

P. H. FRANZ.
ORNAMENTED SHOE.
APPLICATION FILED JAN. 22, 1912.

1,035,567.

Patented Aug. 13, 1912.

Fig. 1.

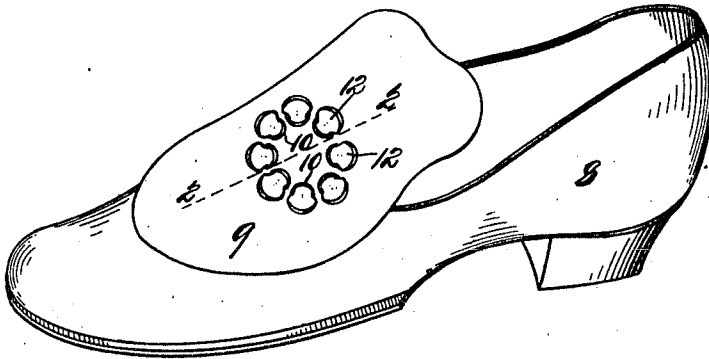


Fig. 2.

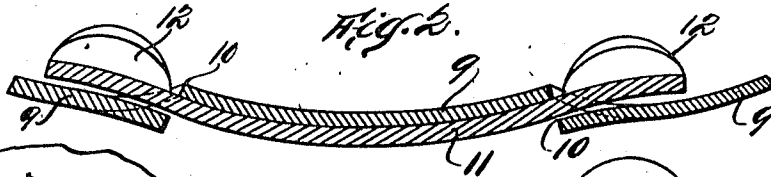


Fig. 3.

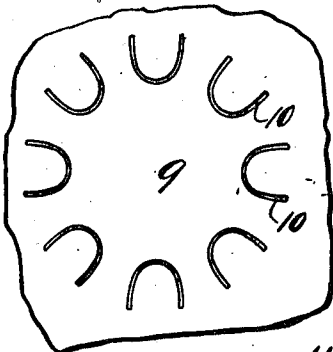


Fig. 4.

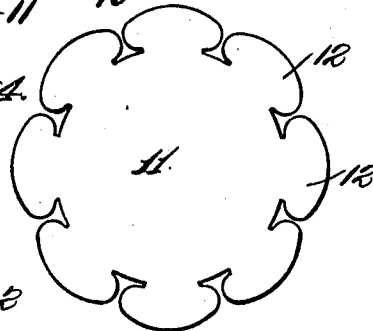


Fig. 5.

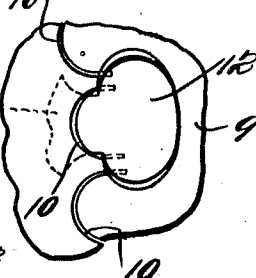
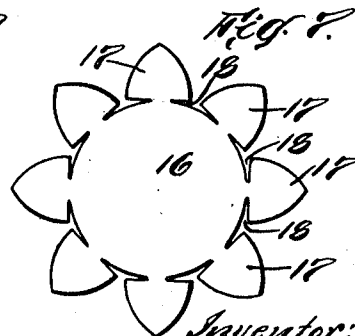
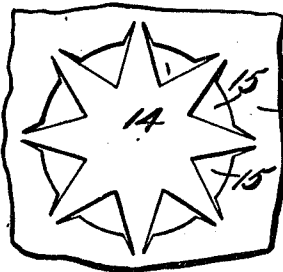


Fig. 6.



Witnesses:
C. A. Jarvis
George H. Meadows.

Inventor:
Paul H. Franz
Edmunds & Beck
attorneys

UNITED STATES PATENT OFFICE.

PAUL H. FRANZ, OF DOLGEVILLE, NEW YORK, ASSIGNOR TO DANIEL GREEN FELT SHOE COMPANY, OF BOSTON, MASSACHUSETTS, A CORPORATION OF MASSACHUSETTS.

ORNAMENTED SHOE.

1,035,567.

Specification of Letters Patent.

Patented Aug. 13, 1912.

Application filed January 22, 1912. Serial No. 672,543.

To all whom it may concern:

Be it known that I, PAUL H. FRANZ, a citizen of the United States, and a resident of Dolgeville, in the county of Herkimer and State of New York, have invented certain new and useful Improvements in Ornamented Shoes, of which the following is a specification, reference being had to the accompanying drawings.

My invention relates to improvements in that class of shoes or slippers constructed from felt or other pliable material and adapted particularly for house wear, such as are shown in the W. R. Green Patent, No. 894,733, of July 28, 1908, or my improvements may also be employed on such shoes or slippers of the particular style of construction known to the trade as "Wigwam" slippers, such as are shown in the Daniel Dudley Patent, No. 391,332, of October 16, 1888, but my improvements may be applied in the construction of many styles of shoes or slippers where it is desired that the vamp or other part of the upper shall receive some ornament or decoration of any particular design or configuration.

The object of my invention, among other things, is to easily, yet firmly, secure such ornament, of any desired shape or design, to the upper, and particularly to the vamp, without the use of any stitching, staples or fasteners of any kind, which would interfere with, or prevent, the natural shrinking, stretching or shaping of the upper and ornament to the last when the shoe or slipper itself is to be shaped and formed to the last to secure for it its permanent form.

As is well known, shoes or slippers made with felt uppers or any other shrinkable material, and lasted wet on the last, shrink to conform to such last, and any ornament that is sewed or held upon the upper by staples or other fasteners tends to prevent the natural shrinking and forming, because such stitches break if the strain becomes too great, or the ornament itself is prevented from shrinking inasmuch as in the case of stitching the cotton or linen threads will not shrink as does the felt or other shrinkable material of which the shoe or slipper is constructed.

My invention therefore consists in such ornamented shoe having the characteristics set forth, such invention being more particu-

larly described in this specification, and then definitely set forth in the claims, reference being also had to the accompanying drawings, forming a part of this specification.

Referring to the drawings, Figure 1 is a perspective view of a shoe or slipper having one form of my improved ornament attached to the vamp of such slipper; Fig. 2 is a cross-sectional view, enlarged, taken on the line 2—2 of Fig. 1; Fig. 3 is a detail plan view of that part of the upper to which the ornament is to be affixed, showing the cuts in such upper to hold the ornament; Fig. 4 is a plan view of such ornament as is to be affixed to the felt vamp or upper when united therewith as is shown in Fig. 3; Fig. 5 is an enlarged view, partly in section, showing the method of inserting the tongues of the ornament through the cuts in the vamp; Fig. 6 is a modified form of the vamp or upper, similar to Fig. 3, having cuts therein adapted for a different style of ornament; Fig. 7 is a top plan view, similar to Fig. 4, of the ornament adapted to be united with the form of vamp or upper shown in Fig. 6.

Similar numerals refer to similar parts throughout the several views.

8 is the shoe or slipper having vamp 9 secured to the upper in the usual form. The vamp 9, referring to Fig. 3, has semi-circular cuts or slashes made therein, designated by 10, radially disposed from a common center and pointing outward, as shown in Fig. 3, cut in such vamp by any of the usual means.

Referring to Fig. 4, 11 is an integral piece of felt or other shrinkable material having radially disposed tongues 12, corresponding in number to the number of cuts 10 in Fig. 3, which tongues are adapted to be inserted through the cuts or gashes 10, as shown in Fig. 2, and to be afterward expanded and held within such cuts as shown in Fig. 5. When all the tongues have been inserted through the felt in the manner shown in Fig. 5, the ornament will have the appearance shown in perspective in Fig. 1, and will be securely and firmly affixed to such vamp or upper, so as to be a part of the shoe, which is adapted to shrink and conform to the last without injuring either the vamp itself or the ornament.

Referring to Fig. 6, 13 represents the vamp having integral therewith the star-

shaped piece 14. 15 represents cuts from which the material is removed between the points of the star-shaped piece 14.

Referring to Fig. 7, 16 is the ornament having the V-shaped projections of like number with the cuts 15, which are adapted to be inserted through the cuts 15 and securely fastened to the vamp or upper when such projections are inserted and expanded so that the broad ends thereof 18 shall be held transversely by the points of the star 14.

It will be noted that in both forms of ornament the projecting part or parts of such ornament to be inserted in the cuts of the vamp or upper, as is desired, are larger than such cuts through which they are inserted, thereby causing such parts to interlock firmly and to become a part of the shoe or slipper.

It is obvious that ornaments of various designs and configurations may be employed with correspondingly varied cuts and projections without departing from my invention, but I have deemed it unnecessary to illustrate more than the two forms here shown, inasmuch as it will readily occur to one skilled in the art how such other designs or ornaments may be securely fastened to the vamp or upper.

My invention is preferably practised before the shoe or slipper is wetted before being placed upon the last to be shrunk and conformed to such last, though I do not wish to limit myself to the application of my improvement at this stage in the construction of such shoes or slippers, for such ornaments as I have here shown and described may be secured and fastened to the vamp or upper of shoes made of such shrinkable material at any stage in their construction.

It is obvious that my invention may also be employed with shoes or slippers made of non-shrinkable material with resulting advantages, or that two or more properly cut pieces of felt may be united and attached to each other to form such ornament by the methods hereinbefore described and thereafter may be attached to the vamp or upper by means of staples, stitching or other securing means. It is also obvious that by employing the methods which I have described, whereby the upper itself may form a part of the ornament, a saving in the felt or other material from which the slippers are made is accomplished, which enables such ornaments to be cheaply and readily inserted, coupled with a degree of elasticity in their union with the upper or vamp which

renders the shoe or slipper exceedingly comfortable across the instep of the wearer, without in any way destroying the shape of the shoe or slipper or weakening it in any of its parts.

One method of inserting the ornament in my improved shoe is as follows:—The vamp or upper is cut in the form shown in Fig. 3, so as to have the semi-circular cuts 10 disposed about a common center as shown in this figure, the shoe being wrong side out. The ornament, such as is shown in Fig. 4, provided with projections 12, is then placed over the vamp 9 and each one of the projections 12 is bent over on itself and inserted through its corresponding cut 10, as is shown in Fig. 5, after which the projections expand and assume a substantially horizontal position and are interlocked in their respective cuts 10. When this is accomplished the ornament will have the appearance shown in perspective in Fig. 1 and the layers of material will have the general configurations and position as shown in cross-section in Fig. 2.

It will be understood that, in general practice, the ornaments to be inserted and interlocked in practising my invention may be of different colors from the vamp or upper of the shoe or slipper proper, so as to heighten the decorative effect.

What I claim as new and desire to secure by Letters Patent is the following, viz:—

1. In a shoe, the combination with an upper having suitably arranged slits therein, of a piece arranged inside said upper, said piece having interlocking tongues projecting through said slits to decorate the shoe, whereby said piece is attached to said upper.

2. In a shoe, the combination with an upper composed of felt or other shrinkable material having suitably arranged slits, of a piece arranged inside said upper, said piece having interlocking tongues projecting through said slits to decorate the shoe, whereby said piece is attached to said upper.

3. In a shoe, the combination with an upper composed of felt or other shrinkable material having suitably arranged slits, of a decorative piece of similar material arranged inside said upper and having interlocking tongues projecting through said slits, whereby said upper presents an ornamental appearance.

PAUL H. FRANZ.

Witnesses:

J. A. GREEN,
J. W. Gow.