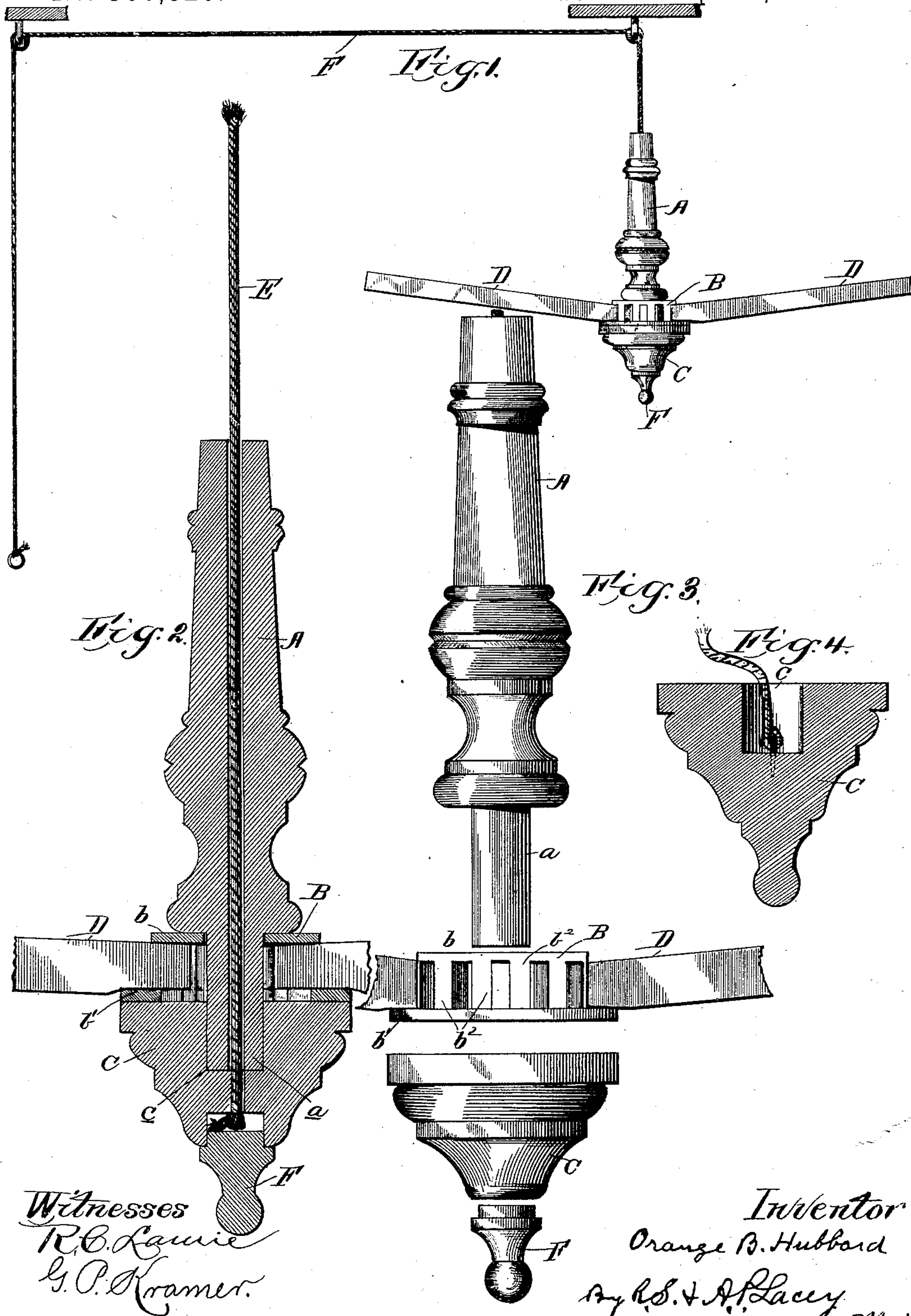


(No Model.)

O. B. HUBBARD.
CLOTHES DRIER.

No. 360,526.

Patented Apr. 5, 1887.



Witnesses
R. B. Laurie
G. P. Kramer.

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UNITED STATES PATENT OFFICE.

ORANGE B. HUBBARD, OF LOWELL, MASSACHUSETTS.

CLOTHES-DRIER.

SPECIFICATION forming part of Letters Patent No. 360,526, dated April 5, 1887.

Application filed July 8, 1886. Serial No. 207,410. (No model.)

To all whom it may concern:

Be it known that I, ORANGE B. HUBBARD, a citizen of the United States, residing at Lowell, in the county of Middlesex and State of Massachusetts, have invented certain new and useful Improvements in Clothes-Driers; 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.

My invention relates to clothes-driers; and it consists in the novel features more fully hereinafter set forth and claimed.

In the drawings, Figure 1 is a side view of the device ready for use. Fig. 2 is a vertical central section on a larger scale. Fig. 3 is a side view showing the parts detached, and Fig. 4 is a modification.

The device comprises a support, A, hub B, foot or rest C, and arms D.

The support may be of any desired length and of any suitable ornamental configuration. It terminates in a spindle, *a*, on which the hub is mounted and free to rotate. The spindle projects through the hub and extends some distance within the foot C, which has a recess, *c*, for its reception. The support and foot are each provided with an opening or bore, which registers and through which a cord or rope, E, is passed, as shown. The lower end of the rope is knotted, thereby preventing its withdrawal, as will be readily understood. The lower end of the foot is recessed to receive the cap or plug F, which covers the knotted end of the cord or rope and gives a finished appearance. The plug may be one with the foot, as shown in Fig. 4, in which case the rope is fastened to the foot in any known way.

The hub B is composed of upper and lower rings, *b b'*, respectively, united by ribs *b²*, spaced at intervals apart, between which the arms D are inserted and held. The rings and ribs are made in one casting. The lower ring is the larger, to give a better purchase for the arms.

In practice the hub is placed upon the spindle of the support, and the foot having the rope secured thereto is fitted to the projecting end of the spindle. The hub is free to rotate upon the spindle, and is held in place by the foot, upon which it rests. By having the rope secured to the foot and passed through the support the parts are held together, as will be readily understood, and by reason of the length of the support it acts as a leverage, and prevents the tipping of the device when the arms are unevenly weighted by the clothes. The rope is designed to be passed over pulleys in the ceiling, and the free end extend within convenient reach for raising or lowering the device.

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

The combination of the support having a bore extending therethrough, and having its end terminating in a spindle, the hub mounted upon the spindle, which spindle projects through the hub, the arms secured to the hub, the foot piece mounted upon the projecting end of the spindle, and the rope secured to the foot-piece and passing loosely through the support, substantially as and for the purpose set forth.

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

ORANGE B. HUBBARD.

Witnesses:

BENJAMIN FLETCHER,
HERBERT T. STAPLES.