

(No Model.)

H. M. ALLEN.
PAD FOR CORNS, BUNIONS, &c.

No. 592,040.

Patented Oct. 19, 1897.

Fig. 2.

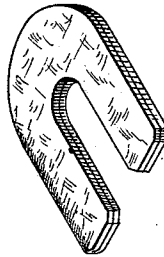
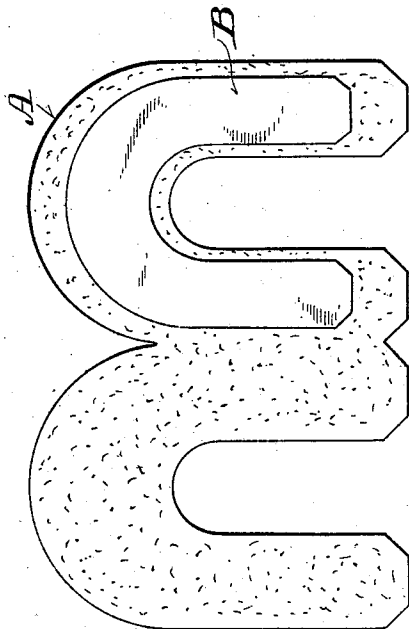


Fig. 1.



Witnesses:
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UNITED STATES PATENT OFFICE.

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PAD FOR CORNS, BUNIONS, &c.

SPECIFICATION forming part of Letters Patent No. 592,040, dated October 19, 1897.

Application filed July 18, 1896. Serial No. 599,610. (No model.)

To all whom it may concern:

Be it known that I, HENRY M. ALLEN, a citizen of the United States, and a resident of Milwaukee, in the county of Milwaukee and State of Wisconsin, have invented certain new and useful Improvements in Protectors for Corns, Bunions, and the Like; and I do hereby declare that the following is a full, clear, and exact description thereof.

My invention relates especially to devices for the protection and comfort of feet afflicted with corns, bunions, enlarged joints, and the like; and it consists in certain peculiarities of construction and combination of parts, as will be fully set forth hereinafter and subsequently claimed.

In the drawings, Figure 1 is a plan view of my improved device in the process of manufacture. Fig. 2 is a perspective view of the completed article.

Referring to the drawings, A, Fig. 1, represents the outer covering, which may be of any suitable soft or yielding material, such as felt, and is preferably originally of a double-U form.

B represents the inner stiffening-plate, of U form, but smaller than the outer covering, and may be of any suitable firm but flexible material, such as tin-plate, it being preferable that said material may be capable of being bent, to adapt it to the part of the foot to which it is to be applied, and also desirable that the part B should retain the shape to which it is bent.

One side of the part A is covered with any suitable adhesive material, such as paste, and the part B laid thereon, as shown in Fig. 1, and then the other half of the part A is brought over, so that the article shall appear as in Fig. 2. It is practicable to form the outer covering of two distinct and separate U-shaped pieces, but ordinarily I prefer to employ one doubled piece, as shown in Fig. 1. The adhesive material firmly unites the two halves of the outer covering, and the stiffening-plate B is thus securely embedded between them.

The use of my device will be apparent from the foregoing description of its construction taken in connection with the accompanying drawings. It is placed upon the part of the foot to be protected, so that the corn, bunion,

or other diseased part will come within the open space between the two arms of the device, and when necessary the device will be bent so that it will effectually embrace and protect the sore or diseased part and better remain in place, especially when the corn, bunion, or other part to be protected comes upon the side or is adjacent to the edge of the foot, or of a toe thereof, and by reason of having one end of the device open, conformity to the shape of the foot can be better obtained thereby, as in many instances the two arms of the device would be differently bent or inclined.

While primarily intended for use with corns and bunions my device is equally well adapted to protect sores, cuts, and bruises from injury resulting from contact therewith or pressure thereon of hard or unyielding substances, and will be found of great service in treating the foot or other part of the body where there are chilblains, callous places, or other unnatural and painful conditions.

While I prefer to unite the two halves of the outer covering A by paste as described, they may be secured together by stitching if desired in any instance, this being immaterial, so long as the stiffening-plate B is embedded in the soft flexible pad formed of the covering A, whether by means of paste, or by stitching or other fastening devices, or both.

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

1. A protector for corns, bunions, enlarged joints and the like, comprising a flat or plane surfaced doubled pad of soft or yielding material, having an opening extending from the center through one end thereof, and a stiffening-plate of firm but readily-bendable non-resilient material interposed between the outer layers of the pad, substantially as set forth.

2. A protector for corns, bunions, enlarged joints, and the like, comprising a flat or plane surfaced U-shaped pad composed of two layers of soft or yielding material, and a flat or plane surfaced metallic non-resilient bendable stiffening-plate of similar shape but less size, interposed between the outer layers of the pad, substantially as set forth.

3. A protector for corns, bunions, enlarged

5 joints and the like, comprising a flat or plane
surfaced doubled pad of soft or yielding ma-
terial, having an opening extending inward
from one edge thereof, and a metallic non-
resilient bendable stiffening-plate of similar
10 form interposed between the said layers of
soft material, whereby there is formed a body
and two arms, the latter being capable of be-
ing bent independently of each other, and re-
taining the form to which they are bent, sub-
stantially as set forth.

4. A protector for corns, bunions, enlarged
joints, and the like, comprising a flat or plane
surfaced U-shaped pad composed of two outer
15 layers of soft or yielding material and a flat
or plane surfaced metallic non-resilient bend-
able stiffening-plate of similar shape but less
size interposed between said outer layers, said

layers and the interposed plate being held to-
gether by adhesive material, but the outer 20
surface of the pad being free from adhesive
material, and the said pad being capable of
being bent from time to time to conform to
the shape of the part of the foot to which it
is to be applied, and to retain the shape, and 25
its place thereon, free from union with the
foot or foot-covering of the wearer, substan-
tially as set forth.

In testimony that I claim the foregoing I
have hereunto set my hand, at Milwaukee, in 30
the county of Milwaukee and State of Wis-
consin, in the presence of two witnesses.

HENRY M. ALLEN.

Witnesses:

HAROLD G. UNDERWOOD,
B. C. ROLOFF.