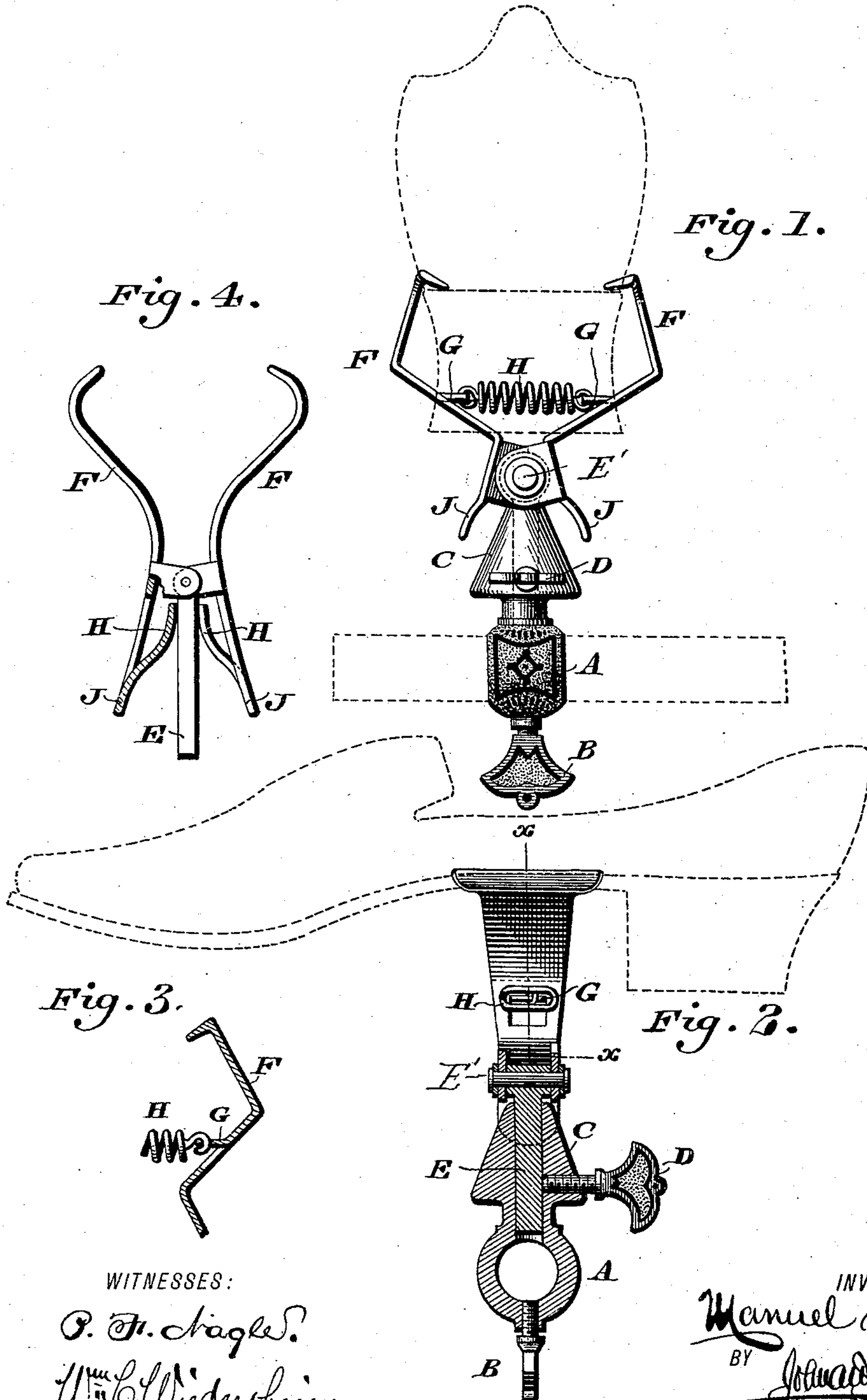


(No Model.)

M. S. MELZER.
SHOE REST.

No. 490,915.

Patented Jan. 31, 1893.



WITNESSES:

P. H. Chagles.
W. C. Wiedersheim.

INVENTOR
Manuel S. Melzer,
BY
John A. Jiedersheim,
ATTORNEY.

UNITED STATES PATENT OFFICE.

MANUEL S. MELZER, OF PHILADELPHIA, PENNSYLVANIA.

SHOE-REST.

SPECIFICATION forming part of Letters Patent No. 490,915, dated January 31, 1893.

Application filed April 29, 1892. Serial No. 431,125. (No model.)

To all whom it may concern:

Be it known that I, MANUEL S. MELZER, a citizen of the United States, residing in the city and county of Philadelphia, State of Pennsylvania, have invented a new and useful Improvement in Shoe-Rests, which improvement is fully set forth in the following specification and accompanying drawings.

My invention consists of a rest or device for supporting and exhibiting a shoe &c., the same being self-closing and adapted to be adjusted as to the degree of opening.

Figure 1 represents a side elevation of a rest embodying my invention. Fig. 2 represents a vertical section thereof. Fig. 3 represents a section of a portion on line *x, x*, Fig. 2. Fig. 4 represents a vertical section of a modification.

Similar letters of reference indicate corresponding parts in the several figures.

Referring to the drawings: A designates a sleeve which is adapted to be fitted upon a rod or other support, shown in dotted lines Fig. 1, and provided with a screw B for adjustably connecting said sleeve in position.

C designates a cone which rises from the sleeve A, and is provided with a set screw D for vertically adjusting the stem E which is located within said cone.

Mounted on the stem E are the jaws F, a portion of each of which above the axis thereof is provided with a lip G the lips having connected with them a spring H, whereby the jaws are drawn toward each other or made self-closing. The jaws are preferably pivoted by a single pin E' to said stem, the said pin passing through openings in plates or ears attached to the said jaws. Depending from the axial portion of the jaws are heels J forming finger pieces which encircle the cone C, and are so disposed as to abut thereagainst when the jaws are open.

The operation is as follows: The pieces J are pressed toward each other, whereby the jaws open and the shoe is applied to the latter, so that the jaws are adapted to engage with a proper portion of the sole of the same. The pieces J are then let go, whereby the jaws firmly grasp and support the shoe, as

will be seen in the figures. When the shoe is to be released, the jaws are again separated by operation of the pieces J, the effect of which is evident. In the opening motions of the jaws the finger pieces J abut against the cone C, thus limiting said motions. Should it be desired to increase the extent of opening of the jaws, the screw D is loosened and the jaws raised to required extent, after which the screw is tightened against the stem E, and the finger pieces are thus retained in their adjusted position relatively to the inclined face of the cone, it being evident that owing to the nature of said face, more or less throw may be imparted to the jaws in their outward motions, owing to the limit of the inward motion of the finger pieces, due to said cone. The lips G are integral with the jaws, being cut out of a proper portion of the same, thus avoiding the use of separate pieces, and providing a strong and inexpensive construction.

It is evident that the device may be adjusted on the supporting rod so as to set the shoe obliquely when so desired.

In Fig. 4, I show the jaws formed with closing springs integral with the same, said springs being punched out of the heels and projecting inwardly from the same and bearing against the stem E, the result being the same as that shown in the other figures.

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

1. A sleeve with a cone thereon, pivoted jaws connected with a stem adjustable on said cone, and heels adapted to abut against said cone when the jaws are open, said parts being combined substantially as described.

2. A stem supporting the jaws of a rest, in combination with a cone in which said stem is vertically adjustable, the jaws being provided with heels adapted to abut against said cone and thereby limit the outward motions of the jaws, the parts named being combined substantially as described.

3. A sleeve, a cone thereon and pivoted jaws having lips and heels, said lips being connected by a spring, and said heels being

adapted to abut against said cone when the jaws are fully opened, said parts being combined substantially as described.

4. Self-closing jaws provided with heels, a
5 stem supporting said jaws, a cone adjustably supporting said jaws and encircled by the finger pieces thereof, and a sleeve sustaining

said cone, the parts named being combined substantially as described.

MANUEL S. MELZER.

Witnesses:

JOHN A. WIEDERSHEIM,
A. P. JENNINGS.