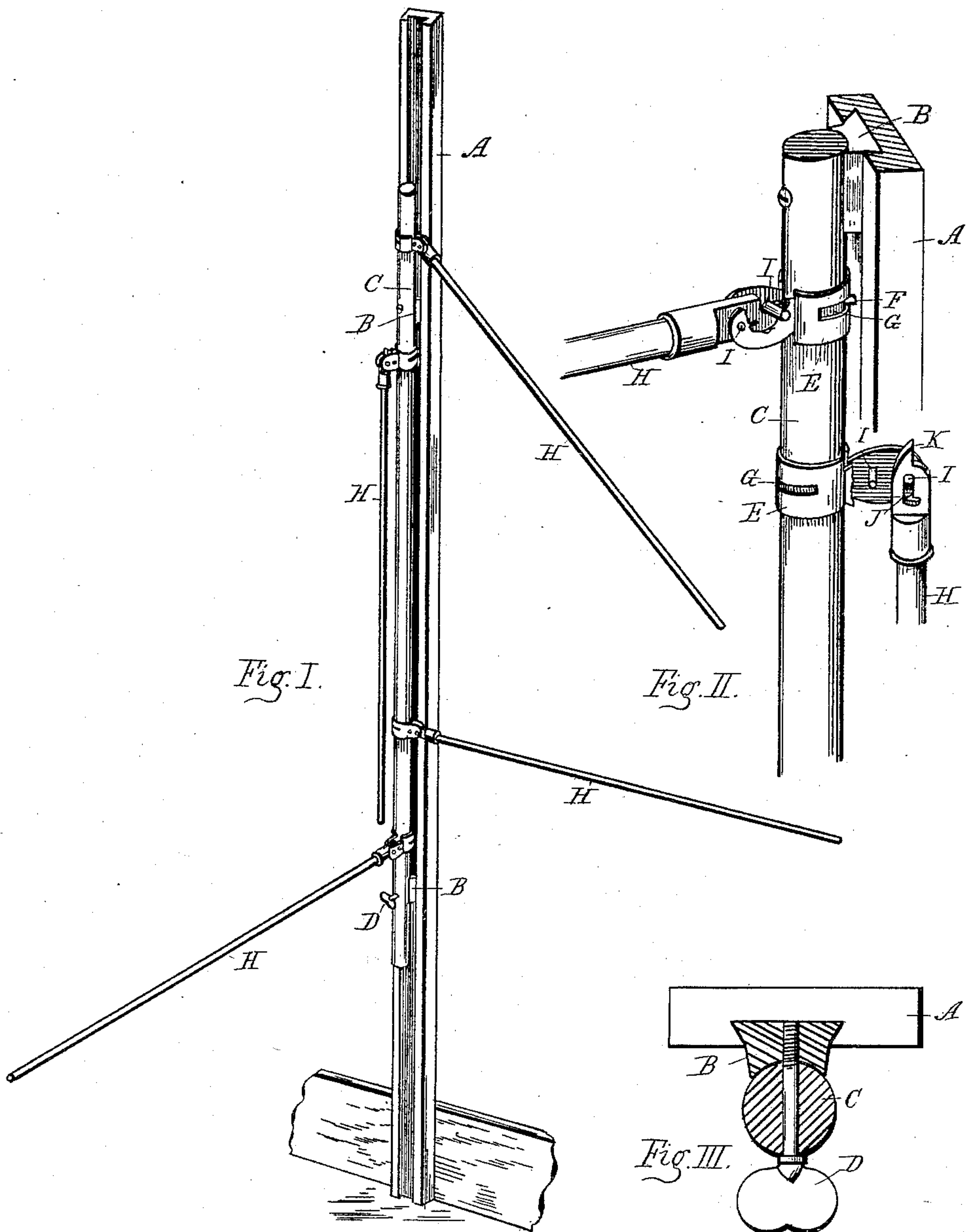


(No Model.)

R. N. REED & F. BUOB.  
CLOTHES DRIER.

No. 473,781.

Patented Apr. 26, 1892.



Witnesses

Robert Kirk  
R. S. Millar

Inventors

R. N. Reed  
Fred. Buob.  
By O. J. Bailey, Atty.

# UNITED STATES PATENT OFFICE.

ROBERT N. REED, OF COVINGTON, KENTUCKY, AND FREDERICK BUOB, OF CINCINNATI, OHIO; SAID BUOB ASSIGNOR TO E. P. CHRISTIAN, OF CINCINNATI, OHIO.

## CLOTHES-DRIER.

SPECIFICATION forming part of Letters Patent No. 473,781, dated April 26, 1892.

Application filed June 9, 1891. Serial No. 395,735. (No model.)

*To all whom it may concern:*

Be it known that we, ROBERT N. REED, of Covington, in the county of Kenton and State of Kentucky, and FREDERICK BUOB, of Cincinnati, in the county of Hamilton and State of Ohio, have invented a new and useful Improvement in Clothes-Driers, which improvement is fully set forth in the following specification and accompanying drawings, in which—

Figure I is a general perspective view of our improved clothes-drier; Fig. II, a detail view showing the collars and their attachments; and Fig. III, a transverse section of the standard, the dovetailed slide, and the thumb-screw by which the standard is vertically adjusted.

Our invention relates to improvements in laundry apparatus; and its object is to provide a simple, convenient, and economical clothes-drier especially adapted for household use and so constructed that when not in operation it may be easily and compactly folded and occupy no appreciable space.

Referring to the accompanying drawings, A indicates a strip of plank, which is suitably attached to a wall, preferably near a stove or furnace. The outer surface of the strip is provided with an undercut central groove engaging the dovetailed slides B, which are attached to the standard C. The lower of these slides is threaded and engages a thumb-screw D, which passes through the bar C and bears against the bottom of the groove in the wall-strip A. By this means the standard may be vertically adjusted as desired. The standard is provided at intervals with a series of collars E, which are adapted to turn freely thereon and are retained in position by studs F, which engage the transverse slots G. The ends of the collars are bent outwardly and form jaws or clasps for a series of adjustable arms H. The said jaws are connected by rivets I, the outer one of which engages an angular slot J in the arm H. When the arm is

raised to a horizontal position, the horn K is thrust under the inner rivet. The outer rivet then occupies the upper end of the angular slot. The arm is thus secure against accidental displacement and cannot be disengaged, except by raising its outer end sufficiently to allow the outer rivet to pass into the horizontal section of the slot, so that the horn may be withdrawn from under the inner rivet. It will be observed that by means of the adjusting-screw the arms may be brought down within convenient reach, so that the clothing may be easily arranged thereon and then raised and exposed to the warmer air, which accumulates in the upper part of the room. The arms being capable of adjustment at any angle within the limits of a half-circle, it is evident that any desired number may be attached to the bar or standard without interfering materially one with the other.

What we claim as new is—

1. A clothes-drier consisting of the standard vertically adjustable in the grooved strip A, combined with the rotatable collars turning freely on said standard, the ends of each of said collars being bent outward and connected by rivets and the arms slotted and having a horn K, as described.

2. In a clothes-drier, the wall-strip A, having a central undercut groove, the slides B, and adjusting-screw D, in combination with the standard, the rotatable collar encircling the standard, and the adjustable arms having angular slots and terminal projections adapted to engage said collars, substantially as herein set forth.

In testimony that we claim the foregoing we have hereunto set our hands, this 4th day of June, 1891, in the presence of witnesses.

ROBT. N. REED.  
FRDK. BUOB.

Witnesses:

R. S. MILLAR,  
L. M. ADAMS.