

(No Model.)

J. L. THOMSON.
PANTALOONS PROTECTOR.

No. 258,154.

Patented May 16, 1882.

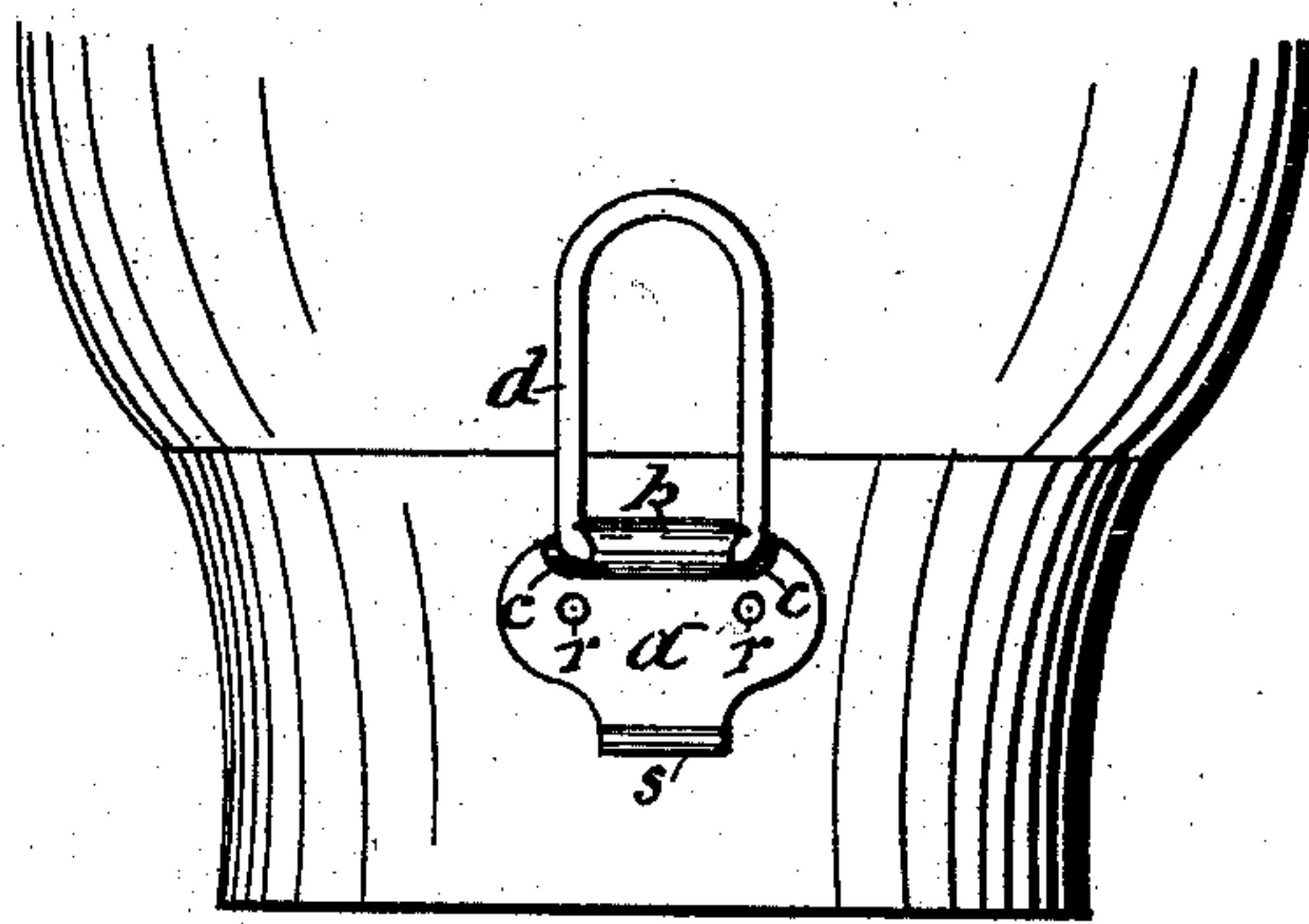


FIG. 1-

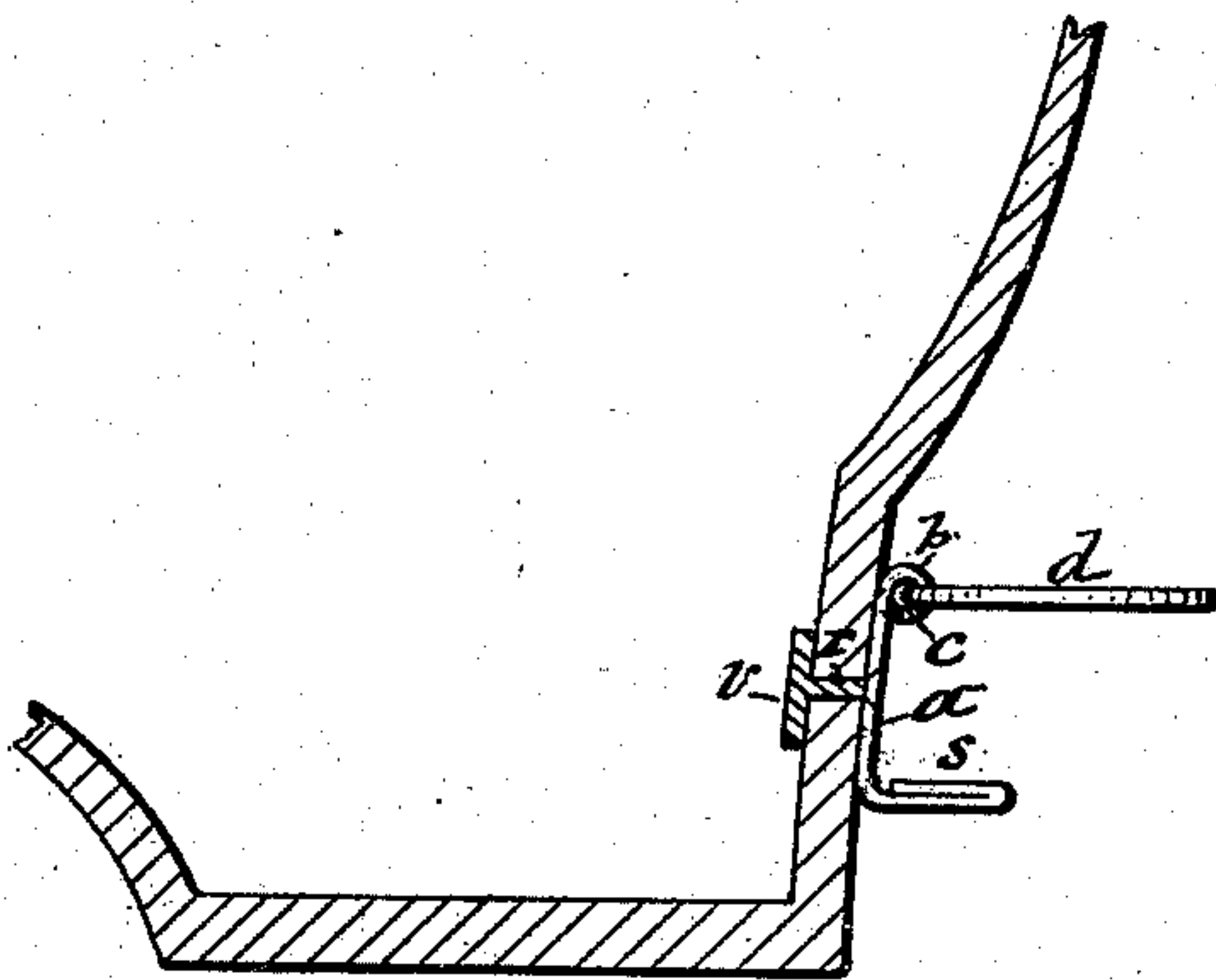


FIG. 2-

WITNESSES—

Wm. L. Raymond.
John P. Esalick.

INVENTOR—

Judson L. Thomson.
per Dwell, Laess & Key
his Attorney.

UNITED STATES PATENT OFFICE.

JUDSON L. THOMSON, OF SYRACUSE, NEW YORK.

PANTALOOON-PROTECTOR.

SPECIFICATION forming part of Letters Patent No. 258,154, dated May 16, 1882.

Application filed January 3, 1882. (No model.)

To all whom it may concern:

Be it known that I, JUDSON L. THOMSON, of Syracuse, in the county of Onondaga, in the State of New York, have invented new and useful Improvements in Pantaloön-Protectors, of which the following, taken in connection with the accompanying drawings, is a full, clear, and exact description.

This invention relates to pantaloön-protectors designed more particularly to be applied to rubber shoes; and it consists in a novel construction of the device and means of attaching the same to the rubber shoe, as hereinafter fully explained.

In the annexed drawings, Figure 1 is a rear view of a rubber shoe with my invention applied thereto, and showing the pantaloön-protector turned up and out of the way, as is desired when the same is not required for use; and Fig. 2 is a vertical transverse section of the same, showing the invention in position for use.

Similar letters of reference indicate corresponding parts.

a is a metal plate, of proper size and shape to fit neatly to the back of the heel of the rubber. Said plate is provided with a loop, *b*, which I form by bending a portion of said plate tubular shape. On said loop *b* is hinged an elastic arm, *d*, in the form of a wire bail, which passes through the loop. The ends of the loop are provided with a shoulder, *c*, formed by lateral extensions of the ends of that portion of the plate *a* which is bent to form the loop. Said shoulders *c*, passing under the side bars of the bail *d*, serve to cause the arm or bail *d* to spring back into horizontal position in case the same has been accidentally strained below said position.

The described pantaloön-protector is attached to the rubber shoe by placing the plate *a* in its requisite position on the counter or back part of the rubber shoe, and applying to the inside of the same, directly opposite the

plate *a*, a washer, *v*, having studs or rivets *r*, which pass through the back of the rubber shoe and through holes in the plate *a*, and are clinched or upset upon the latter. If desired, the washer *v*, as well as the plate *a*, may be provided with holes for the reception of separate rivets, in which case said rivets are clinched or upset at both ends. The base of the plate *a*, I provide with a step, *s*, in the form of a horizontal projection, which serves as a means for applying the toe of one foot in drawing the rubber shoe off the other foot.

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

1. A pantaloön-protector consisting essentially of a plate adapted to be secured to the back of a rubber shoe, and a spring-arm hinged on said plate and restrained from undue deflection below a horizontal position by a shoulder on the attaching-plate, substantially as set forth.

2. The combination of the plate *a*, formed with the loop *b*, and with the lateral extension *c* on the ends of said loop, the wire bail *d*, hinged in the loop *b* and restrained from deflecting below a horizontal position by the extensions *c* aforesaid, and the washer *v* and attaching-stud *r*, all as shown and described.

3. The combination of the plate *a*, provided with the step *s* and with the loop *b*, the shoulders *c*, the bail *d*, hinged on the said loop, and the washer *v*, provided with rivets *r*, all as shown and set forth.

In testimony whereof I have hereunto signed my name and affixed my seal, in the presence of two attesting witnesses, at Syracuse, in the county of Onondaga, in the State of New York, this 30th day of December, 1881.

JUDSON L. THOMSON. [L. S.]

Witnesses:

C. H. DUELL,
WM. C. RAYMOND.