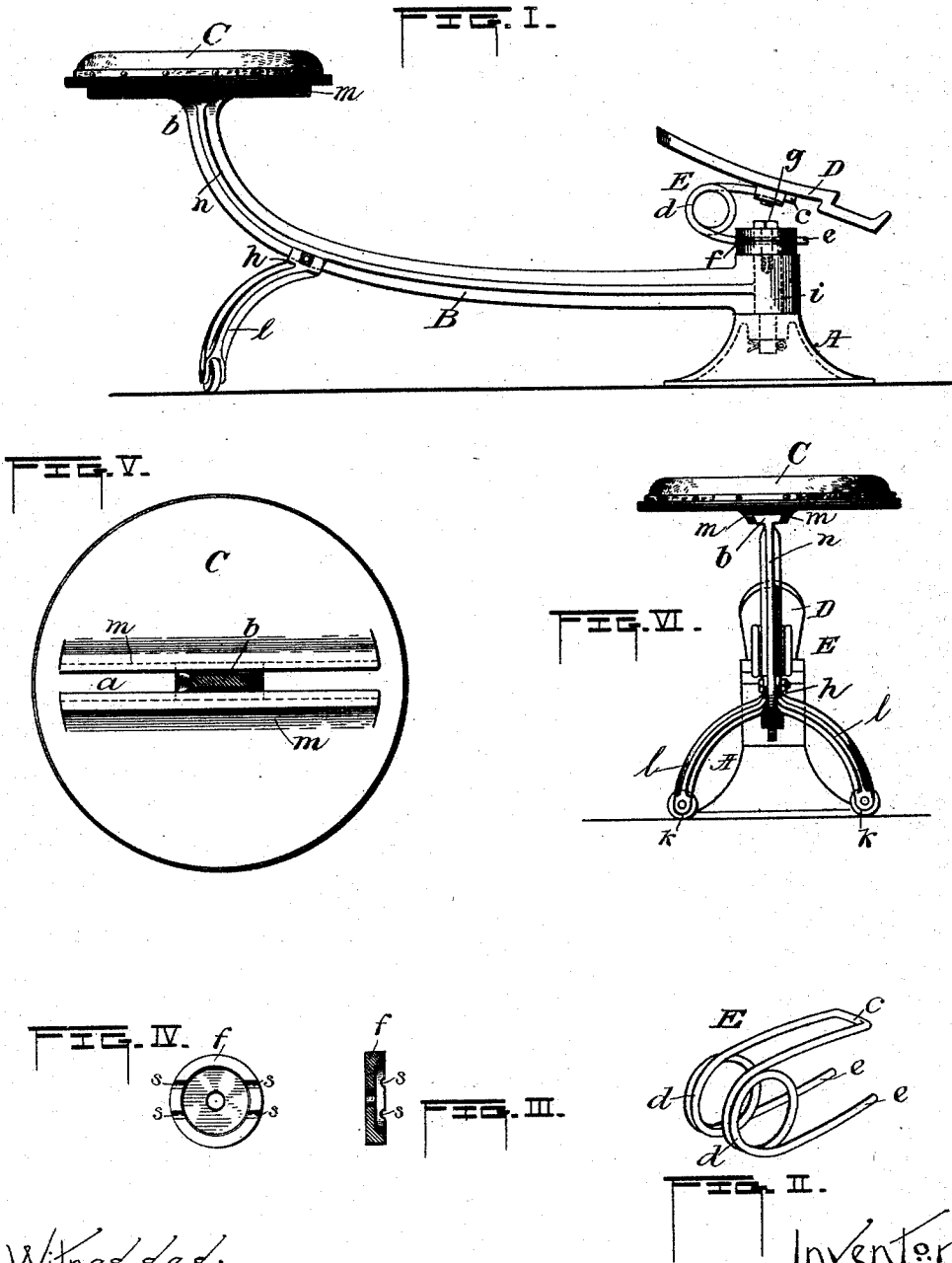


(No Model.)

F. V. STONE & M. A. CAMPBELL.
FOOT REST AND SHOE STOOL.

No. 483,403.

Patented Sept. 27, 1892.



Witnesses:
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UNITED STATES PATENT OFFICE.

FREDERICK V. STONE AND MYRON A. CAMPBELL, OF ELYRIA, OHIO.

FOOT-REST AND SHOE-STOOL.

SPECIFICATION forming part of Letters Patent No. 483,403, dated September 27, 1892.

Application filed November 26, 1888. Serial No. 291,939. (No model.)

To all whom it may concern:

Be it known that we, FREDERICK V. STONE and MYRON A. CAMPBELL, citizens of the United States, residing at Elyria, in the county of Lorain and State of Ohio, have invented a new and useful Apparatus to be Used by Customers and Salesmen in Shoe-Stores in Trying on and Fitting Shoes, of which the following is a specification.

Our apparatus combines an adjustable seat for the salesman and an elastic adjustable foot-rest for the customer so constructed and arranged in relation to each other as to secure the comfort and convenience of the customer and greatly facilitate and expedite the work of the salesman and enable him to show the goods to their greatest advantage.

Our invention is fully illustrated in the accompanying drawings, in which—

Figure I is a side elevation of the entire apparatus. Fig. II is a detached view of the adjustable spring upon which the foot-rest is mounted. Figs. III and IV represent the device by which the said spring is secured to the stationary upright stud or base of the apparatus and by which said spring is rendered adjustable. Fig. V is a plan view of the under side of the salesman's seat, showing the means of adjusting the same; and Fig. VI is an end elevation of said seat and its supporting connections.

Each part of the apparatus is designated by the same letter wherever it appears in the several views.

A suitable base A, Fig. I, which may be secured to the floor, forms the stationary portion of the apparatus. Upon the pivot *i*, integral with or secured on the center of said base A, is pivoted a radial arm B, extending outwardly in an approximately horizontal direction to a proper distance and connecting in any suitable manner with a seat C. We prefer the form of seat and connections shown in the drawings, in which the radial arm B divides at the point *h* into two downward projections *l l*, integral with or firmly attached to said arm, which form legs furnished with the casters *k k*, and the upward projection *n*, which terminates in the dovetailed shank or tongue *b*, Figs. V and VI. Said tongue *b* is set lon-

gitudinally in the vertical plane of the arm B and is made to fit in the dovetailed groove *a*, Fig. V, formed by the parallel metal guides *m m*, secured to the under side of the seat C. Said guides *m m*, being beveled inwardly on the side toward each other, form a dovetailed slot or groove, in which the dovetailed tongue *b* fits loosely, thus enabling the seat C to slide in either direction, toward or from the foot-rest, to suit the convenience of the operator.

To and directly over the base A the foot-rest D is secured upon the coiled spring E, Fig. I. Said spring is formed as follows: The wire is first bent, as seen at *c*, Fig. II, so as to form two parallel strands, which are coiled in the form of a spiral, as seen at *d*, with projecting ends *e* of proper length. This spring at or near the point *c* is firmly secured in any suitable manner to the bottom of the foot-rest D, while the ends of the spring *e* are clamped between circular disks or plates *f f*, Figs. I, III, and IV, which rest upon the end of the arm B, and the pivot *i*, being adjustably secured to the latter by the thumb-screw or set-screw *g* passing through the center of the disks. Said disks are each flattened upon one side, but are hollowed out or concaved on their adjacent sides, between which the wires pass, so as not to impinge upon the wires except at their peripheries, where suitable notches *s s* are formed to receive the wires. By loosening the thumb-screw *g* the wires *e e* may be moved between the disks in either direction and adjusted so as to give the desired degree of rigidity to the spring. The foot-rest has thus a free upward and downward movement, with the coils of the spring *d* as a fulcrum, and as said disks *f f* revolve freely upon the screw *g* as a pivot the foot-rest can take any desired direction laterally. Entire freedom of movement is thus secured for the foot-rest and the foot of the person resting upon it, which can always be kept in a natural position, and the shoe being fitted will therefore be kept smooth and unrumpled. The pivoting of the radial arm B centrally upon the base A provides for the rotation of the seat C entirely around the foot-rest, thus enabling the salesman to occupy any desired position relatively to the customer and ac-

cording to the direction of the light, &c., thus exhibiting the goods to the best advantage.

We claim as our invention—

1. The combination of a stud or base A, having rotating disks *f f* secured to its top, a spring E, adjustably secured between said disks, a foot-rest D, mounted on said spring, with a rotating radial arm B, pivoted centrally on said base and having at its outer end a seat C, substantially as set forth.

2. The combination of a base or stud A, having rotating disks *f f* secured to its top, a spring E, adjustably secured between said disks, a foot-rest D, mounted on said spring, a rotating radial arm B, pivoted on said base and having downwardly-projecting branches forming legs *l l*, and an upward projection *n*, supporting a seat C, substantially as set forth.

3. The combination of a base A, supporting an adjustable rotatably-mounted spring E, a foot-rest D, mounted on said spring, and a ro-

tating radial arm B, pivoted on said base and carrying at its outer end a seat C, substantially as described.

4. The combination of the base or stud A, the revolving disks *f f*, secured by a screw or bolt *g* to its top, the spring E, clamped between said disks, and a foot-rest D, mounted on said spring, substantially as described.

5. The combination of the base A, the revolving disks *f f*, secured thereto, having their contiguous sides concaved or otherwise recessed and provided with notches *s s* to receive a spring E, adjustably secured between said disks, and a foot-rest D, mounted on said spring, substantially as described.

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