

G. GARDNER.
Under-Shoe or Slipper.

No. 212,370.

Patented Feb. 18, 1879.

Fig. 1.

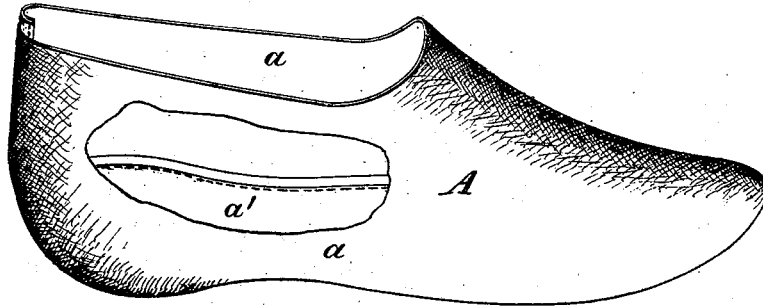


Fig. 2.

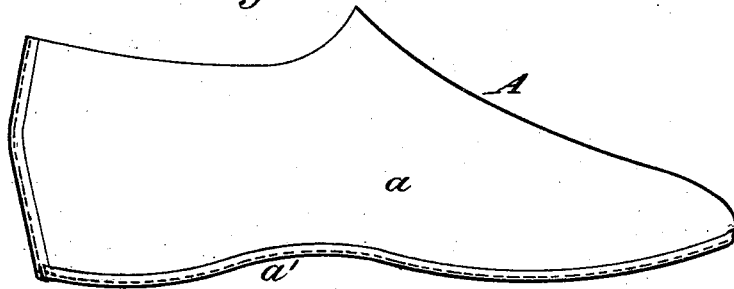
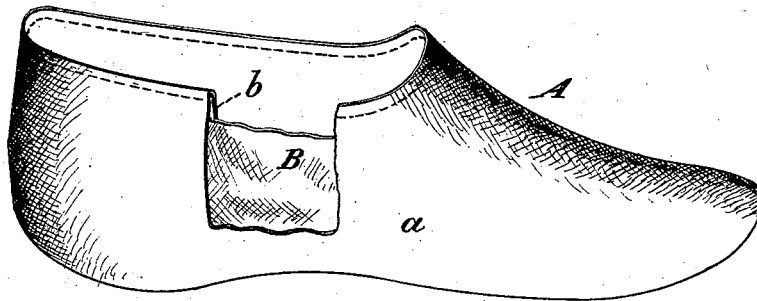


Fig. 3.



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IMPROVEMENT IN UNDERSHOES OR SLIPPERS.

Specification forming part of Letters Patent No. **212,370**, dated February 18, 1879; application filed January 15, 1879.

To all whom it may concern:

Be it known that I, GEORGE GARDNER, of New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Undershoes or Slippers; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification, and in which—

Figure 1 is a perspective view of my improvement in foot-wear, partly broken away. Fig. 2 is a sectional view thereof, and Fig. 3 is a perspective view of a modification.

The same part in the several figures is denoted by the same letter.

My invention appertains to certain improvements in foot-wear adapted to be worn under the boot or shoe; and it consists of an envelope of textile or other suitable material having an intermediate septum or lining of paper, or its equivalent; secondly, of the upper and sole, one or both, of a double thickness of textile material, forming an intermediate air-space provided with a septum of paper or other suitable material, the upper and sole being of the same or dissimilar material, adapted to be worn under the boot or shoe; and, thirdly, of an envelope of textile material having an intermediate space provided with a septum or lining of paper, substantially as hereinafter more fully described and claimed.

In the accompanying drawings, A refers to an undershoe made entirely of a light textile material—paper-muslin or similar material. It is made of two pieces, the upper *a* sewed together at the heel and to the bottom or sole *a'*. This construction lessens the number of parts, and consequently saves time and labor in the making of the shoe or article.

Another form of making my shoe is to double the thickness of the material, so as to provide a space, *b*, within which is interposed or placed an intermediate filling or lining of paper, B, as exhibited in Fig. 3. This form of shoe pro-

duces a warm, comfortable, and inexpensive covering for the foot.

In lieu of the lining or filling of paper, any other material which is a non-conductor of heat may be used.

Among some of the advantages incidental to my invention is, that it serves as a substitute for overshoes, which is not only desirable for walking, but also for riding in winter. It can, however, be used in connection with overshoes in very cold weather, if desired. Its cost is so trifling that it can be made for less than the cost of washing an article of wearing apparel, which avoids any trouble arising from that source.

In the manufacture of my article of foot-wear, I do not wish to confine myself to any particular kind of textile material or non-conductor; neither do I restrict myself to any particular method in making the same, but reserve the right to use any kind of non-conducting material or thin textile material I may desire, and any process by which the desired result may be attained in the best and cheapest manner.

In lieu of the paper as a lining, any other light material that will conform to the foot and act as a good non-conductor can be employed. For this purpose oil-silk might be used.

I do not confine myself to the particular arrangement of the material, as, instead of placing the paper inside and the textile material outside, this arrangement may be reversed.

Having thus fully described my invention, I claim and desire to secure by Letters Patent—

1. A slipper adapted to be worn under the boot or shoe, composed of an envelope of textile or other suitable material and an intermediate septum or lining of paper, or its equivalent, substantially as and for the purpose specified.

2. An article of foot-wear consisting of the upper and sole, one or both, of a double thickness of textile material, forming an intermediate air-space provided with a septum of paper or other suitable material, the upper and sole being of the same or dissimilar material,

adapted to be worn under the boot or shoe, substantially as and for the purpose specified.

3. As an improved article of manufacture, an article of foot-wear adapted to be worn under the boot or shoe, consisting of an envelope of textile material having an intermediate space provided with a septum or lining of paper, substantially as shown and described.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

GEO. GARDNER.

Witnesses:

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