(No Model.)

O. M. HAIGHT & C. F. BIFFAR.

BOOTJACK.

No. 473,740. Patented Apr. 26, 1892.

Fig. 1.

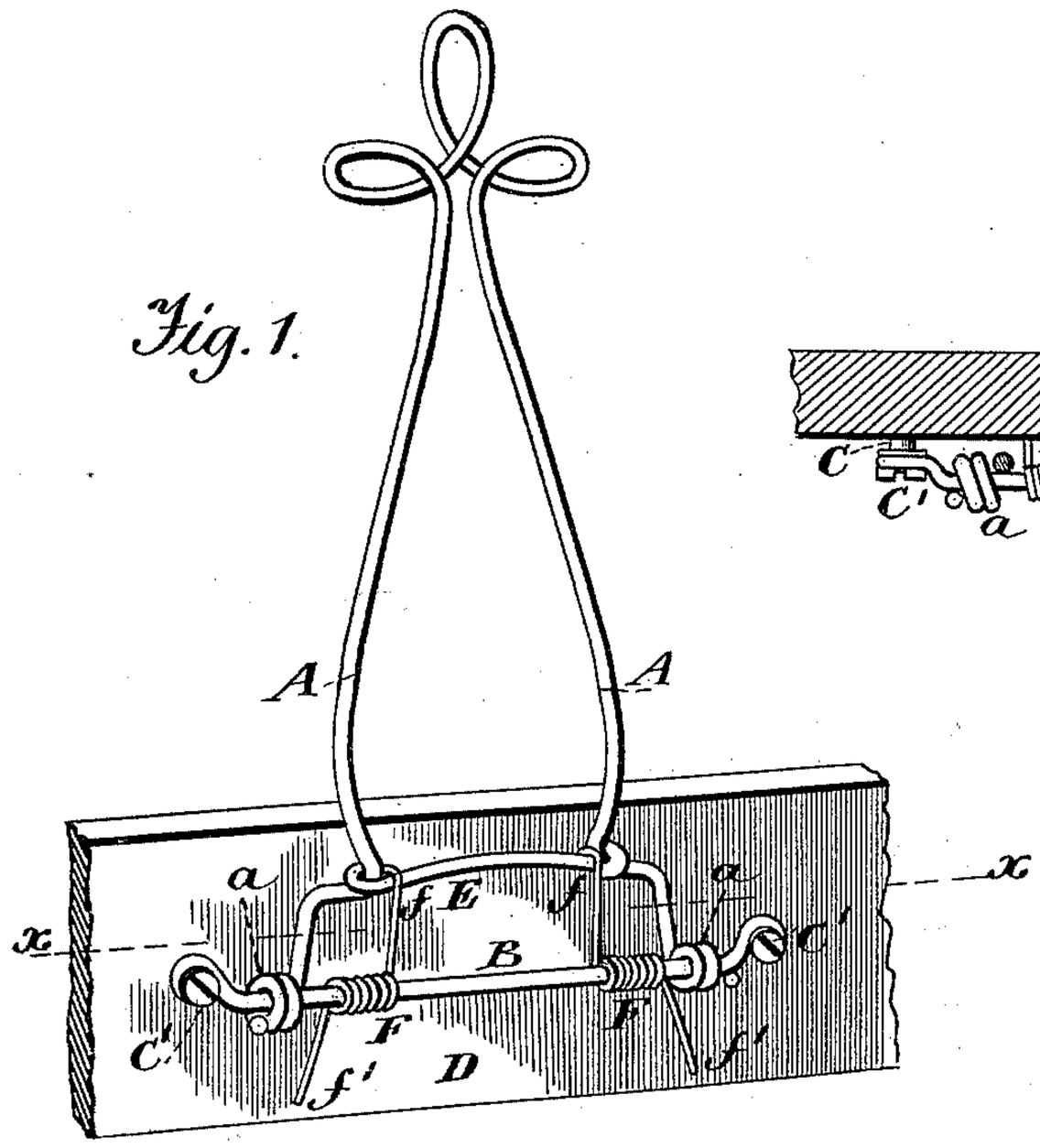

Fig. 3.

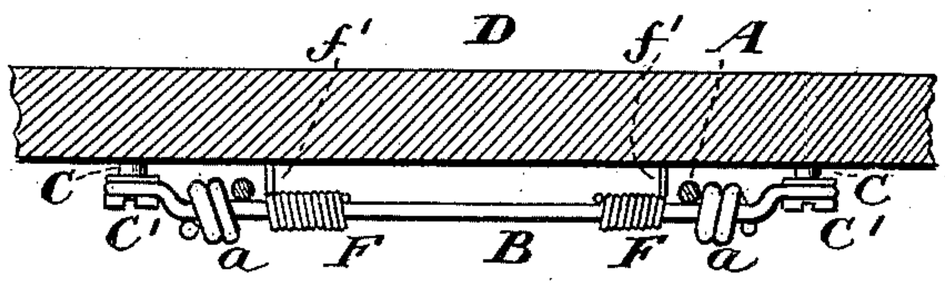

Fig. 4.

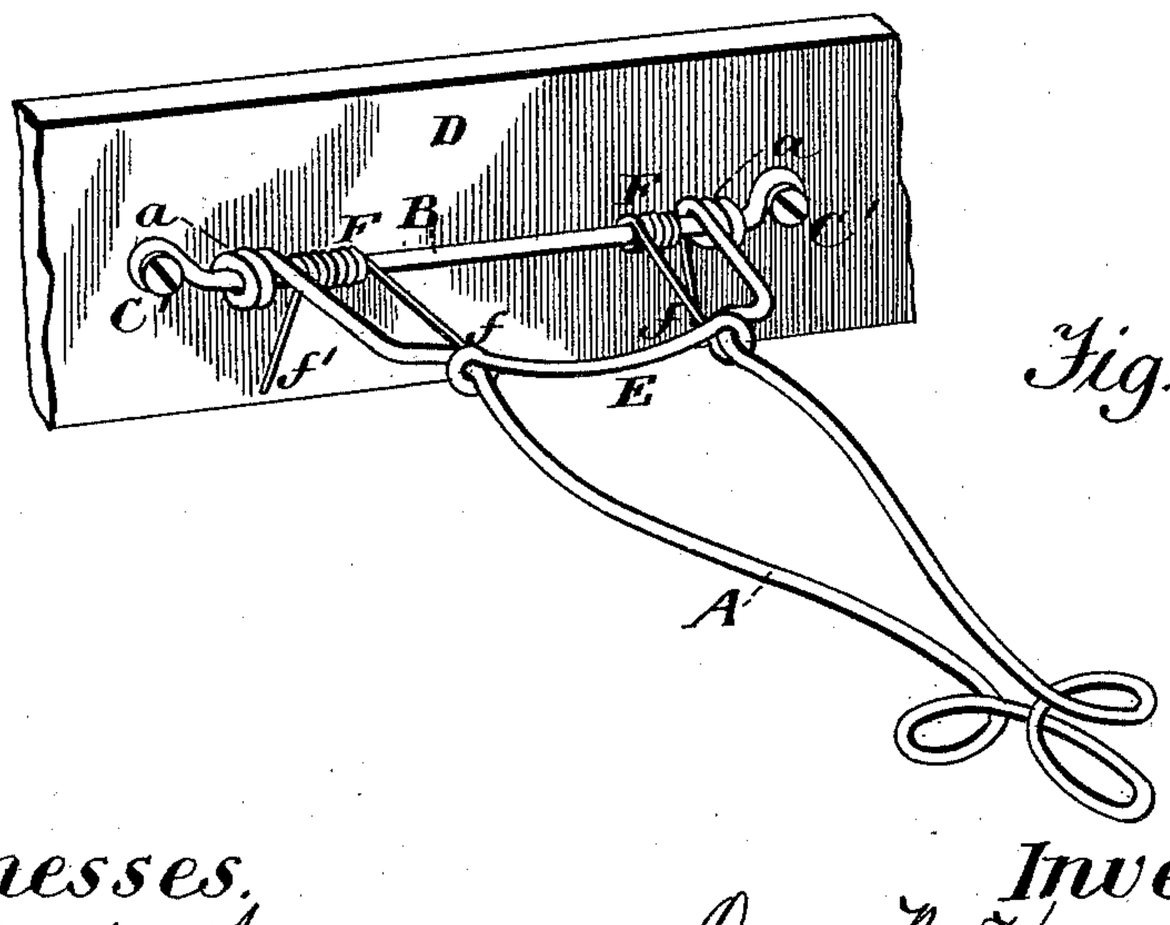

Fig. 2.

Witnesses.
A. Ruppert.
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Inventors.
Oscar M. Haight and
Charles F. Biffar,
by Franklin H. Hough
their attorney

UNITED STATES PATENT OFFICE.

OSCAR M. HAIGHT AND CHARLES F. BIFFAR, OF ROCK VALLEY, NEW YORK.

BOOTJACK.

SPECIFICATION forming part of Letters Patent No. 473,740, dated April 26, 1892.

Application filed February 24, 1892. Serial No. 422,679. (No model.)

To all whom it may concern:

Be it known that we, OSCAR M. HAIGHT and CHARLES F. BIFFAR, citizens of the United States, residing at Rock Valley, in the county of Delaware and State of New York, have invented certain new and useful Improvements in Bootjacks; and we do 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 the letters of reference marked thereon, which form a part of this specification.

Our invention relates to certain new and useful improvements in bootjacks; and it relates more particularly to that class of bootjacks which are jointed or hinged to the wall of the room and held normally up against the wall out of the way by means of a spiral spring.

The object of the present invention is to provide a simple and efficient device of the character mentioned, the bootjack being constructed of a single piece of heavy steel wire bent as described, and having the ends of the wire provided with loops which engage or are journaled upon a wire or rod, said rod being attached to a small piece of board or block of wood, which may be readily attached to the wall or a door of the room in which the device is to be used. A spiral spring connected with the jack serves to normally hold the same in a vertical position against the wall.

To these ends and to such others as the invention may pertain the same consists in the peculiar construction and in the novel combination, arrangement, and adaptation of parts, all as more fully hereinafter described, shown in the accompanying drawings, and then specifically defined in the appended claims.

The invention is clearly illustrated in the accompanying drawings, which, with the letters of reference marked thereon, form a part of this specification, and in which drawings—

Figure 1 is a perspective view of my bootjack as it appears when attached to the wall and held in its normal position against the wall. Fig. 2 is a similar view, in which the device is shown as in position for use. Fig. 3 is a section on the line *x x* of Fig. 1, and it and Fig. 4 are enlarged details which will be hereinafter more particularly referred to.

Reference now being had to the details of the drawings by letter, A designates the body portion of the bootjack, which is constructed of a single piece of heavy steel wire, which at its ends is provided with loops *a a*, which are sleeved loosely upon a rod or wire B, said wire B being attached at its ends to the heads C′ of the screws C upon the block or board D. It will be observed upon reference to the drawings that the portion of the shaft or wire B between the screw-heads C′ is raised a short distance above the tops of the screw-heads to which the ends of the wire are attached. By this construction the distance between the body portion of the wire and the board or block D may be regulated by raising or lowering the screw-heads, as will be readily understood.

Near the point at which the ends of the wire forming the body portion of the jack are sleeved upon the rod or wire B a wire E is placed, which is attached at its ends to the side wires of the jack.

F F are spiral springs, which are coiled about the rod or wire B, each of the said springs having one of its ends extended to the wire E, as shown at *f*, and its opposite end extended upon the opposite side of the rod B, as shown at *f′*, said portion *f′* bearing at its end against the face of the block or board D. It will be observed that by this construction the tension of the springs F will serve to normally hold the bootjack in a vertical position against the wall. When it is desired to use the same, it may be pulled down into position for use, and when released it will be thrown back against the wall by the tension of the springs F. Should the springs at any time loose their tension from use, they may be readily tightened by simply turning up the screws C.

The body portion of the jack being made of wire may be formed in any fanciful design that the taste of the manufacturer may dictate, and the device, while simple and cheap of construction, will be at the same time both durable and ornamental.

Having thus described our invention, what

we claim to be new, and desire to secure by Letters Patent, is—

1. The herein-described bootjack, the same comprising, in combination, the body portion constructed of a single piece of wire bent to the desired shape and having its ends provided with loops, the rod B, upon which the said loops are sleeved, the block D, the screws C, having the ends of the rod B attached thereto, the wire E, connecting the side wires of the body portion, and the spiral springs F upon the rod B, with their extended ends bearing against the face of the block and the body portion of the jack, substantially as and for the purpose described.

2. The combination, with the board D, the body portion formed of a single piece of wire with its ends formed into coils *a a*, and horizontal portions with bends at their junction with the arms of the jack, a wire E, having its ends seated in the said bends, the rod B, passed through the coils *a a* and having its ends formed with eyes, the screws C, with annular grooves in which said eyes are held, and the springs F, coiled around the rod B, with one end of each bearing against the board D and the other ends connected with the wire E near the bends in the body portion of the device, substantially as shown and described.

In testimony whereof we affix our signatures in presence of two witnesses.

OSCAR M. HAIGHT.
CHARLES F. BIFFAR.

Witnesses:
JOHN W. NEWMAN,
T. L. ROBERTS.