Jan. 5, 1932. W. J. RUSSELL 1,839,503

WEARING APPAREL

Filed May 16, 1927

Fig. 1.

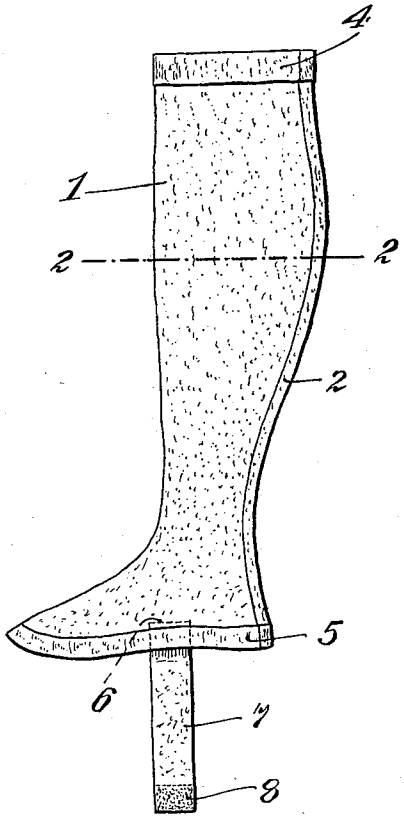


Fig. 3.

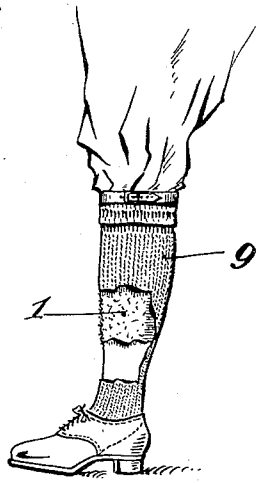
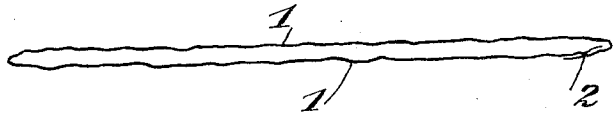


Fig. 2.



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UNITED STATES PATENT OFFICE

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WEARING APPAREL

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The present invention relates to wearing apparel and more particularly to apparel for protection against insects such as mosquitoes and the like.

Mosquitoes and flies are extremely bothersome in many localities during a substantial part of the year. They interfere with both work and play. Various expedients have been adopted, such as the provision of mosquito netting, which drops from the hat about the face. This is objectionable due to the fact that it is cumbersome and the mosquitoes usually find their way through it or under it in some way. Numerous drugs such as citronella have been devised to drive the insects away, and also to heal or soothe the bites. The odor of these drugs to the average individual, is as obnoxious as the bites of the insects.

The inventor has observed that mosquitoes, flies and similar insects will not bite through paper, irrespective of this thickness. The thinnest tissue paper gives perfect protection. Apparently the fibres of ordinary clothing are sufficiently separated so that the sharp, slender bills may be worked between them without difficulty. In this way a mosquito can bite through relatively thick clothing. The fibres of paper are so close that a continuous relatively hard surface is presented which the insects must pierce to bite. This they are unable to do.

The present invention contemplates the provision of a protecting garment of thin paper which is adapted to be worn between the usual outer garments and the skin. In addition to preventing bites the rustling of the paper, while not sufficiently loud to be noticeable to the wearer, is nevertheless sufficient to scare the mosquitoes or other insects from that portion of the body. The outer garment prevents destruction of the paper and permits the paper to be sufficiently thin so that it does not materially prevent access of air to the body. Its character is preferably such that it is adapted to absorb a reasonable amount of perspiration in warm weather.

An object of the present invention is to provide an inexpensive but effective protection against insects such as mosquitoes, flies, and the like.

Another object of the invention is to provide an elastic paper undergarment adapted to conform to the shape of the body and to absorb perspiration therefrom.

Another object of the invention is to provide a paper garment which may be inexpensively manufactured and which may be readily put on or removed from the body.

A further object of the invention is to provide a simple and effective method of protecting the body from insects such as mosquitoes and the like.

Other and further objects of the invention will be obvious upon an understanding of the illustrated embodiment about to be described; and various advantages will occur to one skilled in the art upon employment of the invention in practice.

A preferred embodiment of the invention has been chosen for illustration and description and is shown in the accompanying drawings, wherein

Fig. 1 is a side elevational view of a garment made according to the present invention;

Fig. 2 is an enlarged sectional view along the line 2—2 of Fig. 1; and

Fig. 3 shows a legging on an individual beneath the usual golf stocking.

Referring more particularly to the drawings, there is shown a legging 1 preferably made of very thin paper which is creped to permit stretching, so that a seamed legging may be pulled over the foot without tearing. The irregularities in the paper afford air channels between the paper and the skin. Leggings of this type of paper may be made from strips properly cut and seamed, as shown at 2, with any suitable adhesive; or the leggings may be left unseamed, in which case they may be wrapped about the legs and held in place by the stockings. It will be noted that the garment is folded lengthwise so that the seam is adjacent one crease in the garment. This minimizes the tendency of the adhesive to give way and also improves the appearance of the article.

The upper part of the garment may be

folded upon itself as shown at 4, to render this portion slightly less flexible and to facilitate folding of the upper part of the garment to increase or decrease its length. The lower part of the article may likewise be folded as shown at 5, and is also provided with a strip of paper 7 which may be secured to one side of the legging by adhesive at 6. Any suitable securing means such as adhesive 8 may be applied to the other end of the strip so that it may be readily fastened about the foot of the wearer. In this way the garment is held in place while the stocking 9 is placed over it and the lower edge of the paper is kept below the top of the shoe at all times.

The stocking 9 protects the paper garment against destruction by obstacles or by rain or the like. Mosquitoes and flies are unable to bite through paper; as a matter of fact, the rustling of the paper occasioned by the movements of the wearer scares the insects away from that portion of the body. The character of the paper is such that it does not materially prevent access of air and at the same time absorbs any moisture caused by perspiration. The garments are sufficiently inexpensive to permit the wearer to destroy them and use new ones as often as he chooses.

It will be seen that the present invention provides an inexpensive garment which may be worn under the usual outer garments to protect effectively against insects such as mosquitoes and the like without material inconvenience to the wearer. The garments are comfortable and absorb perspiration and permit ready access of air to the body. Further, the garments are fully protected and capable of withstanding the rough usage to which they may be subjected.

While the above description of the preferred embodiment applies more specifically to leggings it will be understood that the invention is applicable to garments for other portions of the body as well. It is desired therefore, that the above description be taken as illustrative and not in a limiting sense.

Having thus described my invention, I claim:

1. A legging for protection against insects such as mosquitoes and the like, adapted to be worn under a sock, comprising thin paper cut substantially to fit the leg with the free ends secured together, said paper being stretchable to permit the legging to be pulled over the foot without damage and to conform substantially to the leg.

2. A legging for protection against insects such as mosquitoes and the like, adapted to be worn under a stocking, comprising a thin paper cut substantially to the shape of the leg with the free ends secured together, said paper being stretchable to permit the legging to be pulled over the foot without damage and to conform substantially to the leg, the paper at the upper end of the legging being folded downwardly and at the lower end of the legging being folded upwardly, and a strap secured at one end to one side of the lower end of the legging and being adapted to be secured to the other side of the legging.

3. A legging for protection against insects such as mosquitoes and the like, adapted to be worn under a sock, comprising a single layer of thin, tissue paper cut substantially to fit the leg with the free ends secured together, said paper being stretchable to permit the legging to be pulled over the foot without damage and to conform substantially to the leg.

4. A paper garment for protection against insects such as mosquitoes and the like, adapted to be worn under an outer fabric garment, comprising a single layer of thin paper cut substantially to fit the member of the body about which it is to be placed, with the free ends secured together, said paper being stretchable to permit the garment to be pulled over the member of the body without damage thereto and to conform substantially to said member of the body.

5. A legging for protection against the bites of insects such as mosquitoes and the like, adapted to be worn under a sock, comprising a single thickness of thin paper having a hard surface with the ends thereof secured together to form a legging adapted to conform to the shape of the leg to protect against insect bites, said paper being stretchable to permit the legging to be pulled over the foot without damage, and to conform substantially to the leg.

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