

(No Model.)

J. J. WEBER.
LAUNDRY IRON ATTACHMENT.

No. 407,557.

Patented July 23, 1889.

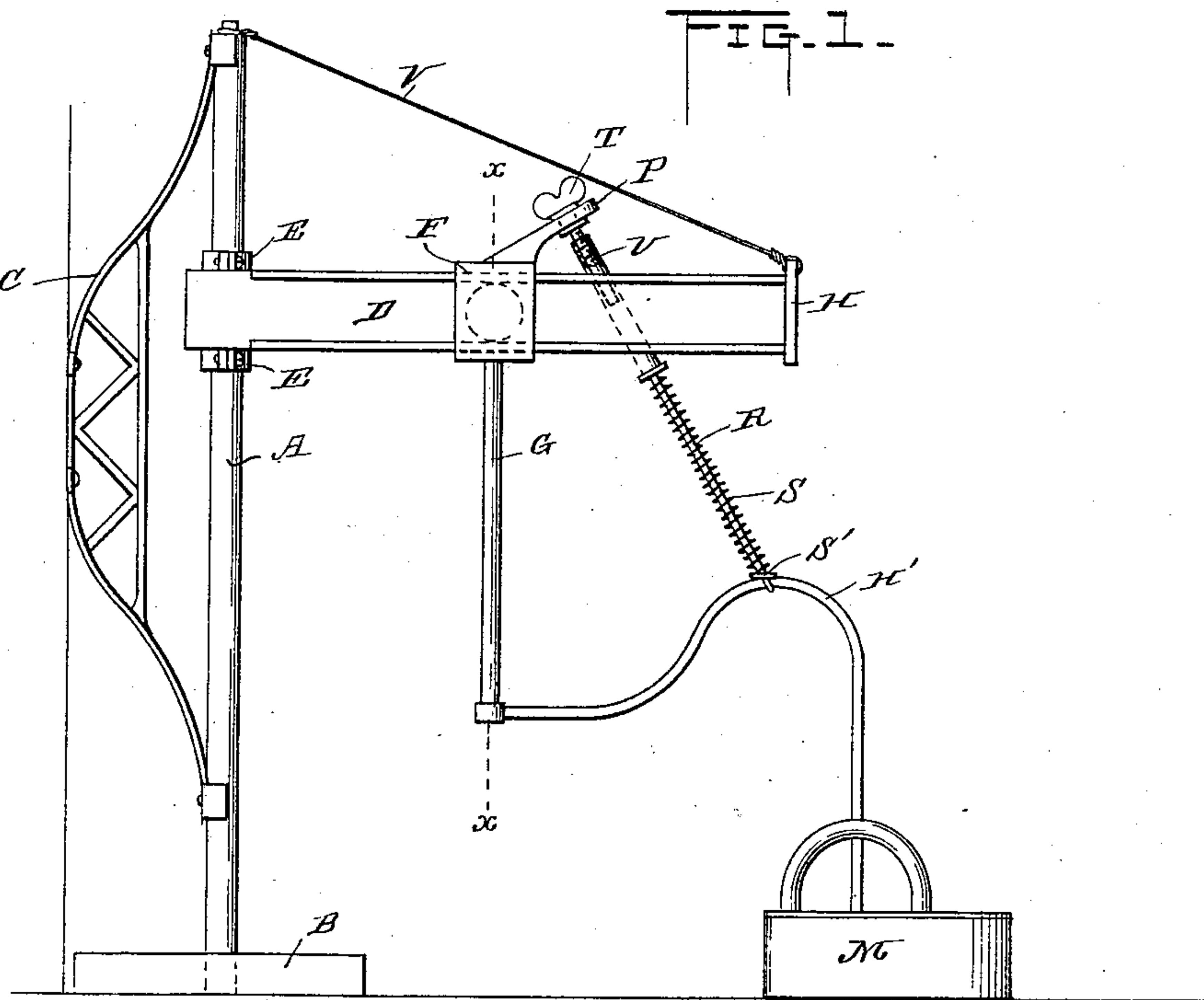
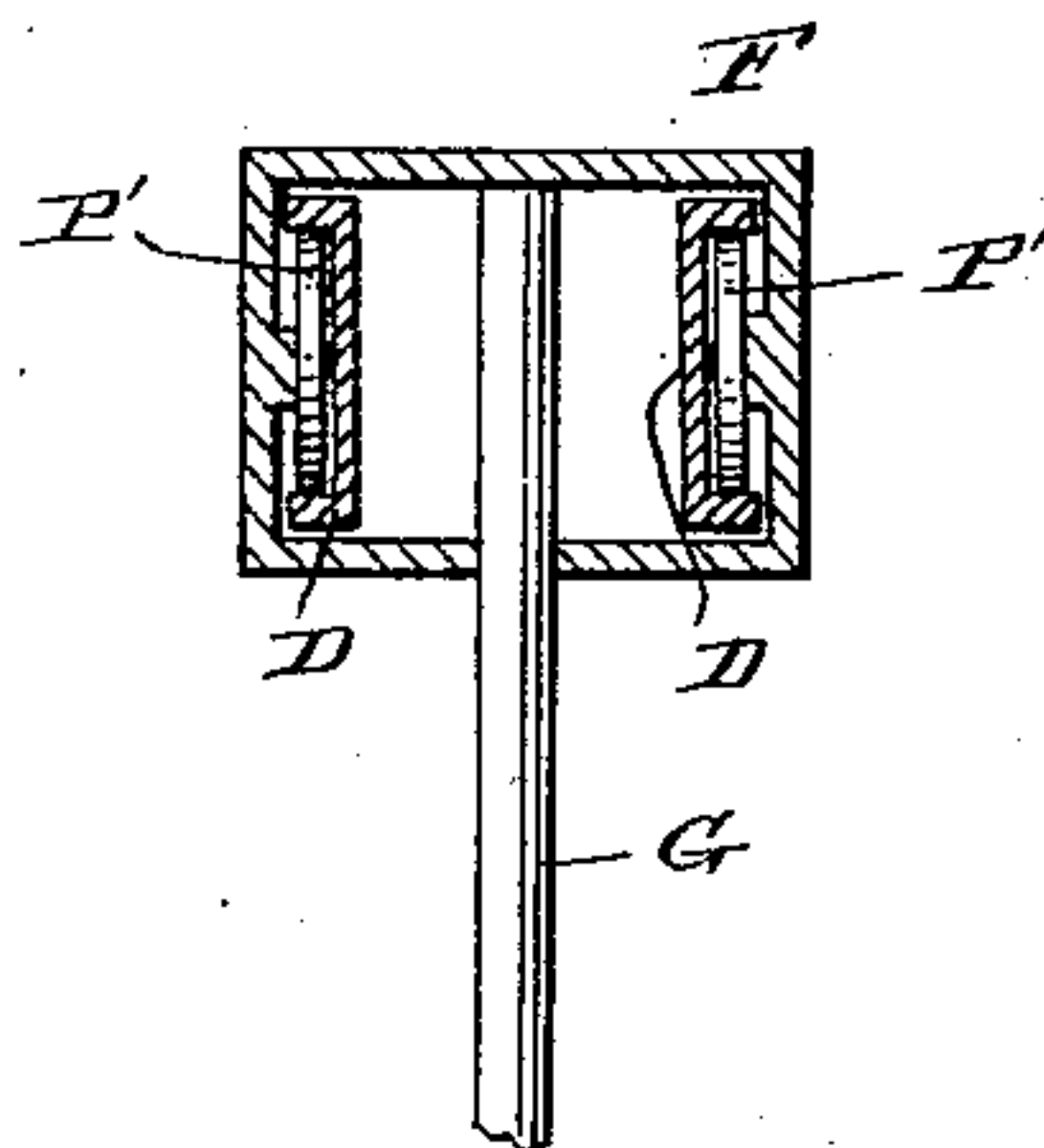


FIG. 2.



Witnesses

E. D. Smith

Leroy B. Hills

Inventor

John J. Weber

by

Edward Taggart,
his Attorney

UNITED STATES PATENT OFFICE.

JOHN J. WEBER, OF GRAND RAPIDS, MICHIGAN.

LAUNDRY-IRON ATTACHMENT.

SPECIFICATION forming part of Letters Patent No. 407,557, dated July 23, 1889.

Application filed February 5, 1889. Serial No. 298,760. (No model.)

To all whom it may concern:

Be it known that I, JOHN J. WEBER, a citizen of the United States, residing at the city of Grand Rapids, in the county of Kent and State of Michigan, have invented a certain new and useful Improvement in Laundry-Iron Attachments, of which the following is a specification.

The nature of my invention relates to an attachment to a laundry-iron which will automatically exert a downward pressure upon the iron when in use, and at the same time will not prevent the operator from freely moving the iron in any required direction.

The object of the invention is to increase the efficiency of the laundry-iron without increasing its weight, or to give the same efficiency to a light as to a heavy iron. This object I accomplish by means of the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is a side elevation of my newly-invented laundry-iron attachment, and Fig. 2 a vertical sectional view on line *x x* of Fig. 1.

Similar letters refer to similar parts in both figures.

A is a vertical standard, preferably round, supported in any suitable manner. One method of supporting the standard is by means of the base B, which may be attached to the table by means of screws. Another method is by means of a bracket, as C, which may be attached to the wall by means of screws; or both the base and bracket may be used.

D is a frame pivoted to the standard A and held in position by any suitable means which will allow said frame to turn horizontally thereon. In the drawings I have shown the frame D held in position upon the standard by means of two stationary rings E E. The ends of the side pieces of the frame farthest from the standard may be connected together by means of a cross-piece, as H; or, if desired, the two sides of the frame and the connecting-piece may be made integral with each other.

Surrounding the frame D in the manner shown in the drawings is a sleeve F, adapted to slide freely on the frame D. In order to facilitate the movement of the sleeve F upon

the frame, two pulleys P' P' may be used, arranged as shown in Fig. 2. The sleeve F is provided with a lug P, as shown. Securely attached to the sleeve is the rod G, and connected with the lower end of the rod G is the rod or goose-neck H. A rod R passes into a hollow internally-threaded sleeve U, and is attached at its lower end to the rod H' by suitable means. S is a spring coiled around the rod R, so arranged that it is compressed between the lower end of the sleeve U and the rod H'. Between the spring S and the rod H', I prefer to place a washer S', yet this washer may be dispensed with.

The internally-threaded sleeve U is provided with a thumb-screw T, which engages with the screw-thread of the sleeve U. The thumb-screw T is secured to the lug P in such a manner that while it may readily be turned to operate the sleeve U it cannot be moved from the lug. By turning the thumb-screw the sleeve can be made to approach or recede from the rod H', the coiled spring upon the rod R thereby increasing or decreasing the pressure upon the rod H' and, consequently, upon the laundry-iron M, to which the rod H' is attached, as shown in Fig. 1. M shows the laundry-iron constructed in any ordinary form or size.

The sleeve F, lug P, rods R, H', and G, and parts thereto attached all move horizontally together, said sleeve F sliding upon the frame D, and as the frame D turns horizontally upon the standard A it allows the operator to move the laundry-iron in any required direction.

In order to more securely support the frame, a wire or other brace V may be used.

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

1. The combination of an upright standard, a horizontally-swinging frame pivoted on said standard, a horizontally-movable sleeve F supported on said frame and carrying a thumb-screw, an internally-threaded sleeve U, adjustably supported by the thumb-screw, a rod H', connected at one end with the sliding sleeve F and at the other end with a laundry-iron, a rod R, connecting the sleeve U and rod H', and a spring S, mounted on said rod R to exert pressure on the iron, substantially as described.

2. The combination of the standard A, the horizontally-swinging frame D, the sleeve F, mounted on said frame and provided with lug P, pulleys P' P', and depending rod G, a rod H', connected at its lower end to a laundry-iron and having its opposite end attached to the rod G, depending from the sleeve F, the thumb-screw T, supported in the lug P, the internally-threaded sleeve U, the rod R, and the spring S, substantially as described. 10

In witness whereof I have hereunto set my hand and seal in the presence of two witnesses.

JOHN J. WEBER. [L. S.]

Witnesses:

HUGH E. WILSON,

HARRY P. VAN WAGNER.