No. 890,346. PATENTED JUNE 9. 1908.

C. W. DULLES.

LEGGING.

APPLICATION FILED NOV. 26, 1907.

Fig. 2.

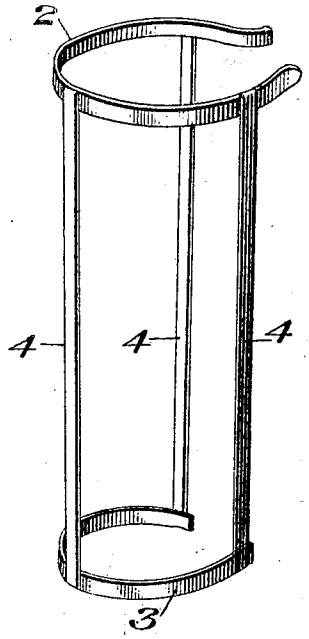


Fig. 1.

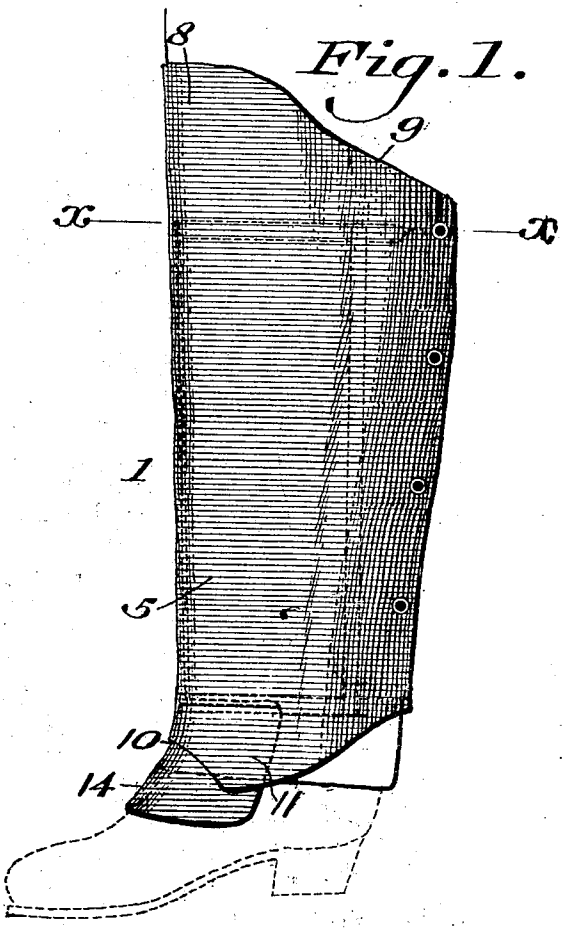


Fig. 4.

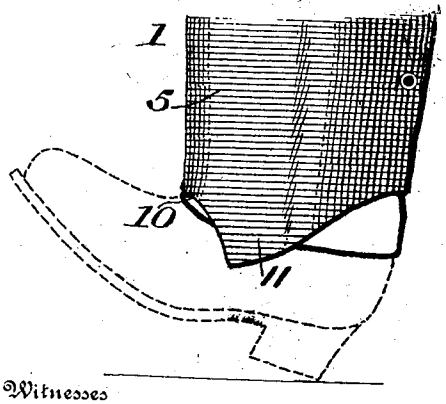
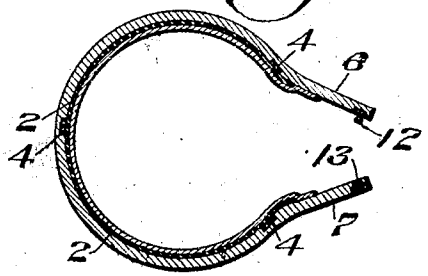


Fig. 3.



Witnesses

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LEGGING.

No. 890,346. Specification of Letters Patent. Patented June 9, 1908.

Application filed November 26, 1907. Serial No. 403,859.

To all whom it may concern:

Be it known that I, CHARLES W. DULLES, a citizen of the United States, residing in the city and county of Philadelphia, State of Pennsylvania, have invented a new and useful Legging, of which the following is a specification.

My invention relates to a new and useful legging which is provided with means for maintaining the same in contact with the leg without material compression and without interference with the muscular action or the circulation of the leg.

It further consists of means for fully protecting the leg without interfering with the free action of the foot.

It further consists of other novel details of construction, all as will be hereinafter fully set forth.

For the purpose of explaining my invention the accompanying illustration represents a satisfactory reduction of the same to practice, but the instrumentalities thereof may be varied and others employed, so it is to be understood that the invention is not limited to the arrangement and organization as shown and described.

Figure 1 represents a side elevation of a legging embodying my invention, showing the foot in dotted lines. Fig. 2 represents a perspective view of the frame of the legging. Fig. 3 represents a sectional view on line *x*—*x*, Fig. 1. Fig. 4 represents an elevation of a portion of a legging showing the foot in a different position from that shown in Fig. 1, and with the gusset omitted.

Similar numerals of reference indicate corresponding parts in the figures.

Referring to the drawings:—1 designates a legging, the frame of which is formed of spring clasps or clips 2 and 3, connected by the light rigid stays or bars 4, which in the present instance are shown as three in number, although any desired or necessary number may be used. It will be noted that the ends of the clips do not come in contact nor close even when the device is not in use. Suitably mounted and connected with the frame is the cover 5 of any suitable material, the same being provided with the flexible flaps 6 and 7 which extend a suitable distance with respect to the frame and which, it will be noted, are adapted to be situated at the back of the leg of the wearer. The upper portion of the legging is provided with a flexible extension 8, the edges of which curve downwardly towards the rear of the legging and the lower part of the legging is provided with the cut away portion 10 forming flexible pieces 11 on each side of the foot.

12 and 13 designate co-acting fastening devices which are preferably connected with the flexible flaps 6 and 7, it being understood that said connections 12 and 13 may be of any desired form. In the present instance they are shown as snap fasteners, it being understood, however, that it is not necessary in every instance to use these devices unless so desired.

The operation of the device will be apparent: By reason of the construction of the clasps or clip and of the connection between the same, the legging is peculiarly adapted for ease of removal and application. In fact this may be done with great rapidity by the user, since the opening of the clasps is at the rear of the legging, so that all that it is necessary to do is to open the same and place around the leg, and by releasing the clasps, the leg will be immediately grasped thereby. It will be noted that the said clasps do not in any instance close completely around the leg, thus preventing material compression of or interference with the muscular action of the leg or the circulation therein. In order to remove the legging it is simply necessary to grasp the same, as for example the extension 8, and by a slight pull the clasps are opened and the legging can be instantly removed. By reason of the rearwardly extending flexible flaps 6 and 7 the leg is sufficiently protected without interference therewith.

By reason of the cut away portion 10 and the downward extensions 11, the legging is particularly adapted for automobile use, since it does not interfere in any way with the action of the foot, which is so essential in the operation of an automobile in the use of the foot upon the various levers, etc. and at the same time the foot will be amply protected by the extensions 11. When desired the flaps 6 and 7 may be securely fastened together by the fastening means 12 and 13, but this is not necessary to hold the legging in position.

If desired, I may provide a flexible shield or gusset 14 closing the cut-away portion 10 of the legging, said shield or gusset being of any desired size or shape and being attached to the legging in any desired manner. It is

preferably attached along its upper edge and falls down a suitable distance over the instep so as to protect the same and prevent wind or air from passing within the legging, it being noted that this shield or gusset does not interfere in any way with the foot action, since the same is of such character as to conform to whatever position the foot assumes.

Having thus described my invention, what I claim as new and desire to secure by Letters Patent, is:—

1. In a device of the character described, a frame formed of clips, rigid stays or braces connecting the same, a cover for said frame, and flexible flaps extending rearwardly beyond the frame, the openings of which latter are situated at the rear.

2. In a device of the character described, a frame formed of clips, rigid stays or braces connecting the same, the ends of said clips at the rear being normally separated, a cover for said frame, flexible flaps extending rearwardly therefrom, and flexible extensions extending downwardly below the lower clip.

3. In a device of the character described, a frame formed of clips, rigid stays or braces connecting the same, the ends of said clips at the rear being normally separated, a cover for said frame, rearwardly extending flexible flaps, and connecting means carried by said flaps.

4. In a device of the character described, a frame formed of clips, the ends of which are normally separated, rigid stays or braces connecting said clips, a cover for said frame, rearwardly extending flaps, a flexible extension beyond the upper clip, and flexible pieces extending below the lower clip.

5. In a device of the character described, a frame formed of clips, rigid connections between said clips, the ends of which are held apart, a cover for said frame, flexible extensions depending below the lower clip, and a flexible gusset extending between said extensions and covering the instep.

6. In a device of the character described, a frame formed of clips, rigid connections between said clips, the ends of which are normally separated, a cover for said frame, flexible extensions depending below the lower clip, and a gusset suitably secured to the legging and extending downwardly between the extensions and covering the instep.

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