

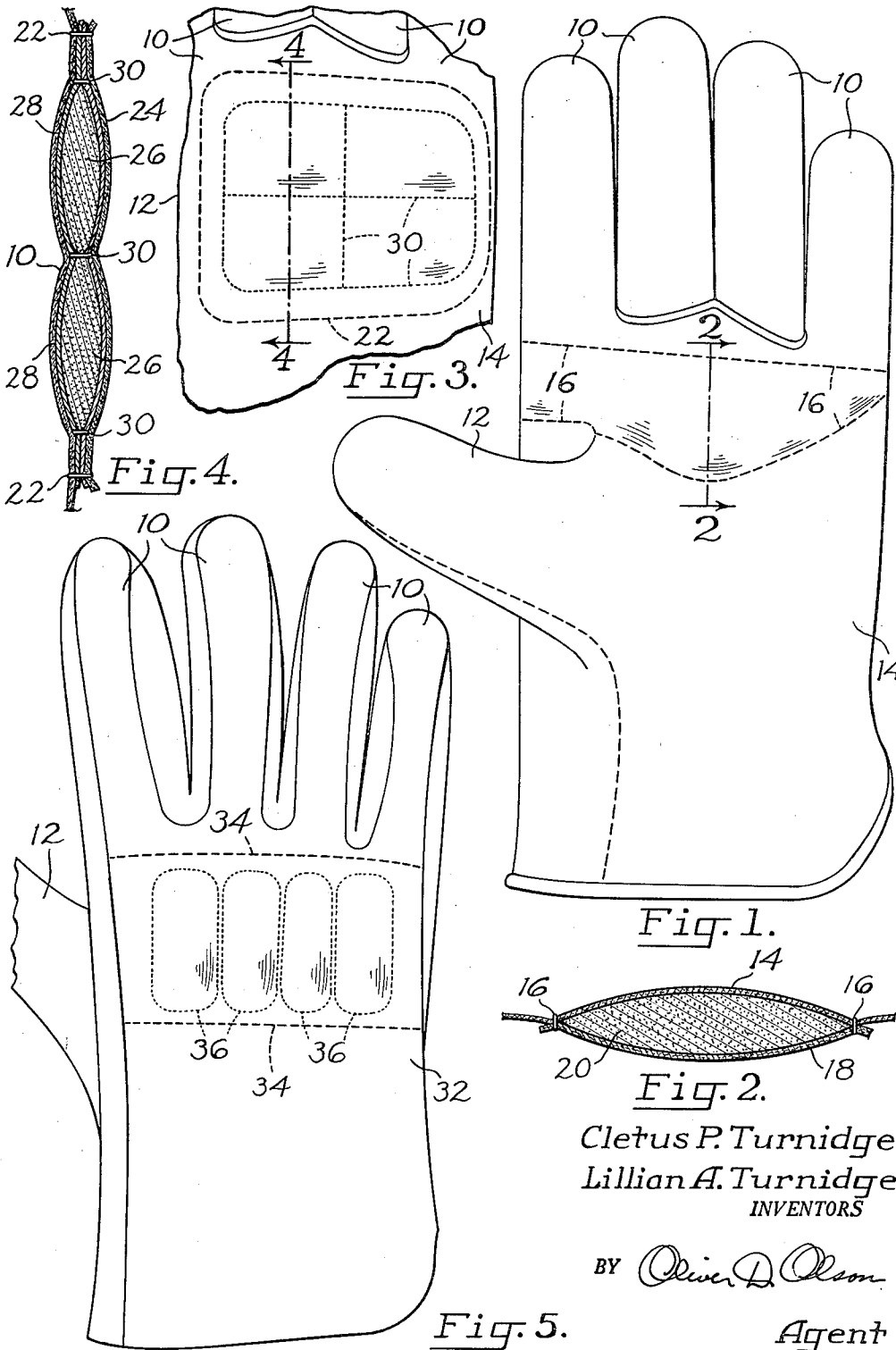
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POLICEMAN'S GLOVE

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POLICEMAN'S GLOVE

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1 Claim. (Cl. 2-161)

This invention relates to gloves, and more particularly to a weighted glove for use by law enforcement personnel.

It is frequently necessary for law enforcement officers to use physical force in quelling disturbances, effecting arrests and other similar circumstances. Saps or night sticks are commonly employed for this purpose and, under extenuating circumstances it is sometimes necessary to use the fists. Although such devices inflict minimum marking or other injury, the connotation of brutality associated with them oftentimes brings scorn and indignation from onlookers.

It is a principal object of the present invention to provide a weighted glove by which a law enforcement officer may quickly subdue a person simply by an unobtrusive open-handed slap.

Another important object of this invention is to provide for law enforcement personnel a glove which is weighted with heavy material in powdered form, whereby its use as a sap does not result in marking or other injury to a troublemaker.

Still another important object of the present invention is to provide a weighted glove for law enforcement personnel, which glove has all the appearances of a conventional glove and may be worn without encumbering the normal use of the hands for driving, writing, etc.

A further important object of this invention is the provision of a weighted glove for law enforcement personnel, which glove is of economical construction and is capable of long and severe use.

The foregoing and other objects and advantages of this invention will appear from the following detailed description, taken in connection with the accompanying drawing in which:

FIG. 1 is a plan view of the palm side of a glove embodying features of the present invention;

FIG. 2 is a fragmentary sectional view taken along the line 2-2 in FIG. 1;

FIG. 3 is a fragmentary plan view of the palm side of the modified form of glove embodying features of the present invention;

FIG. 4 is a fragmentary sectional view taken along the line 4-4 in FIG. 3; and

FIG. 5 is a fragmentary plan view of the back side of a further modified form of glove embodying features of this invention.

In its basic concept, the present invention involves the incorporation with the conventional glove, of a mid section weighted with heavy material in powdered or otherwise minutely particulate form.

Referring to the embodiment illustrated in FIGS. 1 and 2, there is shown a conventional glove provided with finger compartments 10 and thumb compartment 12 projecting appropriately from an intermediate palm section 14. In accordance with the present invention a transversely elongated, peripherally sealed pocket is provided across the palm between the thumb and finger sections, by means of the stitching 16 which secures the underlying

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strip of leather 18 (FIG. 2) or other suitably flexible and imperforate material to the inner surface of the palm side of the glove. This pocket is filled with powdered, or otherwise finely particulate lead 20, or other suitably heavy material such as the metals copper, iron, nickel and alloys containing them. The amount of powdered material may be varied as desired, although it has been found that five or six ounces is quite suitable for the intended purpose.

The weighted pocket underlies the first knuckles of the fingers, and thus permits complete freedom of movement of the fingers and thumb. The pocket is quite indiscernible, giving the glove conventional appearance.

In the embodiment illustrated in FIGS. 3 and 4, the pocket outlined in dash line 22 covers a greater area of the palm. It extends from the finger compartments 10 rearwardly along side the thumb compartments 12, between the latter and the opposite margin of the glove. As in the embodiment first described, the pocket is formed between the inner surface of the palm side 14 of the glove and the underlying flexible material 24 (FIG. 4) which is secured thereto by the peripheral stitching indicated by the dash line 22.

In order to prevent shifting of the powdered heavy material 26 in this enlarged pocket, the powdered material is confined with a plurality of secondary, smaller pockets formed in an inner sack 28 by the stitchings 30 illustrated by the dotted lines in FIG. 3. This inner sack is secured within the main pocket by the dash line stitching 22 (FIG. 4) and, if desired, by an interface layer of adhesive.

In the embodiment of FIGS. 3 and 4, the same amount of powdered heavy material is distributed over a larger area, thus reducing the thickness of the pocket and rendering the latter even less conspicuous.

In the embodiment illustrated in FIG. 5, the main pocket is provided on the back side 32 of the glove in the intermediate transverse area overlying the first knuckles. As in the previous embodiments this main pocket is provided by the stitchings 34 which secure the margins of a flexible material to the inner surface of the back side of the glove. Also, as in the embodiment of FIGS. 3 and 4, this main pocket confines an inner sack which is compartmented, by the stitchings 36 shown in dotted line to provide a plurality of secondary pockets containing the powdered heavy material.

The glove construction shown in FIG. 5 may be utilized as in the embodiments previously described, that is with an open-handed blow, since the added weight is provided in the same intermediate area of the hand, and may be worn without encumbering the normal use of the hands.

Although the gloves described hereinbefore are intended to be used normally for an open-handed blow, the positioning of the powder-containing pockets in the intermediate area of the hand permits the hand to be closed for delivering a fist blow if necessary. In either case the additional weight enhances the force of the blow, and the powdered form of the heavy material prevents marking or other injury. The powdered form of the heavy material also renders the glove completely flexible, permitting normal use of the hand and fingers, and allows the glove to be folded for storage in a pocket.

It will be apparent to those skilled in the art that various changes in the details of construction described

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hereinbefore may be made without departing from the spirit of this invention and the scope of the appended claim.

Having now described our invention and the manner in which it may be used, what we claim as new and desire to secure by Letters Patent is:

A law enforcement glove comprising a glove body having flexible finger and thumb compartments and palm and back sections intermediate the ends of the glove body, means forming in one of said intermediate palm and back sections a pocket extending transversely of the glove body

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in the area adjacent the first knuckles of the hand, a flexible sack being secured within the pocket, and a powdered heavy material filling and being confined within said sack.

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