March 25, 1924. 1,488,379

I. CHAFFEE

THIGH AND CALF LEGGING

Filed Aug. 4, 1923

Fig. 1.

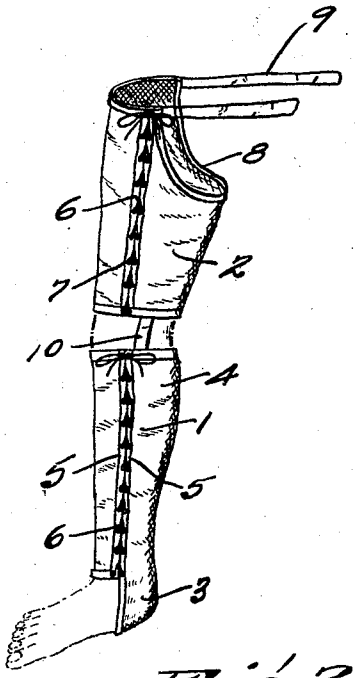
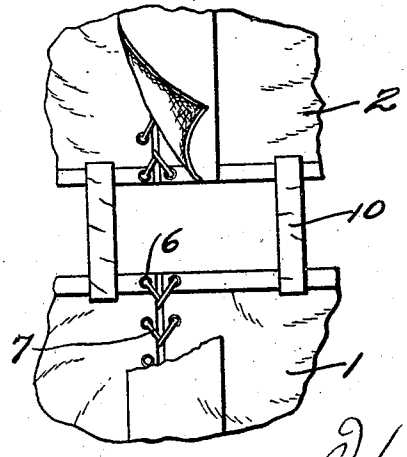


Fig. 2.



Inventor

Ida Chaffee

Patented Mar. 25, 1924. 1,488,379

UNITED STATES PATENT OFFICE.

IDA CHAFFEE, OF MISSOULA, MONTANA.

THIGH AND CALF LEGGING.

Application filed August 4, 1923. Serial No. 655,609.

To all whom it may concern:

Be it known that I, IDA CHAFFEE, a citizen of the United States, residing at Missoula, in the county of Missoula and State of Montana, have invented certain new and useful Improvements in a Thigh and Calf Legging, of which the following is a specification.

This invention relates to surgical legging or stocking and more particularly to a non-elastic legging adapted to be firmly fitted to the thigh and calf of the wearer for the purpose of relieving swollen veins and varicose conditions.

One of the objects of the invention is to provide a legging of this character which will be non-elastic so that swelling of the leg will be prevented thus relieving the patient of the distress caused by the swollen veins and broken arteries.

A further object of the invention is to provide a legging of this character which may be easily applied to the leg so that it will be firmly and tightly held in position and may be readily removed and which will be comfortable while being worn.

Other objects of the invention will appear upon consideration of the following detailed description and accompanying drawing in which:

Figure 1 is a side elevation of the device showing it applied.

Figure 2 is a detailed view on an enlarged scale showing some of the detailed structure of the legging.

Referring to the drawing by numerals the legging consists of two sections 1 and 2, the former being adapted to be fitted to the calf of the leg of the wearer while the section 2 is adapted to be snugly fitted to the thigh of the leg. The section 1 consists of the heel portion 3 fitted around the heel of the wearer and an enlarged calf embracing portion 4 cut and fitted to the calf of the wearer. This calf embracing section consists of a single piece having its longitudinal marginal edges equipped with reenforcing strips 5 which are provided with eyelets 6 to receive a lacing 7 whereby the material may be tightly drawn around the calf of the leg. The material is preferably non-elastic such as heavy canvas, leather, or duck and the upper and lower marginal edges are reenforced by any suitable means to maintain the proper contour so that the section will firmly fit the leg when it is applied.

The thigh embracing section 2 is constructed of the same material and formed in a single piece having its longitudinal marginal edges reenforced by the strip or band 5 being provided with eyelets 6 to receive the lacing 7, whereby the section may be tightly bound around the thigh. The upper end of this section as shown to advantage in Figure 1 is shaped, by cutting away a portion of the material, as shown, to comfortably fit the thigh. This section is also formed of non-elastic material and the upper end is equipped with elastic tape 9 to be strapped and tied around the upper portion of the leg to maintain the section in position.

The thigh section and the calf section 1 and 2 are connected together by a pair of supporting straps 10 to prevent the lower section from slipping on the calf of the wearer.

The device will be found to be especially advantageous in cases of broken arteries and varicose conditions of the leg which are sometimes treated by the application of the elastic stocking and legging. I have found, however, that the non-elastic material is more effective in its treatment as swelling of the leg is impossible due to the tendency of the material to maintain its original shape and form. Thus the arteries and veins are prevented from expanding and greater comfort to the wearer is assured.

Minor changes may be made in the details of construction without departing from the spirit of the invention or the scope of the claim hereunto appended.

What I claim is:

A surgical legging of the character described comprising a calf embracing section and a thigh embracing section formed of non-elastic fabric, the calf embracing section being equipped with a heel portion fitted to the heel of the wearer and formed of a single piece of material having its longitudinal edges reenforced and equipped with eyelets, a lacing adapted to be inserted in the eyelets to firmly draw the section around the calf of the leg of the wearer, the said thigh embracing portion being also constructed of a single piece of material having its marginal edges equipped with eyelets, a lacing for the thigh embracing section to

firmly draw this section around the thigh, means attached to the upper end of the thigh embracing section to be secured around the upper end of the thigh whereby the thigh embracing section may be held in its uppermost position, the said heel embracing portion on the calf section preventing said calf embracing section from being drawn up, and connecting straps joining the top of one section to the lower portion of the other section whereby they will be held in proper relation when both of the sections are laced and applied.

In testimony whereof, I have affixed my signature in the presence of two witnesses.

IDA CHAFFEE.

Witnesses:
M. MAHNSTRON,
H. D. FISHER.