

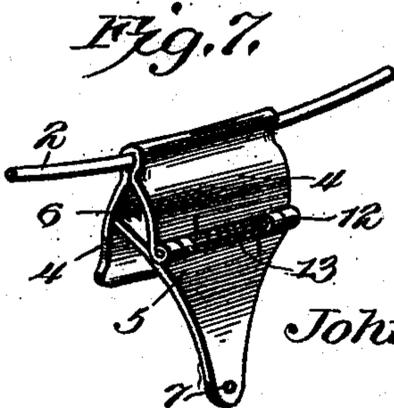
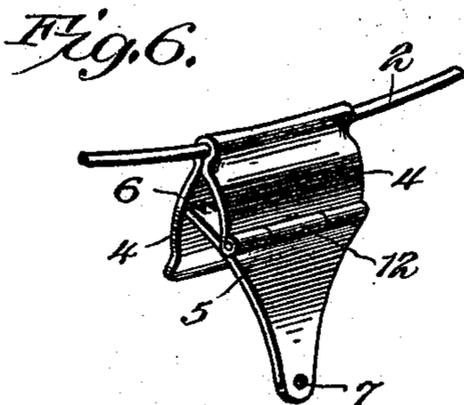
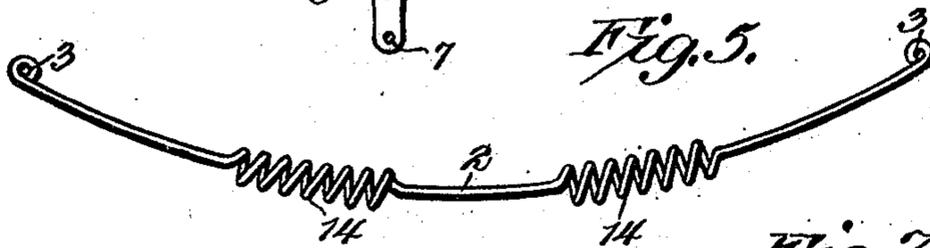
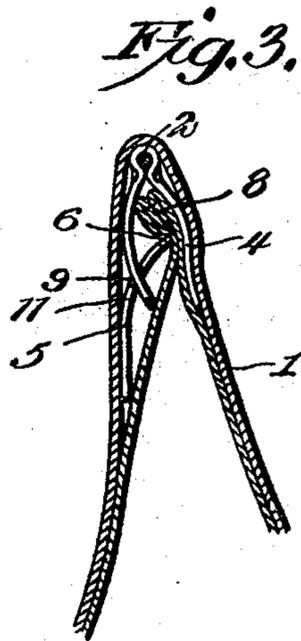
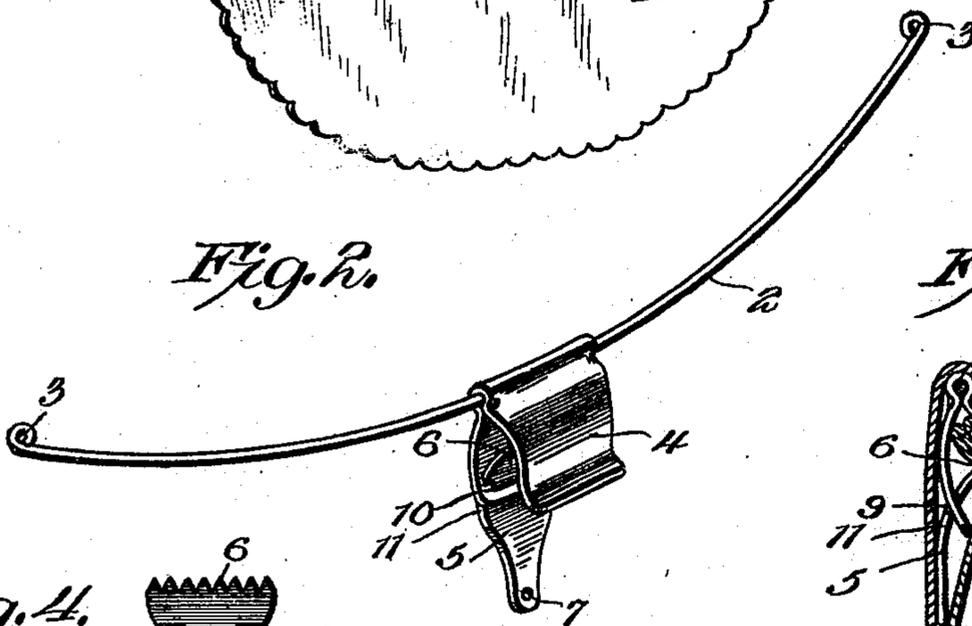
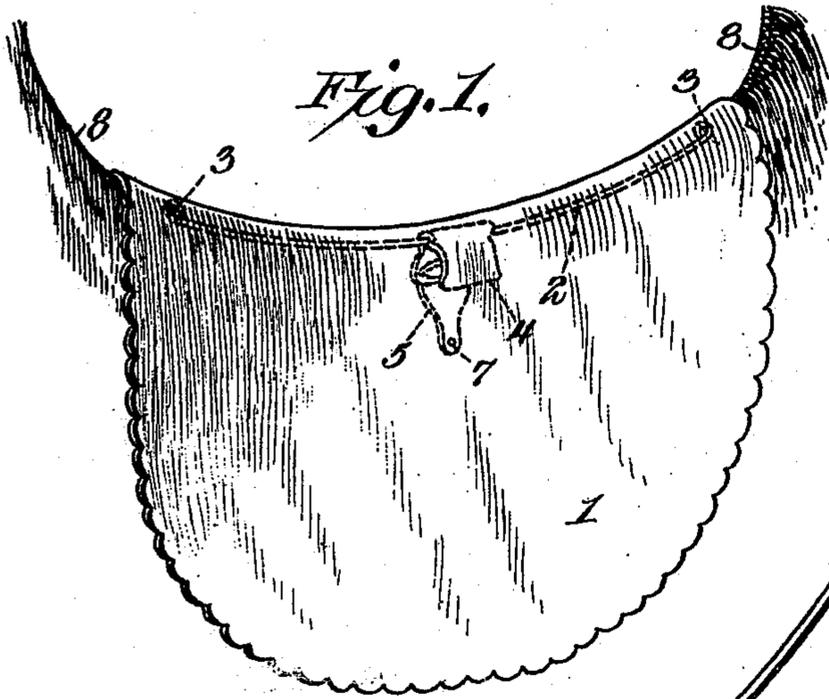
No. 702,667.

Patented June 17, 1902.

J. F. MURPHY.
DRESS SHIELD.

(Application filed Sept. 26, 1901.)

(No Model.)



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UNITED STATES PATENT OFFICE.

JOHN FRANCIS MURPHY, OF ADRIAN, MICHIGAN.

DRESS-SHIELD.

SPECIFICATION forming part of Letters Patent No. 702,667, dated June 17, 1902.

Application filed September 26, 1901. Serial No. 76,689. (No model.)

To all whom it may concern:

Be it known that I, JOHN FRANCIS MURPHY, a citizen of the United States, residing at Adrian, in the county of Lenawee and State of Michigan, have invented a new and useful Dress-Shield, of which the following is a specification.

This invention relates to dress-shields, and is designed to provide an improved holder and stretcher therefor to prevent wrinkling or rucking of the shield and also to facilitate the connection thereof with an arm-scyce in such a manner as to prevent displacement of the holder from the arm-scyce by movement of the arm of the wearer. It is furthermore designed to have the holder flexible, so as to readily accommodate itself to the movements of the wearer without displacing the shield.

With these and other objects in view the present invention consists in the combination and arrangement of parts, as will be hereinafter more fully described, shown in the accompanying drawings, and particularly pointed out in the appended claims, it being understood that changes in the form, proportion, size, and minor details may be made within the scope of the claims without departing from the spirit or sacrificing any of the advantages of the invention.

In the drawings, Figure 1 is a perspective view of a dress-shield having the improved holder applied thereto and shown in dotted lines. Fig. 2 is a detail perspective view of the improved holder. Fig. 3 is a cross-sectional view through the device, showing the same applied to an arm-scyce. Fig. 4 is a detail perspective view of the movable member of the clamp for engagement with the arm-scyce. Fig. 5 is a detail perspective view of a modified form of the body of the holder. Figs. 6 and 7 are detail perspective views of modified forms of attaching-clamps.

Like characters of reference designate corresponding parts in all the figures of the drawings.

It will be understood that the present invention is designed for application to the ordinary form of dress-shield as now in common use and has been illustrated, as indicated at 1, in the accompanying drawings. The body of the holder is formed by a wire or flexible metallic rod 2, which is bent into arcuate form

and is provided at opposite ends with the terminal eyes 3. This body portion is adapted to be fitted within the bight of the dress-shield, as plainly indicated in Fig. 3, and is connected thereto by means of stitches passed through the terminal eyes 3.

For connecting the holder to an arm-scyce of a dress there is provided an inverted substantially U-shaped clamp 4, which embraces the body 2 at about the middle thereof and is connected thereto in any suitable manner, so as to prevent looseness and endwise movement thereon. One side of this clamp 4 is provided with a swinging jaw 5, the inner edge of which is toothed, as indicated at 6, and designed to close the space between the opposite sides of the clamp 4 and also to cooperate with the opposite side thereof, so as to clamp an arm-scyce thereagainst. The outer end of the jaw 5 is provided with an eye or perforation 7 for the reception of suitable stitches, whereby said jaw may be secured to the adjacent side or section of the shield, as clearly indicated in Fig. 3.

In applying a shield equipped with the present invention the jaw 5 is opened, so that the opposite sides of the clip 4 may be placed astraddle of the arm-scyce 8, after which the jaw is manipulated to force said arm-scyce into the clip and clamp the same between the toothed end of the jaw and the opposite side of the clip, whereby the device is conveniently connected to the arm-scyce and the shield is held against accidental movement thereon, although capable of removal whenever desired.

The jaw 5 should be connected to that section of the shield which is to lie next to the body, so that it may not be affected by the raising and lowering of the arm, and thereby obviate loosening of the clamp by movements of the arm.

In Figs. 2 and 3 of the drawings there has been shown the form of jaw illustrated in Fig. 4, said jaw having the opposite notches 9 for loose engagement with the opposite ends of a slot 10, formed through one of the sides of the clip 4, through which the jaw is passed, so as to form a pivotal connection therewith, it of course being understood that the projections 11, formed by the notches 9, are bent inwardly before the jaw is passed through the

slot and then bent outwardly to prevent displacement of the jaw.

Other forms of clamps for engagement with an arm-scye have been illustrated in Figs. 6 and 7, wherein the jaw is provided with an ordinary hinged connection 12, while in Fig. 7 there has been shown a coiled spring 13 to give elasticity to the jaw.

A modified form of the arcuate body 2 has been illustrated in Fig. 5, wherein the rod or wire is bent or twisted into a pair of spring-coils 14, which are located at opposite sides of the middle portion of the rod, so as to lie at opposite sides of the clamp. The purpose of these coils is to render the device more flexible, so as to readily give to the movements of the arm.

What I claim is—

1. A dress-shield, having a continuous arcuate holder and spreader fitted in the bight thereof and connected thereto, and an attaching-clamp carried by the intermediate portion of the holder and embodying a clip to straddle an arm-scye, and a pivotal jaw carried by one side of the clip and to clamp against the opposite side thereof.

2. A dress-shield, having an arcuate continuous spreader and holder fitted in the bight thereof, and provided with an intermediate substantially U-shaped clip embracing and fixed to the holder, and a clamping-jaw pivoted intermediate of its ends to one side of the clip and to cooperate with the other side thereof, the outer free end of the jaw being connected to the adjacent section of the shield.

3. A holder and spreader for dress-shields, comprising a continuous arcuate body having opposite terminal eyes, and an intermediate inverted substantially U-shaped clip embracing the body and projected at the convex side thereof, and having a jaw pivoted intermediately to one side of the clip, the inner end of the jaw being provided with teeth and lying between the sides of the clip to cooperate with the opposite side thereof, and the outer free end of the jaw being constructed for connection with one section of a dress-shield.

4. A dress-shield holder and spreader, comprising a continuous arcuate rod-like body having a portion twisted into a spring-coil located in the longitudinal axis thereof to give flexibility to the device, and an arm-scye-engaging clamp carried by the spreader and projected at the convex side thereof.

5. A dress-shield holder and spreader, comprising an arcuate rod-like body having portions twisted into spring-coils located at opposite sides of the middle of the device and in the longitudinal axis thereof, and an arm-scye-engaging clamp carried by the device between the opposite spring-coils and projected at the convex side of the spreader.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

JOHN FRANCIS MURPHY.

Witnesses:

ALICE B. ANGELL,
W. S. WESTERMAN.