

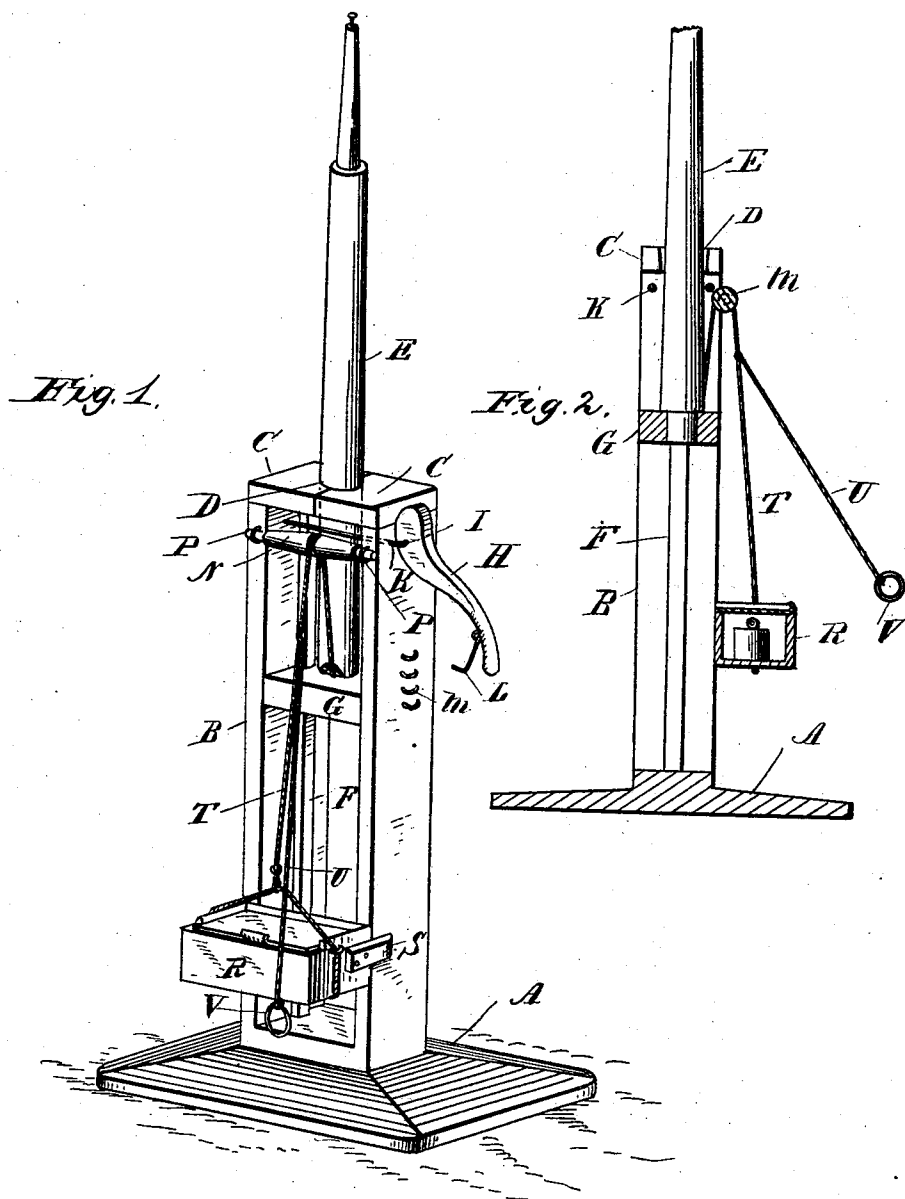
(Model.)

A. HIPPCHEN.

CLOTHES DRIER.

No. 253,383.

Patented Feb. 7, 1882.



WITNESSES
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UNITED STATES PATENT OFFICE.

ANTHONY HIPPCHEN, OF MINNEAPOLIS, MINNESOTA.

CLOTHES-DRIER.

SPECIFICATION forming part of Letters Patent No. 253,383, dated February 7, 1882.

Application filed September 8, 1881. (Model.)

To all whom it may concern:

Be it known that I, ANTHONY HIPPCHEN, of Minneapolis, in the county of Hennepin, and in the State of Minnesota, have invented certain new and useful Improvements in Clothes-Driers; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

This invention relates to certain improvements in clothes-driers; and it has for its objects to provide a means whereby the upright pole or standard supporting the reel which carries the lines upon which the clothes are hung may be conveniently elevated or depressed and supported in any desired position, as more fully hereinafter specified. These objects I attain by the apparatus illustrated in the accompanying drawings, in which—

Figure 1 represents a perspective view of my improved drier, and Fig. 2 a vertical sectional view of the same.

The letter A indicates the base of the apparatus, carrying two upright parallel standards, B, which are provided with transverse heads C at the top, having semicircular recesses D at their adjoining edges, which embrace the upright standard E, which supports the reel. The inner sides of the said standards are provided with guides or ways F, and between said standards, and adapted to travel vertically on the ways, is located a block, G, recessed at opposite sides to fit said ways or guides. To the lower end of said block is secured the lower end of the standard, so that it will be moved up and down with said block.

The letter H indicates a cam, which is pivoted at I to a strap, K, passing through the upper part of each standard in such manner that the standards may be brought together so as to bear against the sides of the standard E and

the block G, and thus securely fasten the said standard E in any desired position. The cam is provided with a hooked link, L, which is adapted to engage one of a series of staples, M, to hold the standards together when properly clamped.

The letter N indicates a grooved roller having its bearings journaled at P in the upper part of the standards B.

The letter R indicates a box having a sliding top, and provided at the sides with lugs S, which embrace the outer sides of the standards B. The said box is connected to the block G or lower portion of the standard E by means of a rope, T, passing over the groove in the roller N, the box being designed to contain weights to counterbalance the standard E, its reel, and the clothes thereon.

The letter U indicates a rope secured to the rope T, and provided with a ring, V, by means of which the standard E may be elevated. The said standard is depressed by removing one or more weights from the box, allowing it to fall by gravity. The reel or roller, instead of being journaled between the standards B, may be located upon the top of the same, being supported in suitable bearings or boxes secured thereto.

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

In combination with the upright standards, the reel-supporting standard and block, the strap passing through the upright standards, and the cam for clamping the same, substantially as specified.

In testimony whereof I affix my signature, in presence of two witnesses, this 31st day of 80 August, 1881.

ANTHONY HIPPCHEN.

Witnesses:

GEORGE N. CULVER,
FRANK H. HARVEY.