Sept. 8, 1953 D. F. DYER ET AL 2,651,071

MITT FOR DETACHABLE CLEANING PADS

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Fig. 1.

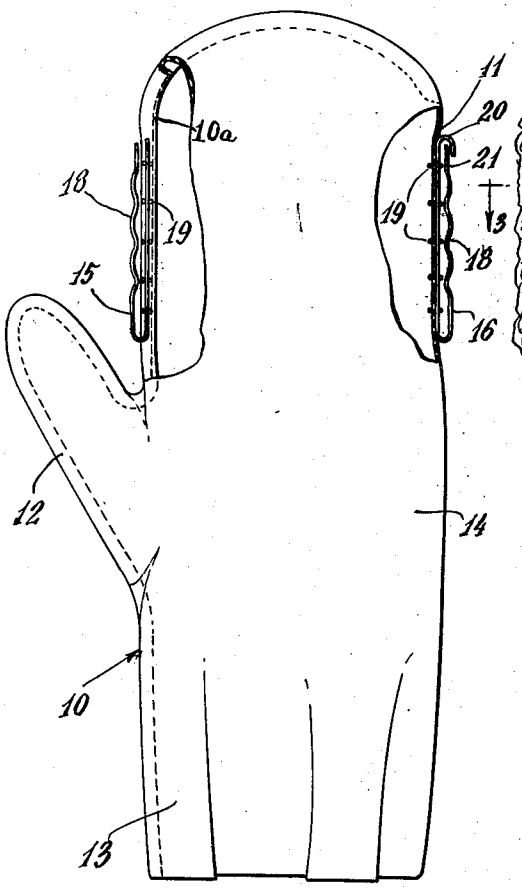


Fig. 2.

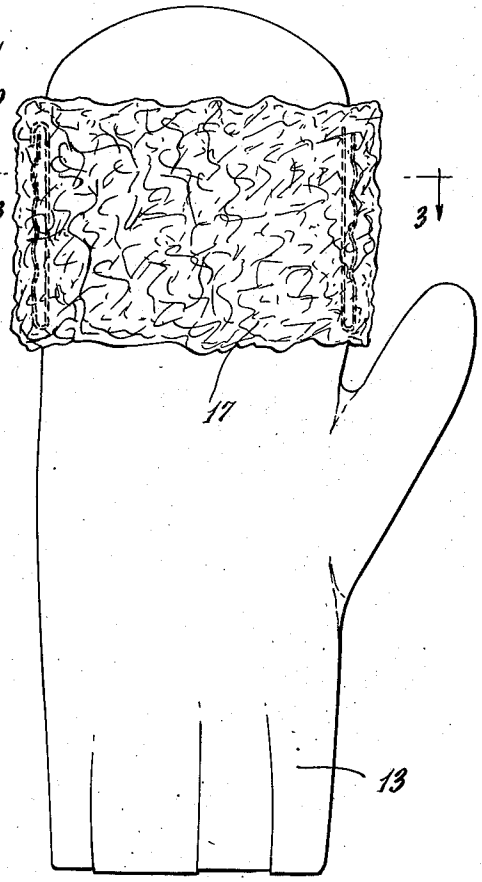
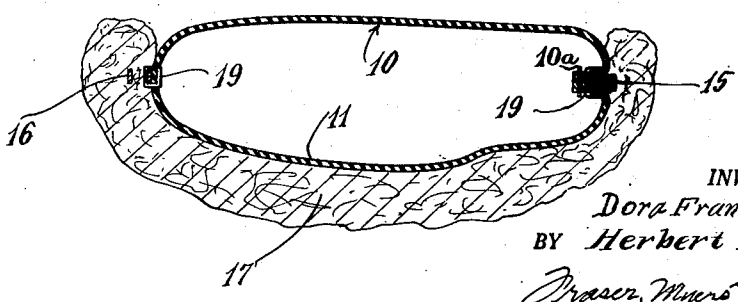


Fig. 3.



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MITT FOR DETACHABLE CLEANING PADS

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7 Claims. (Cl. 15—227)

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The present invention relates to mitts adapted for holding an abrasive or polishing material for use in cleaning pots, pans and the like and aims to provide certain improvements in such mitts.

Among the objects of our invention are: (1) to provide a mitt with means for detachably securing an abrasive or polishing material thereto; (2) to provide such mitt which can be worn on either hand and accommodate the abrasive material on the pressure-applying side of the mitt; (3) to provide such mitt with means for detachably securing a pad of abrasive or polishing material to the pressure-applying side of the mitt irrespective as to the hand on which the mitt is worn; and (4) to provide a protective mitt for the hand for use in scouring and polishing operations which will fully protect the hand against incursion of the sharp ends of steel or other metallic wool, which is simple in construction, economical to manufacture and substantially foolproof in use.

The foregoing and other objects of our invention not specifically enumerated we accomplish by providing a reversible mitt formed of suitable durable waterproof material which is resistant to the penetration therethrough of metallic wool, said mitt having on its lateral edges defining the pocket for the reception of the fingers of a wearer's hand, means for detachably securing thereto, so as to lie against one face of the mitt in the region where the fingers will be located therein when worn, a pad of metallic wool or other polishing material, the said pad-securing means being preferably of a character such as to hold the pad from accidentally becoming detached therefrom.

The invention will be better understood from the detailed description which follows, when considered in conjunction with the accompanying drawings, wherein:

Figure 1 is a plan view of one face of a mitt embodying our invention, part thereof being broken away to better show a detail of construction thereof.

Fig. 2 is a plan view of the opposite face of the mitt embodying our invention and showing a pad of abrasive material attached in operative relation thereto.

Fig. 3 is a section taken substantially along the plane of the line 3—3 of Fig. 2.

Referring to the drawings wherein we have shown a preferred embodiment of our invention, the mitt 10 which may be formed of any suitable durable waterproof and metallic wool impervious

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material such as oil cloth, rubber, plastic, treated fabric or the like, may be said to consist of a hand-receiving pocket having a portion 11 for the reception of the fingers, a thumb portion 12, a wrist portion 13 and a palm portion 14 between the wrist portion and the finger-receiving portion 11. The mitt 10 may be made in any manner known to the art, either from a single piece of material or from a pair of identical blanks by sewing around the edges thereof as shown at 10a, leaving the edge at the wrist portion open for the insertion of the wearer's hand. Preferably the mitt is of the reversible type, i. e., of a character such as may be worn on either the right or the left hand.

At the lateral edges defining the portion of the pocket 11 for accommodating the fingers of a wearer's hand the mitt is provided with additional securing means 15, 16 adapted to detachably receive and hold a pad 17 of steel or other metallic wool, cotton waste or the like across either face of a finger-receiving portion of pocket 11. The securing means 15, 16 may assume various forms and as herein shown each consists of a substantially U-shaped wire pin preferably in the nature of a bobby pin formed with a sinuous arm 18 for increasing the resistance to removal of the pad therefrom. The bobby pins may be secured to the side edges of the portions 11 in any preferred manner, such, for example, by stitching 19 extending over one of the arms. The ends of the U-shaped pin may be directed toward either end of the mitt but we prefer that said ends be directed toward the finger tip end of the mitt as shown in the drawings. If desired, the U-shaped pins at their free ends may be formed to interengage and lock in the manner of a safety pin, as best shown by the reversely bent end 20 which overlaps the end 21.

To apply a pad 17 of abrasive material such as steel wool, cotton waste or the like to the mitt, the pad adjacent one edge thereof is first forced over the free arm of the pin, and after extending the pad across a face of the mitt an opposite edge portion of the pad may then be forced over the free arm of the other pin. By having the pad-receiving arms of the pin sinuous or corrugated, a better holding of the pad on the mitt will be provided. To insure against accidental detachment of the pad from the mitt in use, pins having the safety feature such as shown by the parts 20 and 21 may be resorted to. Where such safety pins are used, of course, the pad will be applied while the ends of the pins are unlatched.

It will be appreciated from the foregoing detailed description that we have provided a mitt adapted to removably hold a cleaning pad thereon, capable of use on either hand, as desired, and possessing the characteristics necessary for accomplishing all of the objects set forth in the opening statement of the specification; and although we have shown and described a single embodiment of our invention it will be understood that changes in the constructional details thereof may be resorted to within the range of mechanical skill without departing from the spirit of our invention as defined in the appended claims.

What we claim is:

1. A mitt of the class described comprising front and rear panels secured at the top and lateral edges thereof and defining a pocket portion for the reception of the fingers of a wearer's hand, and a wire secured to the pocket portion at each lateral edge thereof and extending in the general direction of said edges, said wires each having a portion adapted to detachably receive and hold a pad of material across one outer face of the pocket portion.

2. A mitt of the class described comprising front and rear panels secured at the top and lateral edges thereof and defining a pocket portion for the reception of the fingers of a wearer's hand, and a U-shaped wire at each lateral edge of said pocket, each said U-shaped wire having one leg thereof secured to said lateral edge and having its other free leg extending in the general direction of said edge, said free legs adapted to detachably receive and hold a pad of material across one outer face of the pocket portion.

3. A mitt according to claim 2 wherein at least one of the U-shaped wires is formed with a safety pin closure.

4. A mitt according to claim 2 wherein the wires are formed with means for increasing the resistance to removal of the pad therefrom.

5. In combination, a mitt and a pad of cleansing material detachably held onto and extending across that part of the face of the mitt against the rear of which the pressure-applying portions of the fingers of a wearer's hand would engage when wearing the mitt, said mitt having at each of its lateral edges a wire extending in the general direction of the lateral edges, and the pad being detachably held onto said wires.

6. A mitt of the class described adapted to be worn on either hand of the wearer, comprising a pair of complemental panels defining a pocket portion for the reception of the fingers of the wearer's hand, the outer face of one of said panels constituting a pressure-applying face when the mitt is worn on the right hand, the outer face of the other said panel constituting a pressure-applying face when the mitt is worn on the left hand, and securing means extending along the lateral edges of said panels defining said pocket portion, said securing means adapted to detachably receive and hold a pad of material across either pressure-applying face of the pocket portion when the mitt is worn on either hand of the wearer.

7. A mitt according to claim 1 wherein the wires are formed with means for increasing the resistance to removal of the pad therefrom.

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References Cited in the file of this patent

UNITED STATES PATENTS

Number	Name	Date
1,005,437	Leavengood	Oct. 10, 1911
1,130,325	Page	Mar. 2, 1915
1,231,168	Jones	June 26, 1917
1,507,707	Morganstern	Sept. 9, 1924
1,569,854	Doerr	Jan. 19, 1926
1,736,344	Hisek	Nov. 19, 1929
1,882,179	Daly	Oct. 11, 1932
2,034,169	Alefantis	Mar. 17, 1936
2,103,455	Greenwald	Dec. 28, 1937
2,227,707	Cooper	Jan. 7, 1941
2,239,919	Lindfelt	Apr. 29, 1941
2,550,092	Sitek	Apr. 24, 1951

FOREIGN PATENTS

Number	Country	Date
646,659	France	Nov. 14, 1928