

J. ALTSCHUL.
 ARCH AND ANKLE SUPPORTING SHOE.
 APPLICATION FILED FEB. 13, 1915.

1,210,255.

Patented Dec. 26, 1916.

Fig. 1.

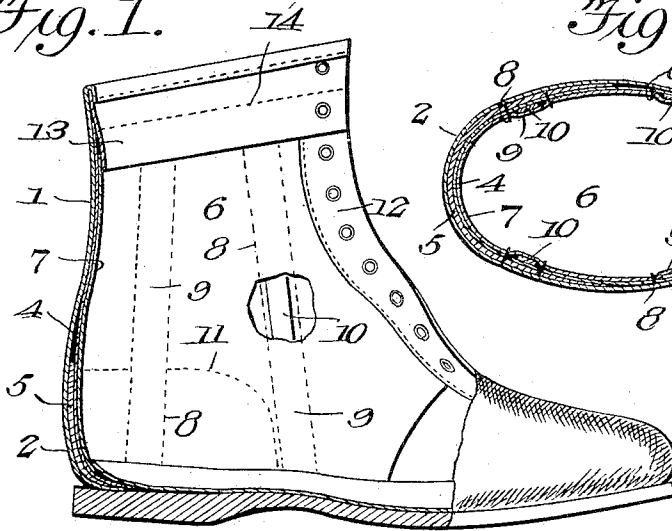


Fig. 2.

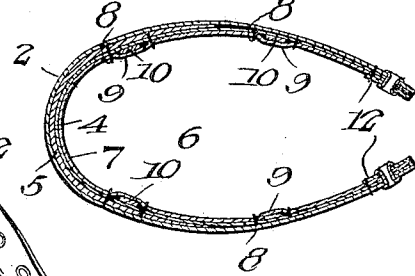
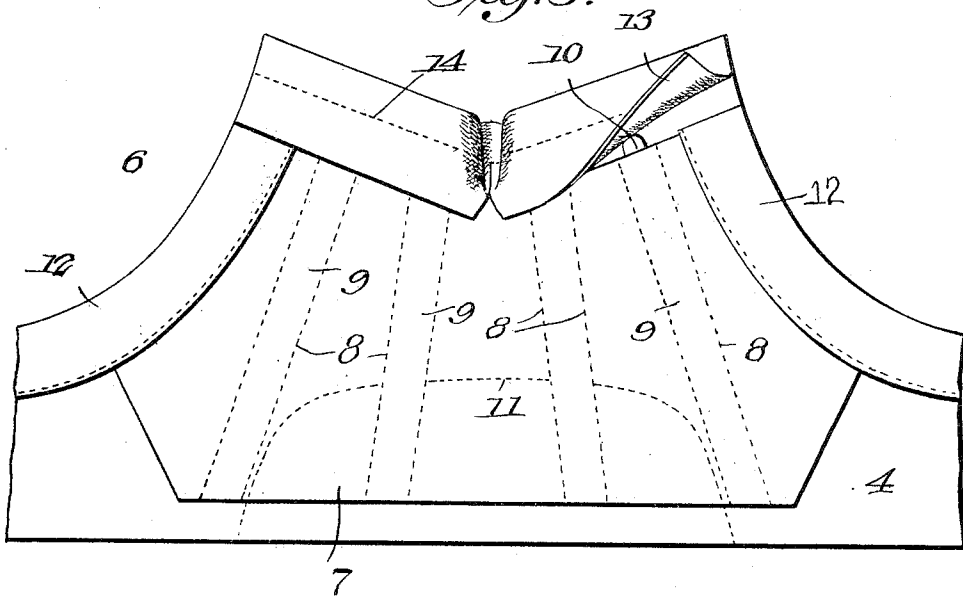


Fig. 3.



Witnesses

Hugh H. Ott
 R. M. Smith.

Inventor

Julius Altschul

By Victor J. Evans

Attorney

UNITED STATES PATENT OFFICE.

JULIUS ALTSCHUL, OF BROOKLYN, NEW YORK.

ARCH AND ANKLE SUPPORTING SHOE.

1,210,255.

Specification of Letters Patent. Patented Dec. 26, 1916.

Application filed February 13, 1915. Serial No. 2,004.

To all whom it may concern:

Be it known that I, JULIUS ALTSCHUL, a citizen of the United States, residing at Brooklyn, in the county of Kings and State of New York, have invented new and useful Improvements in Arch and Ankle Supporting Shoes, of which the following is a specification.

This invention relates to shoes and has for its object to provide a novel construction and arrangement of shoe corset for supporting the arch and ankle and which is associated in a novel manner with the body and lining of the shoe whereby the corset as a whole is made stationary, giving comfort to the wearer, making the shoe easy in use, and effecting a saving in labor and material whereby the complete shoe may be placed on the market at a lower price than shoes of a similar character.

A further object of the invention is to so construct and arrange the corset in connection with the remainder of the shoe that the stays may be easily removed whenever desirable either for renewal or for replacement by stays of different stiffness or if desired the stays may be permanently removed after the muscles of the foot have become sufficiently strengthened to be self-supporting.

A further object of the invention is to so arrange the corset and combine the same with the upper that the forward portions of the corset may be secured to the body and lining of the shoe by means of the usual eyelet strap in connection with the eyelets inserted therethrough, thereby avoiding any rubbing and discomfort to the wearer.

With the above and other objects in view, the invention consists in the novel construction, combination and arrangement of parts, as herein described, illustrated and claimed.

In the accompanying drawings:—Figure 1 is a vertical longitudinal section through a shoe embodying the present invention. Fig. 2 is a horizontal section taken through the counter and upper. Fig. 3 is an inside face view of the counter and rear portion of the upper, showing the lining and the relation of the corset thereto, showing also the eyelet straps and the protecting strip or flap, a portion of the latter being shown lifted to illustrate the manner of inserting and removing the stays.

Referring to the drawings 1 designates the upper, 2 the counter and 3 the sole of the shoe.

4 designates the lining to the outer side of which is stitched the counter stiffener 5.

Secured to the inside surface of the lining 4 is a corset designated generally by 6 and comprising a sheet or section 7 of suitable material such as leather, the same being provided with parallel groups of stitches 8 thereby forming pockets 9 in which are placed stays 10 of steel, whale bone or any suitable material according to the stiffness desired. The stitches along the lines 8 extend through the lining and the pocket forming section 7 so that the body of the corset is thereby secured to the lining. In the preferred construction, the line of stitching indicated at 11 which secures the counter stiffener 5 to the lining also extends through the pocket forming section 7 and further secures the corset as a whole to the lining.

The eyelet straps 12 are stitched to both the lining 4 and the body section 7 of the corset and said straps 12 are also secured along their opposite or outer edges to the body of the upper 1. When the eyelets 13 are inserted through the upper 1, the lining 4, and the straps 12, the lateral edges of the corset are thus united to the body of the shoe and all tendency of the corset to creep or shift its position is overcome. The pockets 9 are left open at their opposite extremities, the upper ends being left open for the purpose of enabling the stays 10 to be inserted and removed as found desirable. The upper extremities of the pockets and the corresponding extremities of the stays are covered and protected by a flap or strip 13 of leather or other suitable material stitched along the line 14 to the lining 4. The stays may be inserted and removed by simply lifting the lower edge of the flap 13 as shown in Fig. 3. This enables stays of any degree of stiffness to be inserted in the pockets and to be removed therefrom when they are not needed for further use. The corset is not directly fastened to the sole of the shoe but is held in fixed relation thereto by securing the upper in the usual manner to the sole, the corset as a whole bearing a fixed relation to the upper and to the lining which prevents any possibility of the shifting of the corset.

The device hereinabove described forms a practical, cheap and efficient arch and ankle support in which the stays are easily removable for the purpose specified and by reason of the manner in which the corset is secured

in place and stitched to the lining of the shoe, said corset is made perfectly stationary thereby insuring comfort to the wearer.

Furthermore, the construction as above described effects a saving in labor and material making the shoe available to the consumer at a lower price than shoes of a similar character. By securing the corset to the eyelet straps in the manner set forth, all tendency of the corset to shift and rub against the foot and thereby create discomfort to the wearer is entirely avoided.

It will be noted that the corset proper is so incorporated in the rear part of the shoe that it is neither nailed, stitched or sewed to the body of the shoe proper nor to the sole of the shoe. This enables the shoe to be economically produced, saving an additional operation in the manufacture of the shoe where the corset and shoe are made in accordance with the foregoing description, the

operation being carried out in the same manner in which a shoe is now produced without a corset.

What I claim is:—

As an article of manufacture a corset for shoes, comprising a lining sheet, a flexible body sheet secured to the lining sheet by rows of stitches forming stay-receiving pockets, stays inserted in said pockets, and eyelet straps folded around the edges of said lining sheet and flexible body and stitched thereto, the whole being formed separately from the shoe and being adapted to be secured to the shoe by the usual eyelets.

In testimony whereof I affix my signature in presence of two witnesses.

JULIUS ALTSCHUL.

Witnesses:

ISRAEL H. PERSKIN,
PAUL C. BOHRENBURG.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D C."