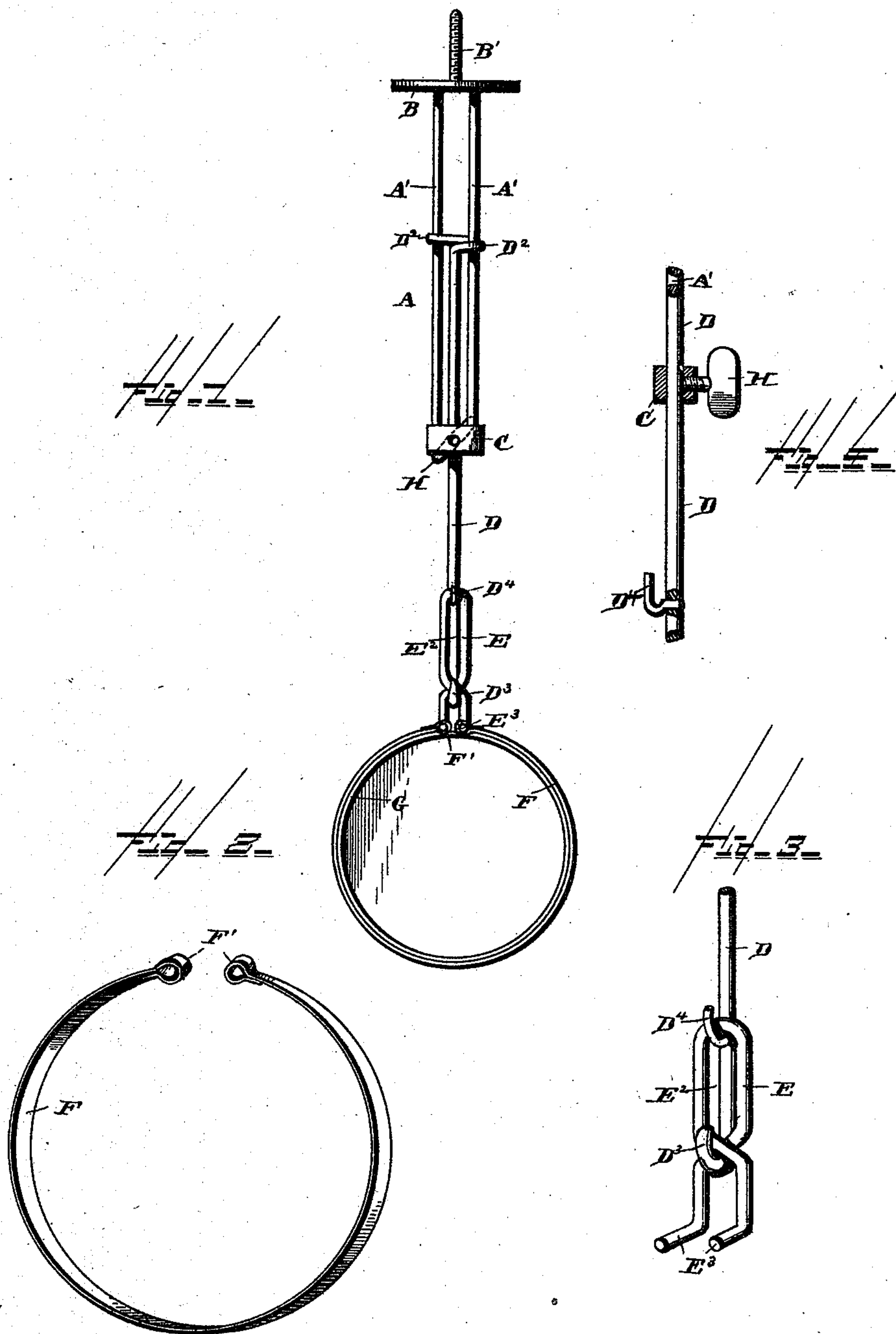


(No Model.)

C. W. EUNSON.
STOVE PIPE HANGER.

No. 413,850.

Patented Oct. 29, 1889.



Witnesses

Albert E. Spiden.
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By His Attorney

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UNITED STATES PATENT OFFICE.

CHARLES WESLEY EUNSON, OF EMERALD GROVE, WISCONSIN.

STOVE-PIPE HANGER.

SPECIFICATION forming part of Letters Patent No. 413,850, dated October 29, 1889.

Application filed June 6, 1889. Serial No. 313,353. (No model.)

To all whom it may concern:

Be it known that I, CHARLES WESLEY EUNSON, a citizen of the United States, residing at Emerald Grove, in the county of Rock and State of Wisconsin, have invented certain new and useful Improvements in Stove-Pipe Hangers; and I 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 and figures of reference marked thereon, which form a part of this specification.

This invention relates to certain new and useful improvements in stove-pipe hangers; and it has for its object to simplify, cheapen, and render more durable and efficient in operation this class of devices.

To these ends, and to such others as the invention may pertain, the same consists in the peculiar combinations, and in the novel construction, arrangement, and adaptation of parts, all as more fully hereinafter described, shown in the 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, like letters of reference indicating like parts throughout the several views, and in which drawings—

Figure 1 is a side elevation of a stove-pipe hanger constructed in accordance with my invention. Figs. 2 and 3 are perspective details upon an enlarged scale of the pipe-supporting band and link for securing the same to the hanger. Fig. 4 is a side elevation of a portion of the hanger, showing the set-screw.

Reference now being had to the details of the drawings by letter, A designates the body of the hanger, which consists of the two parallel wires A' A', which wires are secured at one of their ends to the lower face of the metallic disk B, said disk being provided upon its opposite or upper face with a screw B', for use in securing the device to the wall or ceiling. The opposite ends of the parallel wires A' are secured to a metallic block C, as shown.

D is a wire, the body of which is passed through a central vertical opening in the

block C, and is adapted to be moved freely within said opening. The upper end of the said wire D is bent to form the double loops D², which loops are adapted to loosely embrace the parallel wires A' upon either side. The lower end of the wire is bent to form a hook D³, and D⁴ is a similar hook attached to the wire D directly above and a short distance from the hook D³, as shown.

E is a wire, bent at its longitudinal center to form the elongated loop E², and the free ends of this wire are bent outwardly at right angles to the direction of the loop to form the parallel horizontal arms E³.

F is a strip of sheet metal, which is adapted to be passed around the pipe G, said strip being provided at its ends with suitable loops F', as shown.

In operation the device is secured to the wall or ceiling of the apartment by means of the screw upon the upper face of the disk B. The band F is then passed around the pipe to be suspended, and the loops F' are passed over the free ends of the horizontal arms E³. The wire E is then placed in position upon the wire D, with the hook D³ engaging the angle in said wire directly below the loop E², while the hook D⁴ engages the upper end of the said loop. It will be seen that by this arrangement the parts are securely held in place and an oscillating or swinging movement of the pipe is prevented. The parts having thus been placed in position, the distance of the pipe from the ceiling may be easily regulated by loosening the set-screw H, so as to permit the wire D to be moved through the block C and by moving the same the desired distance up or down. By tightening the set-screw the wire will be held in its adjusted position.

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

1. In a device for the purpose described, the combination, with the disk and the parallel wires secured thereto and having a block secured at their lower ends, of the wire D, passed loosely through a vertical opening in said block and made adjustable therein, substantially as and for the purpose described.

2. The combination, with the disk, the par-

allel wires, and the block secured to the lower ends of the wires, of the wire D, vertically adjustable within said block, said wire D being provided at its upper end with loops 5 loosely embracing the parallel wires, and at its lower end with hooks D³ and D⁴, substantially as and for the purpose described.

3. The pipe-hanging device herein described, the same comprising, in combination, 10 a disk provided upon its upper face with a screw, the parallel wires secured at one end to the lower face of the disk and having a block secured to their opposite ends, the wire

D, vertically adjustable within said block and provided at its lower end with hooks, the 15 wire E, bent to form the loop E² and the horizontal arms E³, and the sheet-metal band F, provided at its ends with loops F', to engage the arms E³, substantially as described.

In testimony whereof I affix my signature 20 in presence of two witnesses.

CHARLES WESLEY EUNSON.

Witnesses:

CHARLES HENRY LEE,
JOHN CUNNINGHAM.