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PATENTED JULY 18, 1905.

T. HARDING & B. BIEHL.

SHOE DISPLAY STAND.

APPLICATION FILED JAN. 6, 1905.

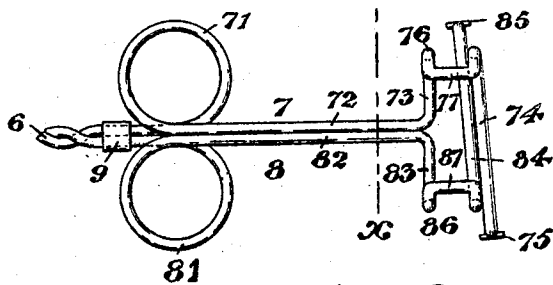


Fig. 2.

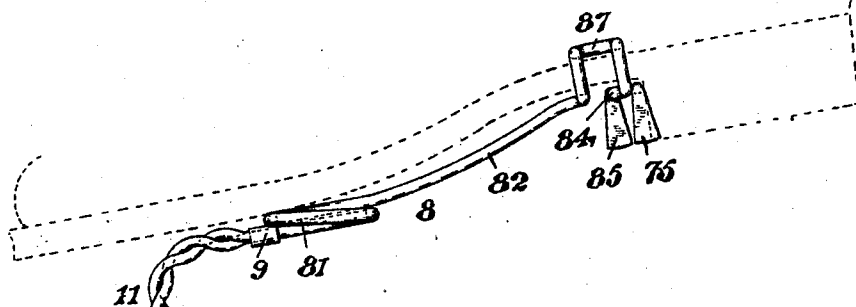


Fig. 1.

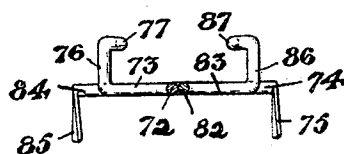


Fig. 3.

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SHOE-DISPLAY STAND.

SPECIFICATION forming part of Letters Patent No. 795,117, dated July 18, 1905.

Application filed January 6, 1905. Serial No. 239,880.

To all whom it may concern:

Be it known that we, THOMAS HARDING and BERNARD BIEHL, citizens of the United States, residing at Newark, in the county of Essex and State of New Jersey, have invented certain new and useful Improvements in Shoe-Display Stands; and we do hereby declare the following to be a full, clear, and exact description of the invention, such as 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 numerals of reference marked thereon, which form a part of this specification.

The objects of this invention are to provide a stand or support for displaying shoes in store-windows and the like; to obtain such a display-stand which will resiliently clamp the shank of the shoe, and thus enable the shoe to be mounted and taken off the stand with ease and facility and without marring the shoe; to at the same time enable the shoe to be held firmly, so that it will not be easily dislodged or separated from the stand; to secure such a stand which combines with the clamping means a rest for the sole of the shoe, and to obtain a construction in which the springs of the clamping-jaws form such a rest for the sole of the shoe; to thus conceal to a large extent the said clamping means when the shoe is in position; to enable the clamping means to be operated freely from beneath the shoe without being impeded thereby; to obtain a neat and pleasing appearance, an inexpensive and durable construction, and to secure other advantages and results, some of which may be hereinafter referred to in connection with the description of the working parts.

The invention consists in the improved shoe-display stand and in the arrangements and combinations of parts of the same, all substantially as will be hereinafter set forth, and finally embraced in the clauses of the claim.

Referring to the accompanying drawings, in which like numerals of reference indicate corresponding parts in each of the several figures, Figure 1 is a side elevation of our improved display-stand with a shoe (indicated in dotted outline) mounted thereon, the base being partly in section. Fig. 2 is a plan of the

clamping-jaws, which also form a rest for the shoe-sole; and Fig. 3 is a section taken at line *x*, Fig. 2, illustrating the jaws of the clamping members in detail end elevation.

In said drawings, 2 indicates a base-piece adapted to stand upon the floor or other surface and support the display-stand, together with the shoe mounted thereon. Said base-piece 2 may be of any suitable shape and is made heavy enough to secure stability. The construction which we prefer and have shown in the drawings is a cast-iron body-piece 3, which is covered at its upper or exposed surface with a sheet-metal covering 4 of any suitable material which will present a polished or bright surface, the edges of said sheet-metal covering being turned under the body-piece, as at 5. Said base-piece 2 is at its upper surface centrally perforated to receive the main stem 6 of the support, said stem being preferably threaded at its lower end and the base-piece correspondingly tapped out, so that the parts are screwed together. Obviously, however, any other suitable connection may be made here.

From the upper part of the stem 6 project two clamping members 7 8, each of which is formed of a single piece of resilient wire, their bases being held together and to the stem by any suitable means, as by a band 9. Outside said band 9 each clamping member is given a single coil 71 (or 81) in substantially horizontal plane to form a rest for the sole of the shoe and is then carried forwardly and upwardly in its original direction, as at 72, (or 82,) so that at this point the clamping members normally lie close together, as shown in Figs. 1 and 3 more particularly.

At the ends of the straight portions 72 82 each clamping member is bent outwardly away from the other, as at 73, (83,) and then returned and brought inward again, as at 74, (84,) substantially parallel to the outwardly-turned portion 73, (or 83,) but at a little distance forward therefrom, said re-turned end 74 (or 84) being extended past the opposite clamping member and turned downward to form a finger-piece 75, (or 85.) The doubled or U-shaped end 76 (or 86) of each outward extension thus formed is furthermore bent upward

at right angles and then inward again at right angles, so that the two members have opposite facing jaws 77 87, adapted to grip the edges of the sole on opposite sides of the shank of the shoe, said shank resting upon the inner portions 73 74 83 84 of the said extensions 76 86 and the sole of the shoe extending downward along the inclined portions 72 82 and upon the coils 71 81.

10 In mounting a shoe upon the stand it will be understood that the finger-pieces 75 85 are pressed together to separate the jaws 77 87 and enable the shoe to be set in place from above. Then upon releasing the finger-pieces 15 said clamping members automatically grip the shoe. It will be noted that said finger-pieces 75 85 project downward below the shoe, and hence access to them and their manipulation are not impeded. Furthermore, it 20 will be noted that the clamping members 7 8, as well as grasping the shoe by the shank, also afford a broad and stable rest for the sole or forward portion of the shoe, as shown in outline in Fig. 1.

25 The stem 6 may be of any suitable and well-known construction or shape, although we prefer to form it by continuing the wires of which the two clamping members 7 8 are formed beyond the band 9 and twisting them 30 together, as shown in the drawings, to form a convenient and at the same time ornamental stem. We have also shown this stem bent laterally, as at 10, and then re-turned, as at 11, to hold the clamping members and shoe 35 grasped thereby centrally above the base 2, as will be understood by reference to Fig. 1.

Having thus described the invention, what we claim as new is—

1. The improved shoe-display stand, comprising a base-piece adapted to stand upon the floor, a main stem extending up from said base-piece, and clamping members extending

forwardly and upwardly at an inclination, said members being each coiled to form a rest for the sole of the shoe and near their upper 45 ends forming jaws to clamp the edges of the sole, the extremities of the members forming finger extensions adapted to be pressed to release the clamping-jaws.

2. In a shoe-display stand, the combination 50 of resilient clamping members, normally lying adjacent to each other, said members having at their outer ends opposite jaws, extensions reaching from each jaw past the other one and downwardly-extending finger-pieces 55 at the end of each extension.

3. In a shoe-display stand, the combination of resilient clamping members held firmly at one end and having grasping-jaws at the other end, portions of said members being separated 60 intermediate of said ends to form a rest, and other portions being extended from the jaws oppositely past each other and provided with finger-pieces.

4. In a shoe-display stand, a combined rest 65 and clamp comprising opposite members of resilient wire held firmly at one end and being free at the other end, said members having near their fixed ends horizontally-coiled portions and at their free ends doubled or U- 70 shaped portions extending outwardly apart, the closed ends of said doubled or U-shaped portions being bent upward and inward to form clamping-jaws and the forward arms being extended past each other and provided 75 with downwardly-projecting finger-pieces.

In testimony that we claim the foregoing we have hereunto set our hands this 22d day of December, 1904.

THOMAS HARDING.
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Witnesses:

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