No. 663,224. Patented Dec. 4, 1900.

J. J. GEORGES.

BUNION OR CORN SHIELD.

(Application filed Sept. 8, 1900.)

(No Model.)

Fig. 1.



Fig. 3.

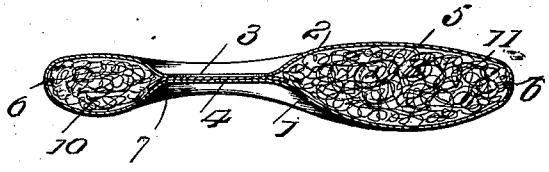


Fig. 2.

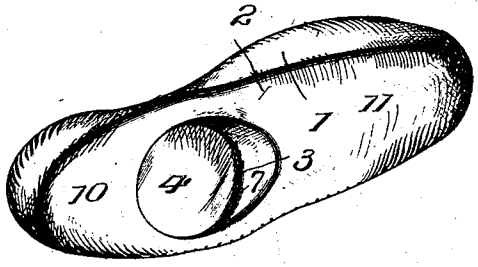
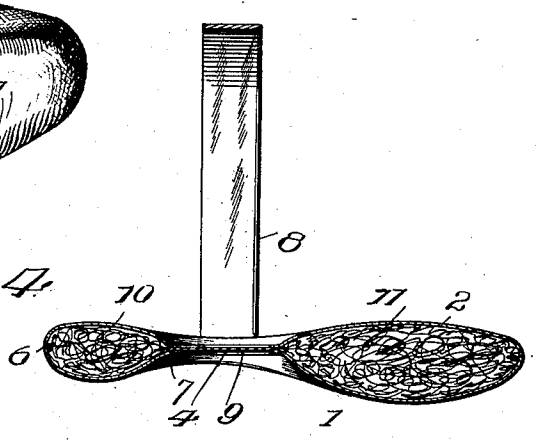


Fig. 4.



Witnesses

Geo. Unrue

Geo. M. Coffenhaver.

Inventor

John J. Georges.

By Thos. E. Robertson Attorney

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

JOHN J. GEORGES, OF WASHINGTON, DISTRICT OF COLUMBIA, ASSIGNOR OF ONE-HALF TO WILLIAM W. GEORGES, OF SAME PLACE.

BUNION OR CORN SHIELD.

SPECIFICATION forming part of Letters Patent No. 663,224, dated December 4, 1900.

Application filed September 8, 1900. Serial No. 29,441. (No model.)

To all whom it may concern:

Be it known that I, JOHN J. GEORGES, a citizen of the United States, residing at Washington, in the District of Columbia, have invented a certain new and useful Improvement in Bunion or Corn Shields, of which the following is a specification, reference being had to the accompanying drawings.

This invention is an improvement on bunion and corn shields of that class in which there is a recess to relieve the pressure of the shoe or boot on the bunion or corn; and the object of the invention is to provide a shield of such a form and construction that it will not only protect the bunion or corn, but will also form a cushion and fill out the otherwise empty space between the foot and the shoe immediately on the side of the bunion.

With this object in view my invention consists in the shield, as hereinafter more particularly described and then definitely claimed at the end hereof.

In the accompanying drawings, which represent the preferable embodiment of my invention, Figure 1 represents a perspective view of a foot with one of my shields applied thereto. Fig. 2 is a perspective view of the shield detached. Fig. 3 is a longitudinal central section, and Fig. 4 is a similar section of a slightly-modified form.

Referring now to the details of the drawings by numerals, 1 represents the outer covering, of soft leather, preferably chamois, although other material may be used, if desired. 2 is the inner covering, formed with an aperture 3 therein, and 4 represents a covering, of oiled silk or other similar material, which fills the opening formed by the aperture 3 in the inner covering 2. Instead of oiled silk it will be obvious that any suitable material—such as gold-beaters' skin, thin rubber, &c.—may be used, the object being to present to the inflamed part of the foot a substance which will be cool and soothing rather than irritating and one which will retain moisture and lubricating influence. Between these inner and outer coverings 1 and 2 I insert a filling of eiderdown or specially-prepared wool 5, the coverings being carefully stitched, as indicated at 6 and 7, to retain this filling in place and to give permanent form to the shield. The line of stitching 7, besides retaining the filling 5 in place, also secures the oiled silk in place. It is evident that instead of sewing the coverings they may be cemented; but I much prefer the stitching.

The shield may be used in several ways, but I prefer the two following: first, to coat the inner covering 2 with an adhesive, so that the shield may be made to adhere to the foot without any straps or bands, and, second, to provide the bands 8, as shown in Fig. 4. This last view also shows an aperture 9 on the outer side of the shield, and this form provides a shield in which only the oiled silk is between the foot and the shoe at the sensitive point, the padded or filled coverings preventing pressure and friction, of course, on the inflamed part.

I wish to call particular attention to the form of the shield as shown in my drawings, as I deem such form to be of the utmost importance. It will be seen that the aperture and oiled-silk covering are almost at one end of the shield—that is, there is only a small pad 10 at one end and a long and extended pad 11 on the other side of the oiled silk. This is for use when it is necessary to treat a foot which is slightly deformed by having an unusually large joint for the great toe, which frequently leaves a hollow part in the rear of said joint. This long and extended pad tends to occupy this "hollow part," and thus greatly relieves the foot, or the inflamed part of the foot, of any pressure and friction.

To those skilled in this art it will be obvious that no detailed description of the use of this shield is needed, for this class of shield has become so much used that its operation and method of use are generally known.

It is manifest that slight modifications in detail may be made without evading my invention, and I intend the following claims to cover such modifications as naturally fall within the spirit of my invention.

What I claim as new is—

As an improved article of manufacture; a bunion or corn shield comprising an inner covering having an aperture therein; an oiled-silk diaphragm located in said aperture; an outer covering; and a soft filling between

said covers; the aforesaid aperture being located near one end of the shield and the padded portion on the opposite side of said aperture forming a long and extended pad arranged to relieve pressure from that portion of the foot covered by the front end of the pad and its silk-covered aperture; substantially as shown and described.

In testimony whereof I affix my signature, in the presence of two witnesses, this 6th day of September, 1900.

JOHN J. GEORGES.

Witnesses:
THOS. E. ROBERTSON,
C. T. SNYDER.