

(No Model.)

T. B. WARD.
STOVE PIPE SHELF.

No. 438,664.

Patented Oct. 21, 1890.

FIG. 1.

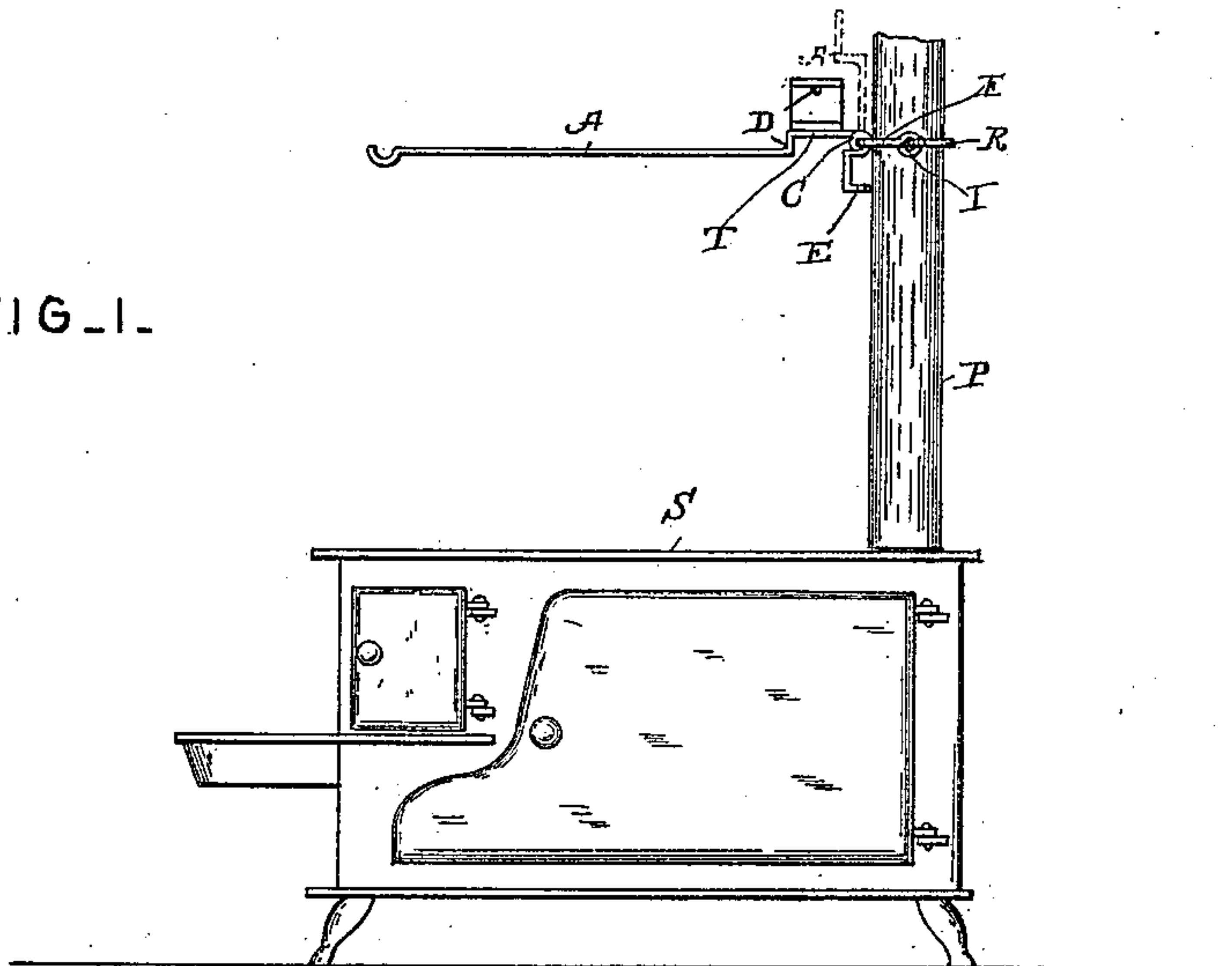


FIG. 2.

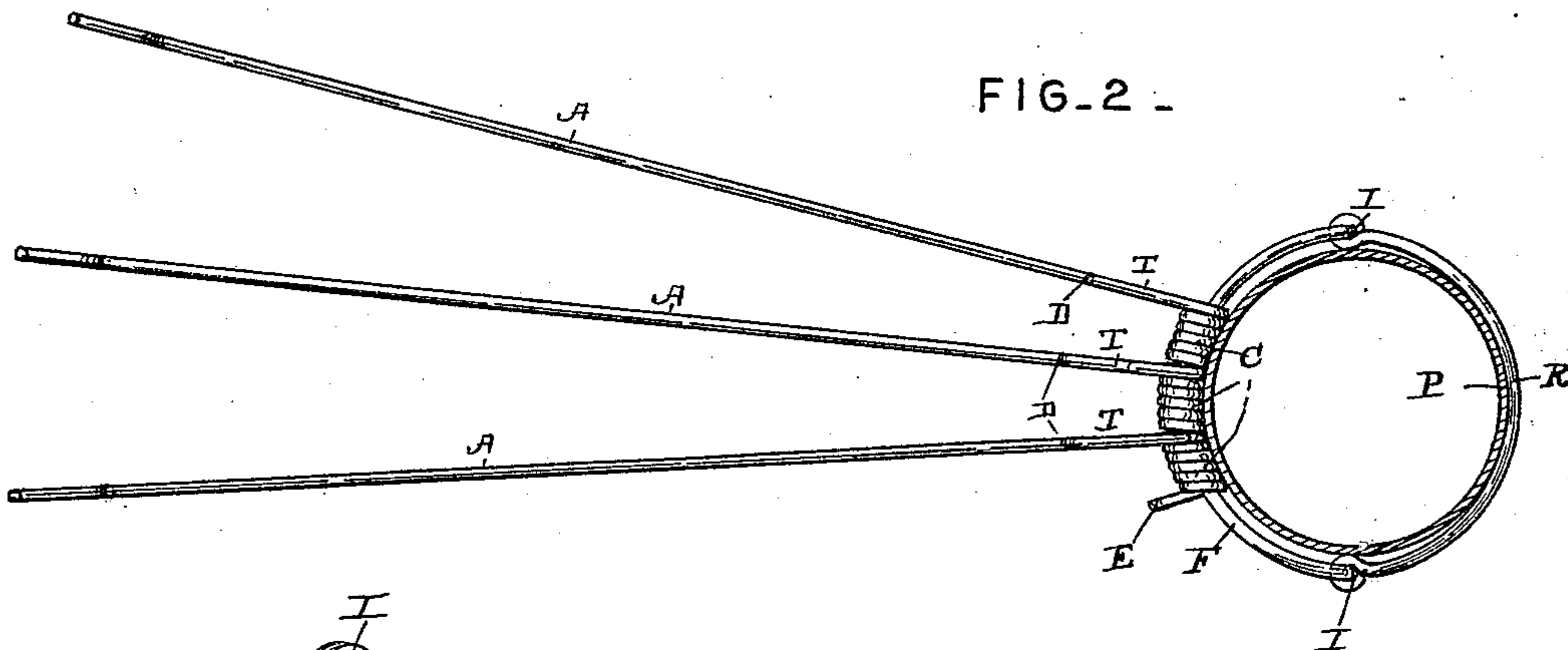
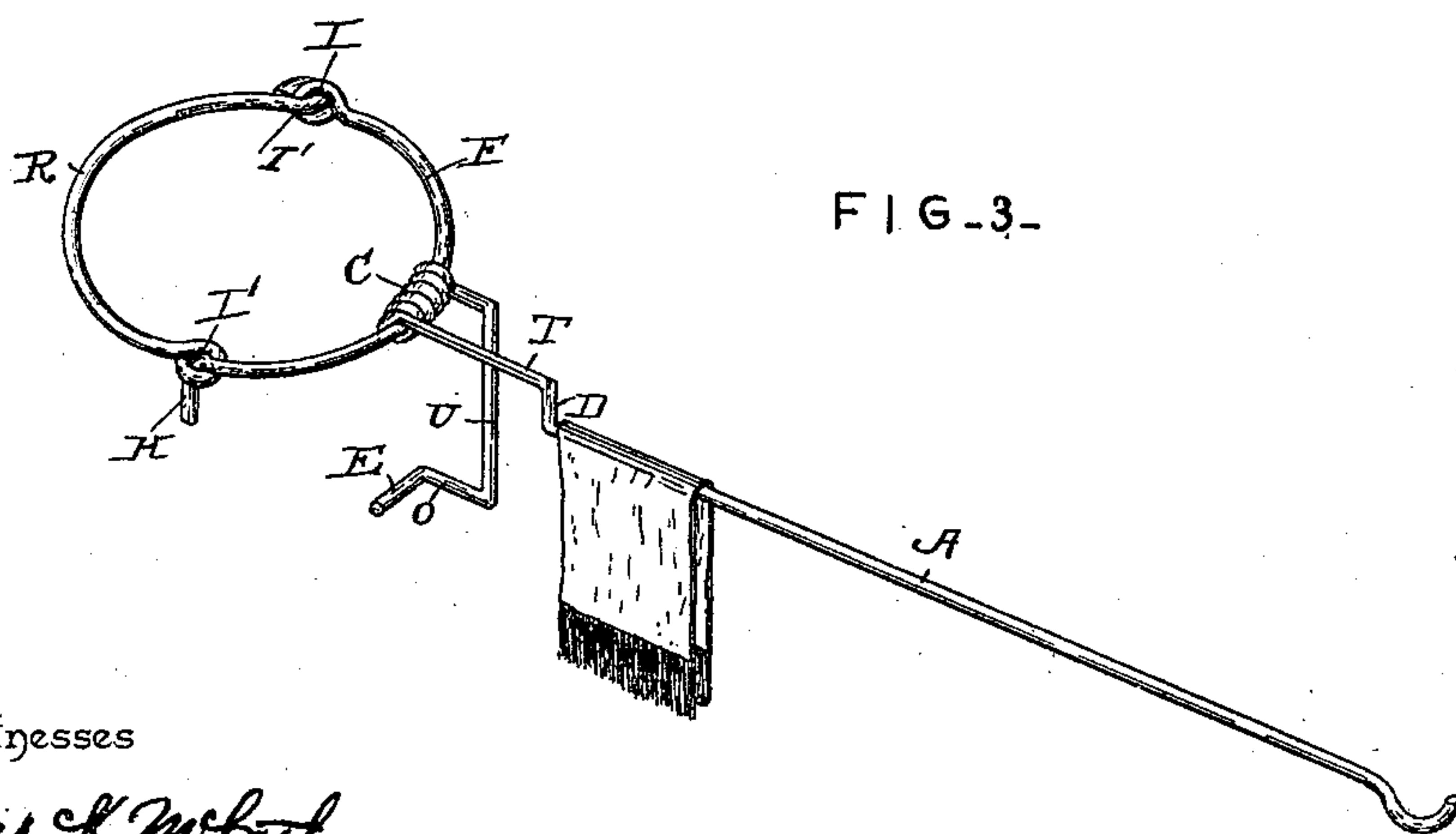


FIG. 3.



Witnesses

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UNITED STATES PATENT OFFICE.

THOMAS B. WARD, OF PRAIRIE DU CHIEN, WISCONSIN.

STOVE-PIPE SHELF.

SPECIFICATION forming part of Letters Patent No. 438,664, dated October 21, 1890.

Application filed June 6, 1890. Serial No. 354,449. (No model.)

To all whom it may concern:

Be it known that I, THOMAS B. WARD, a citizen of the United States, residing at Prairie du Chien, in the county of Crawford and State of Wisconsin, have invented a new and useful Stove-Pipe Shelf, of which the following is a specification.

This invention relates to stoves and furnaces, and more especially to that class thereof known as "stove-pipe shelves;" and the object of the invention is to provide such a device whereupon light articles may be placed or cloths or towels may be hung over the stove to be dried.

To this end the invention consists of the specific details of construction hereinafter more fully described, and illustrated in the drawings, in which—

Figure 1 is a side elevation of a stove and its pipe, showing my improved shelf as applied thereto. Fig. 2 is a plan view of the shelf, showing the pipe in section. Fig. 3 is a perspective view of the shelf from the other side than that shown in Fig. 1, showing one of the arms in position, the others being removed.

Referring to the said drawings, R is a piece of stout wire adapted to pass half-way around an ordinary stove-pipe and having eyes I at its ends, and F is a similar piece adapted to complete the circle around the stove-pipe, as shown. One end of the front piece F has an eye I, which is loosely linked into one of the eyes I' of the rear piece R, and the other end has a hook H, adapted to detachably engage the other eye I' of the rear piece R, as seen in Fig. 3.

A is an arm also of stout wire and which may have a hook at its outer end, if desired. The inner end of this arm is bent in a horizontal elbow E, then outwardly, as at O, then upwardly, as at U, then into a coil C, loosely embracing the front piece F, above described, then outwardly from the top of said piece, as at T, then downwardly in a short elbow, as at D, and then outwardly throughout the body of the arm. Several of these arms are provided, whose coils C are mounted upon the front piece F in the manner best seen in Fig. 2, and my improved device is ready for sale and use.

S is a stove having a pipe P, both of which

may be of the ordinary construction, and my improved device is attached to the pipe at a short distance above the stove, as seen in Fig. 1. To effect this attachment the hook H of the front member F is disengaged from its eye I, the two members F and R placed around the pipe, and the hook re-engaged, whereby the ring formed by these members will surround the pipe, the front member F standing at the front of the pipe—i. e., over the stove. When the ring is thus in place, the arms A will project horizontally over the stove and radially from the pipe, the elbows E at the inner ends of the arms will abut against the front of the pipe, and the outward pull upon the coils C will be resisted by the two-part ring F R. Several of the arms A may be employed, and they may be moved upon the front piece F, so as to be as far apart as desired.

The position of this device above the stove, as seen in Fig. 1, renders it useful for supporting towels and dish-cloths to be dried, as well as for a shelf to support light articles that it is desired shall be kept warm. Such articles will of course be placed near the pipe and will receive heat therefrom as well as from the stove.

The elbow E of each arm bears against the stove-pipe, while the upward extension U stands at a slight distance therefrom and is not excessively heated thereby.

The use of the elbow D a short distance outside of the coil C is to prevent cloths from accidentally slipping too near the pipe and becoming burned.

When desired to have free and unimpeded use of the space above the stove, the arms A may be folded upwardly against the pipe, as shown in dotted lines in Fig. 1, and in this way the device occupies comparatively no room.

What I claim is—

1. The herein-described stove-pipe shelf, the same comprising a ring surrounding the stove-pipe and independent horizontal arms of wire having integral coils loosely surrounding the body of said ring, extending thence downwardly, and provided with lateral elbows at their inner ends, substantially as and for the purpose set forth.

2. The herein-described stove-pipe shelf,

the same comprising a ring surrounding the stove-pipe and independent horizontal arms of wire whose inner ends are coiled loosely around the body of said ring and extended
5 thence downwardly, the horizontal portion of each arm having a downwardly-bent elbow a short distance from said coil, substantially as and for the purpose set forth.

3. In a stove-pipe shelf, the combination,
10 with the ring F R, surrounding the stove-pipe, of the independent arms A, each comprising a horizontal elbow E a short distance below the ring, an outward extension O, an upward extension U, a coil C, loosely embracing the
15 ring, an outward horizontal extension T, and an elbow D, leading into the horizontal body of the arm, substantially as and for the purpose set forth.

4. The combination, with the arms A, hav-
20 ing short coils C and elbows E below such

coils, of the curved piece of wire F, passing loosely through and constituting a bearing for each of said coils, extending around the front of the stove-pipe, and having a hook H and eye I at its ends, and the complementary
25 curved piece of wire R, passing around the rear of the stove-pipe and having eyes I' in its ends, one of said eyes being loosely linked into the eye in the front piece F, and the other of said eyes detachably engaging said hook,
30 substantially as and for the purpose hereinbefore set forth.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

THOMAS B. WARD.

Witnesses:

R. F. HASKINS,
C. S. FULLER.