

Aug. 20, 1946.

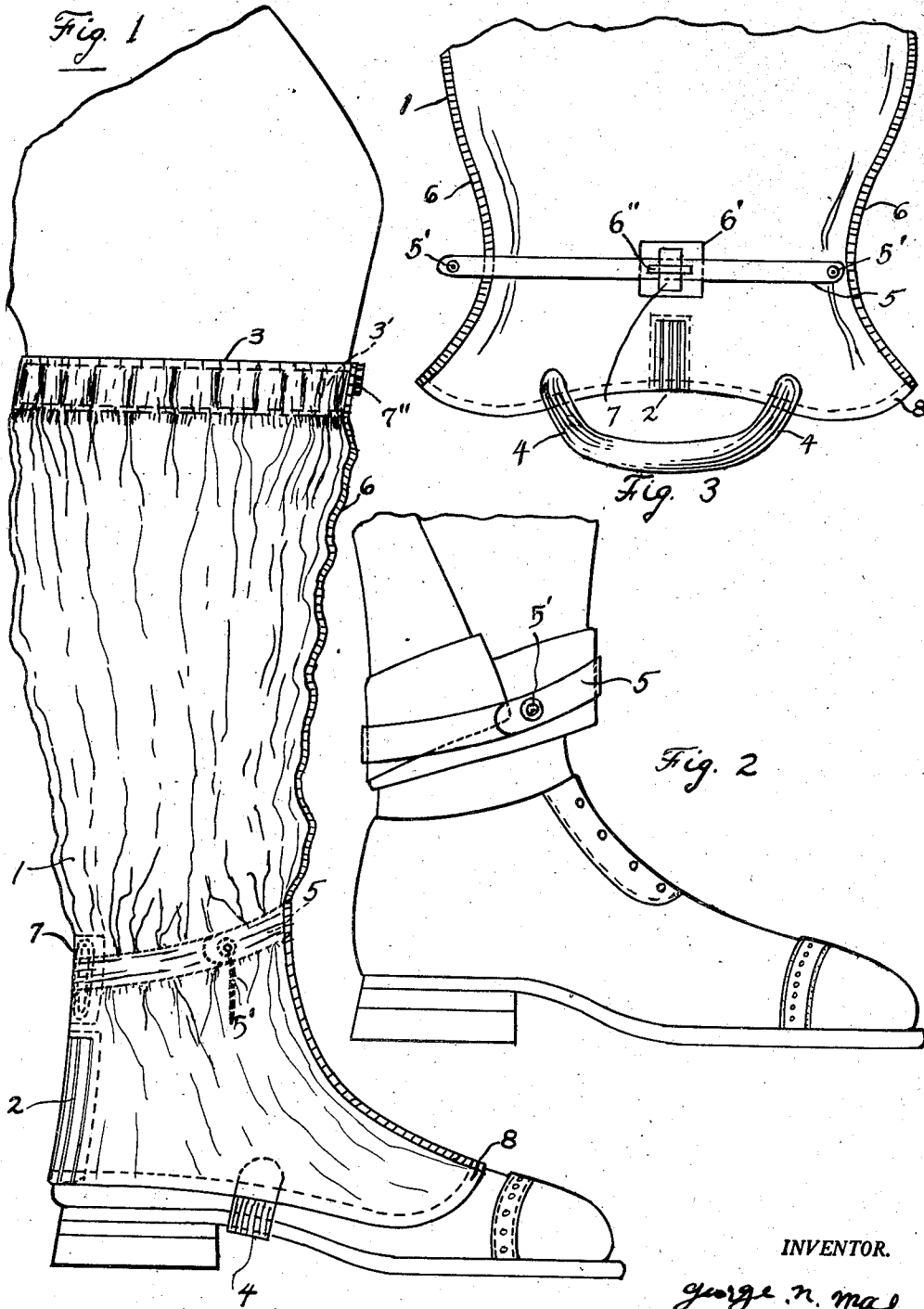
G. N. MAS

2,406,090

PROTECTING SHIELD

Filed Sept. 15, 1943

2 Sheets-Sheet 1



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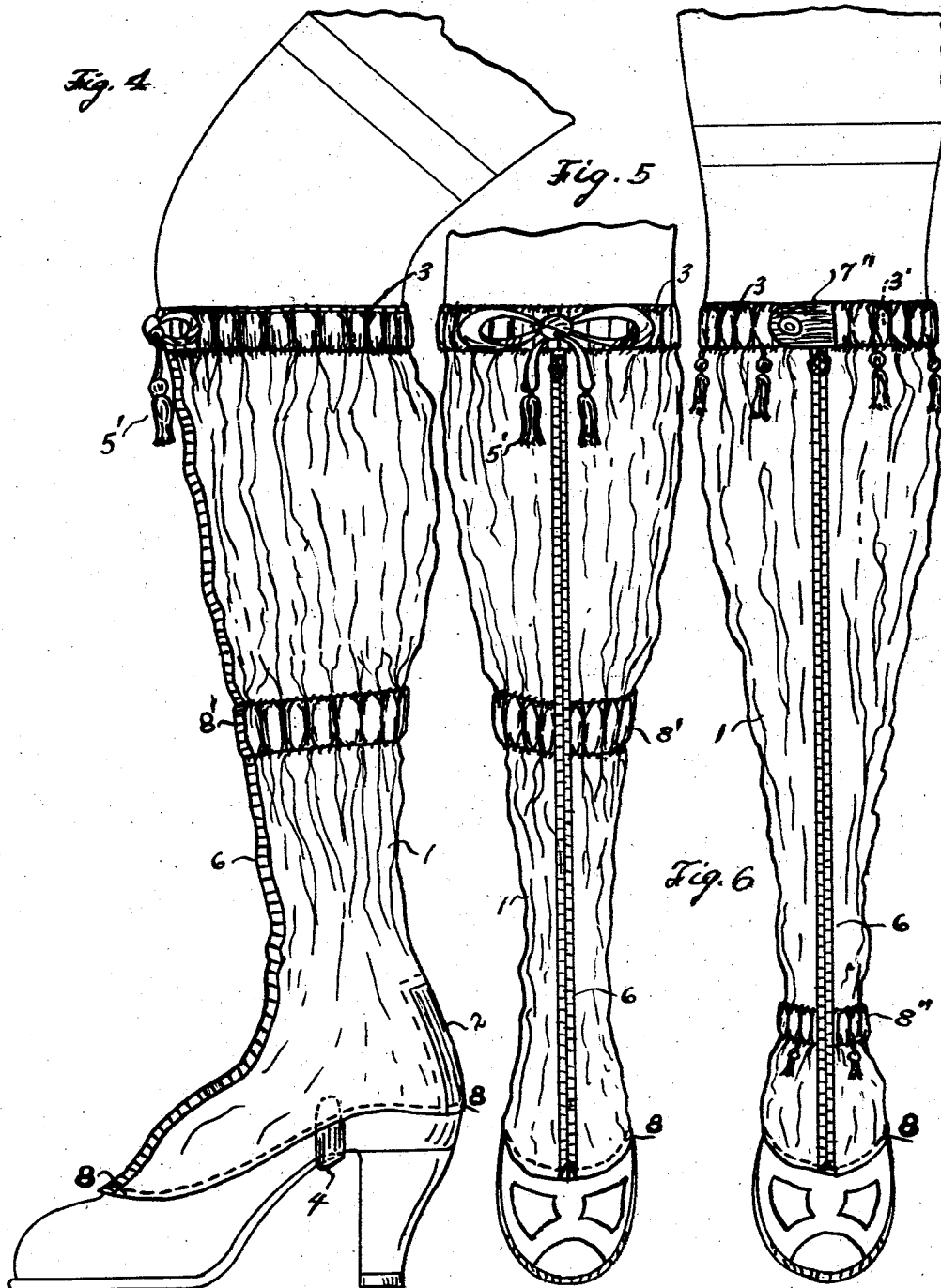
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2 Sheets-Sheet 2



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UNITED STATES PATENT OFFICE

2,406,090

PROTECTING SHIELD

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Application September 15, 1943, Serial No. 502,537

3 Claims. (Cl. 36—2)

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It is an object of this invention to provide a protecting shield for wearing apparel, especially such apparel as is worn in exposed position below a raincoat or overcoat. It is well known that an umbrella cannot protect and shield the lower portions of the person from splashing rain, sleet and mud.

It is also an object of this invention to shield and protect the feet, shoes and the legs and wearing apparel below the knees so that complete protection may be afforded to the lower extremities of the human body and the wearing apparel there-of during stormy or rainy weather.

It is an object of this invention to make the protecting shield of waterproof material and to make it of strong and comparatively inexpensive material so that it may be sold at a low price and may be arranged in compact form as luggage that may be carried in an ordinary garment pocket, especially the pocket of a raincoat or overcoat.

For a more complete and detailed description attention is called to the accompanying drawings

Fig. 1 is an elevation of my protecting shield applied to the leg and foot portion of the wearer.

Fig. 2 is an elevation of one step in applying the device to the lower end of a trousers leg on the wearer.

Fig. 3 is an elevation of a portion of my device in open condition ready to apply to the wearer.

Fig. 4 is a side elevation of a protector shield for ladies' wear.

Fig. 5 is a front elevation of the device worn by a lady.

Fig. 6 is a front elevation of a ladies' protecting shield having ornamental modifications.

The body 1 of the protecting device or shield is shown to be made of transparent water and substantially air-proof material, such as Cellophane or any other strong, light and suitable material. Of course, for use out in the country while hunting or tramping through the countryside other materials may be used, such as oiled fabric, rubberized fabric or light leather. It is merely desirable that a suitable material may be selected for the purpose intended.

The elastic gusset 2 is reinforced vertically as by rods or bars of whalebone or other suitable reinforcing material. The rods or bars are preferably of uniform dimensions and comprise a series of substantially parallel reinforcing means. The reinforcing means may be interwoven with the elastic gusset fabric or otherwise secured to the elastic material. The gusset 2 is secured to the body 1 by stitching or waterproof cementing or both.

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The hollow hem portion 3 may contain a suitable elastic, as indicated at 3', Figs. 1 and 5 and at 7' in Fig. 10, including a fastener 7'' in Figs. 1, 6 and 10, or the hollow hem portion may contain a draw cord and tie string 5', as indicated in Figs. 4 and 5.

The shank strap 4 is preferably elastic and is secured by stitching or waterproof cement or both to the body of the device.

The reinforcing piece 6', Fig. 3, is secured to the body 1 above the gusset 2. The piece 6' carries a supporting loop 7 to receive and support the tie strap 5, Figs. 1 and 3. The ends of the intermediate reinforcing means or strap 5 are provided with separable fasteners 5', such as snap fasteners. The loop retainer 6'' is suitably secured at its ends to the intermediate reinforcing means or strap 5. The loop retainer 6'' passes over the loop 7 and prevents the strap 5 from accidentally slipping out of the loop 7. It is the purpose of intermediate reinforcing means or strap 5 to maintain the trousers leg folded as indicated in Fig. 2. When the protecting shield is applied over the heel of the shoe, Fig. 1, then the trousers leg is folded as indicated in Fig. 2 and the strap 5 fastened together at its ends by the snap fastener 5'. After the strap 5 is secured as indicated then the front of the shield is closed and fastened by the zipper 6 or other suitable fastener (not shown). The strap 5 is preferably made of elastic material.

The small hem 8 includes reinforcing means, such as whipcord, wire, leather, heavy cloth or any other suitably shaped retaining material.

In the disclosure indicated in Figs. 4, 5 and 6 it is to be noted that these protecting shields cover and protect the major portions of long stockings, as clearly indicated.

In Figs. 4 and 5 these stocking protectors are provided in an intermediate portion with an elastic belt or band 8' to aid in maintaining the stocking protector shield properly and comfortably adjusted in position on the leg of the wearer. The band 8' may be secured outside or inside of the body 1. It is preferred that the band be secured on the outside of the body 1 by stitching, waterproof cementing or both.

In Fig. 6 the elastic band 8'' is the same in construction and use as in Figs. 4 and 5, but is secured at the ankle portion of the stocking protecting shield 1. The tassels shown in Figs. 6, 7 and 10 are merely ornamental and may be omitted, if desired.

It is to be noted that in all of the constructions shown the protecting shield 1 has a loose or

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blouse-like fit; therefore, it may be desirable to provide intermediate retainers or bands as 8', Figs. 4 and 5, or the band 8'', Fig. 6.

Although I have disclosed an intermediate circumferentially arranged re-inforcing strap 5, Figs. 1, 2 and 3, and a circumferentially arranged band 8', Figs. 4 and 5, and a like band 8'' in Fig. 6, it is to be noted that the strap and the band constitute generally a sustaining and retaining means.

What I claim is:

1. A protecting tubular shield comprising a body of light loosely fitting material, said shield having reinforcing means at least at its lower end, a reinforcing means arranged intermediate the ends of the shield and secured thereto, one end of said shield defining an upper portion and a lower end defining a lower portion, said lower portion being interrupted by an elastic vertically arranged gusset, said gusset having reinforcing bars secured therein in substantially vertical parallel relation whereby said gusset is reinforced vertically, an elastic shank strap having its ends secured to the lower portion of said shield, separable fasteners on and extending the full length of said shield whereby said shield may be opened and closed along a suitable longitudinal line of said shield.

2. A protecting tubular shield comprising a

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body of light loosely fitting material, said shield having reinforcing means at least at its lower end, a reinforcing means arranged intermediate the ends of the shield and secured thereto, one end of said shield defining a lower portion, said lower portion being interrupted by an elastic vertically arranged gusset, said gusset being reinforced vertically, an elastic shank strap having its ends secured to the lower portion of said shield, separable fasteners on and extending the full length of said shield whereby said shield may be opened and closed along a suitable longitudinal line of said shield, said shield being provided with an ankle portion located above said lower portion and wherein said intermediate reinforcing means is located at the ankle portion.

3. A tubular protecting shield comprising a body of light loosely fitting material, said shield having reinforcing means at least at its lower end, in combination with a strap located circumferentially within the shield and intermediate the ends of said shield, said strap having co-operating separable fasteners on the end portions thereof in still further combination with a supporting loop within said shield and secured thereto, said loop embracing said strap and supporting said strap intermediate its ends within said shield.

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