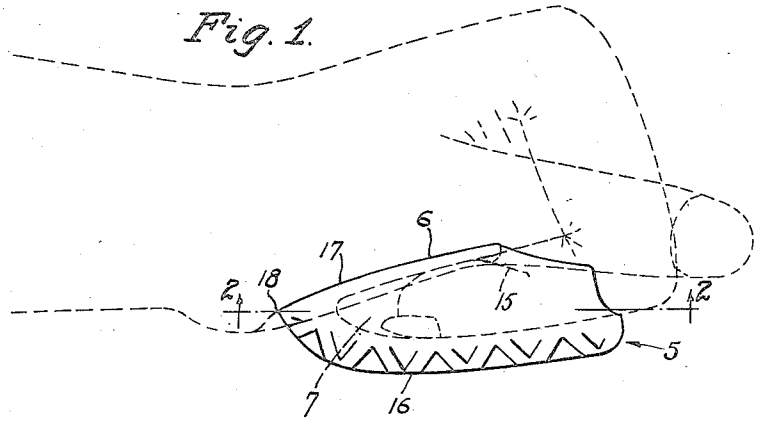


Fig. 2.

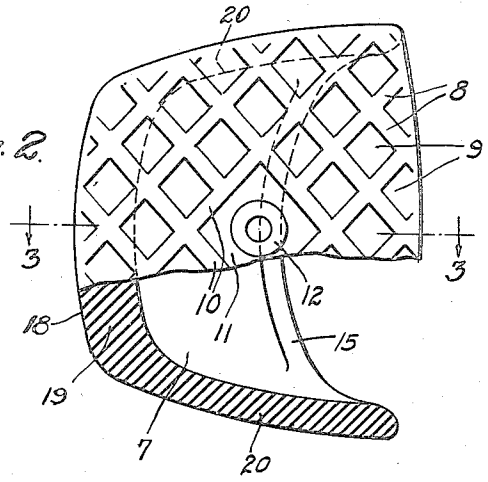


Fig. 3.

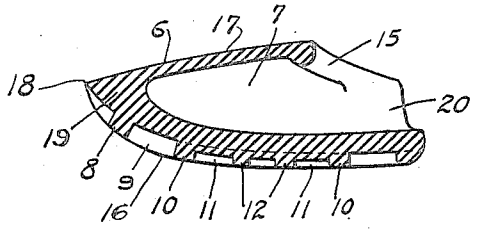
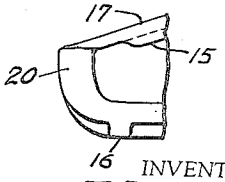


Fig. 4.



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Patented Feb. 4, 1936 2,029,626

UNITED STATES PATENT OFFICE

2,029,626

SCRUBBING MITT

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Application October 7, 1935, Serial No. 43,860

3 Claims. (Cl. 68—8)

This invention relates to a scrubbing finger mitten which is constructed in such a manner as to enable the wearer more effectively to perform various scrubbing operations.

One object of the invention is to provide a scrubbing article or device of the kind stated which has an applicator surface furnished with an improved arrangement of scrubbing ribs and intervening grooves.

Another object of the invention is to furnish the article with an improved finger-gripping surface thus enabling the wearer more effectively to move it forcibly over the surface being scrubbed, and also safeguarding more effectively against the article slipping off from the fingers during use.

Other objects, advantages and features of the invention may hereinafter appear.

Referring to the accompanying drawing, which illustrates what is at present deemed to be a preferred embodiment of the invention,

Fig. 1 is a side elevation of the article showing it applied to the hand of the user.

Fig. 2 is a plan view thereof looking at the applicator surface part of which is broken away in order to disclose the interior construction.

Fig. 3 is a cross section taken on line 3—3 of Fig. 1.

Fig. 4 is a fragmental rear view of the article.

Referring in detail to the drawing, the finger mitten illustrated comprises a body portion 5 and a front piece or keeper 6 thus affording a finger pocket 7 to receive the fingers of the human hand, as illustrated in Fig. 1.

Said body portion 5 is positioned to overlie the back surface of the fingers of the flexed hand when the article is in use, and is provided with a plurality of quadrangularly arranged scrubbing ribs 8 which are separated from each other by grooves 9. In a central location with relation to these ribs and grooves is located a continuous substantially rectangular rib 10 which incloses a more shallow depressed space 11 in the center of which is a rise 12 which may be made about the same height as the ribs 8 and 10, said ribs all desirably being of about the same height in order to present a uniform scrubbing or applicator surface. The part 11 thickens and thus reinforces the central portion of the article.

The various ribs which have been mentioned all run diagonally with relation to the direction in which extend the fingers of the hand upon which the article is placed, thus scrubbing with an effective diagonal shearing contact as the operator moves the mit. The ribs 8 intersect each other at substantially a right angle, and the same is true of the grooves 9. Therefore there is a balanced scrubbing action when the hand of the operator is alternately moved back and forth as has been stated.

The front forms the inner flap of the finger pocket 7 and is constructed and arranged to fit over the palmar surface of the fingers when the article is in use, and is furnished along its margin with an inwardly directed bead or selvage rib 15 which performs the combined functions of reinforcing the front piece 6 and of forming a finger hold which fits into the sulcus between the two outer joints of the flexed fingers when the fingers are inserted into the pocket 7 as shown in Fig. 1. This transverse selvage rib 15 is therefore peculiarly well adapted to perform the intended retaining function for the article while in use and to give the operator a better grip upon the mitten so as to use it more effectively. Said rib has a rounded face as viewed in cross section thus making it comfortable to the hand.

The applicator or scrubbing surface is rounded or convexly beveled at 16 and the palmar surface is slightly beveled at 17, said surfaces 16 and 17 meeting each other along a blunt ridge or peak line 18. Between the point 18 and the pocket 7 a reinforcing mass or body 19 is provided, and the article is furnished with a substantial heavy side or edge wall 20 at each side of the pocket 7. The rib 15 and pocket edge along which it extends are both concaved as best shown in Fig. 2, and the opposite pocket edge is somewhat convex, these curved lines substantially meeting at the corners of the open edge of the pocket 7.

I claim:

1. A mitten of the kind described having a finger pocket located between an applicator portion and a finger-grippable portion, the latter portion consisting of a pocket flap having along the inner side of its margin a rib positioned to fit within the groove or sulcus at the base of the outer joints of the fingers of the operator.

2. A mitten of the kind described having a pocket formed by an applicator portion on one side thereof and a finger-grippable flap on the opposite side thereof, said mitten having a thickened body portion at the base of said pocket which has a pointed outer extremity and an inner part positioned to be engaged by the tips of the fingers of the operator.

3. A mitten of the kind described having an applicator surface furnished with ribs and intervening grooves, the depth of the said grooves being less in the central portion of said applicator surface thereby thickening and reinforcing the part of the article underlying said surface.

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