

(No Model.)

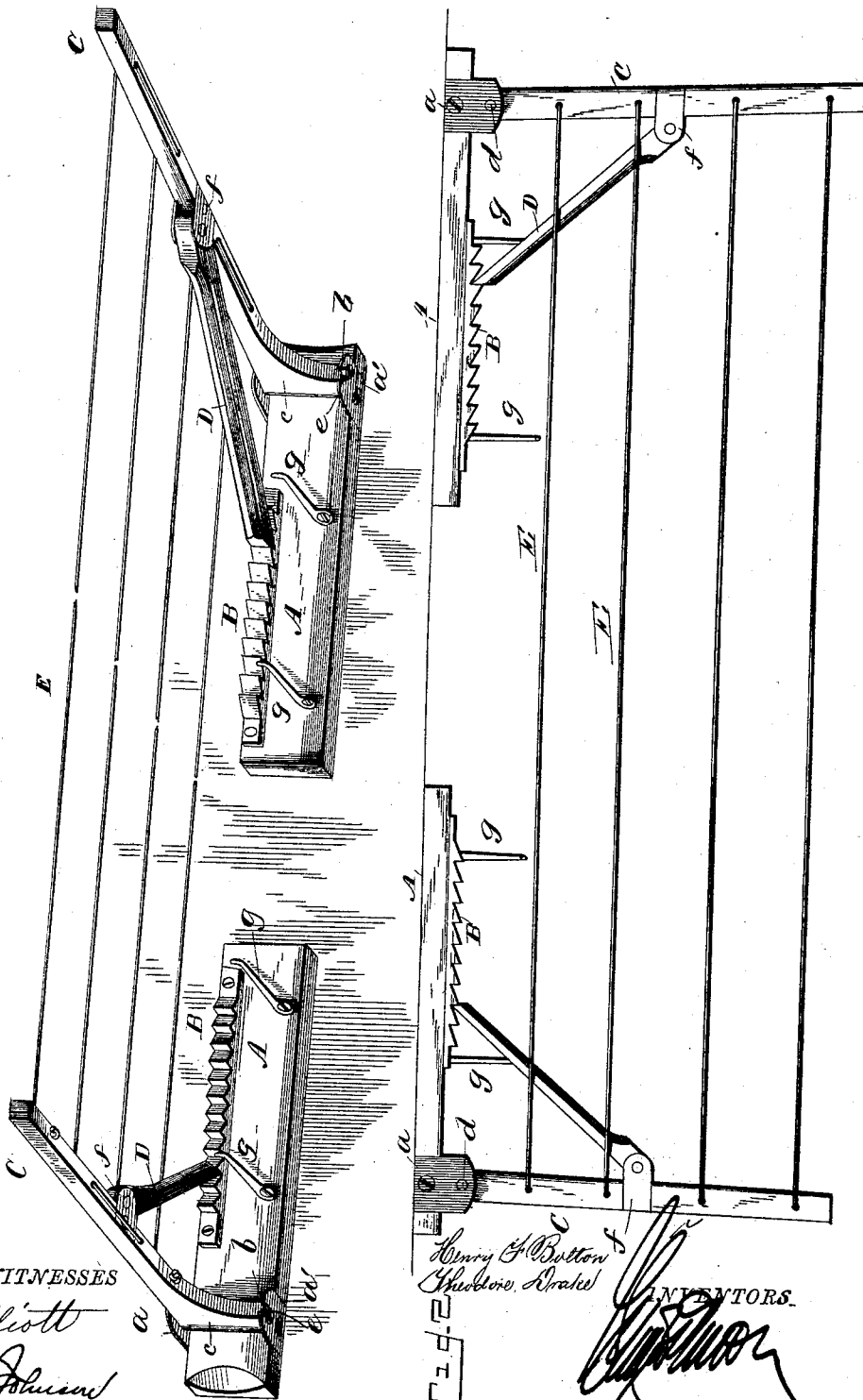
H. F. BOLTON & T. DRAKE.

CLOTHES DRIER.

No. 348,882.

Patented Sept. 7, 1886.

Fig. 2.



WITNESSES

J. S. Elliott
A. Johnson

Henry F. Bolton
Thomas Drake

INVENTORS.

[Signature]
Attorney

UNITED STATES PATENT OFFICE.

HENRY F. BOLTON AND THEODORE DRAKE, OF DOW CITY, IOWA.

CLOTHES-DRIER.

SPECIFICATION forming part of Letters Patent No. 348,882, dated September 7, 1886.

Application filed April 1, 1886. Serial No. 197,457. (No model.)

To all whom it may concern:

Be it known that we, HENRY F. BOLTON and THEODORE DRAKE, citizens of the United States of America, residing at Dow City, in the county of Crawford and State of Iowa, have invented certain new and useful Improvements in Clothes-Driers; and we do hereby 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 letters or figures of reference marked thereon, which form a part of this specification.

Our invention relates to clothes-driers; and consists in the improvements hereinafter described and set forth, whereby a drier is provided that may be readily adjusted for use upon a wall and quickly removed therefrom when necessary.

In the accompanying drawings, forming part of this specification, Figure 1 is a perspective view of a clothes-drier; and Fig. 2 a plan view of the construction shown in Fig. 1.

A represents two wooden plates, which are secured to the wall in a horizontal position, as illustrated, and each of which has near its outer end, on its upper and lower sides, metallic ears or brackets *aa'*. The upper bracket, *a*, is provided with a perforation, while the lower ear has a key-slot, *b*.

B refers to a rack-bar which is secured upon each of the plates A A, and has its teeth inclined in the direction of the outer end of each plate.

C refers to a bar which terminates at one end in an angular portion, *c*, provided on its upper side with a pin, *d*, while its lower portion is provided with a headed pin, *e*. The bracket or ears *ff* are secured to the arm, as shown most clearly in Fig. 1, to form a pivot-

bearing for the arm D, the end of which is beveled, so as to engage and bear against the teeth of the rack B.

In operation, the line or lines E being secured to the bars C, the pin *d* of each bar D is inserted in the perforation in the bracket *a*, and the lower headed pin *e* is passed into the slot *b* in the plate *a'*, and then, by spreading the bars C C, the lines E are drawn perfectly taut, in which adjusted position they are rigidly held by causing the arms D to engage the teeth of the respective rack-bars B. When not in use, the bars C, together with the lines E and arms D, may all be removed from the plates A, which latter, by reason of the hooks *g*, may be readily utilized for clothes-hangers.

By reference to Fig. 1 it will be noted that a continuous line is used, which is passed or laced in the bars C. By this means it will only be necessary to draw on one end of the line until the approximate length is secured, after which the bars C may be spread to rigidly draw the same.

It will be obvious that the device is extremely simple, cheap, and serviceable.

We claim—

In a clothes-drier, the plates A A, having rack-bars B B and brackets *aa'* attached thereto, in combination, with the pivoted removable bars C and bars D D, carried thereby, so as to engage with the rack-bar, and lines E, attached to each of the arms C, substantially as shown, and for the purpose set forth.

In testimony whereof we affix our signatures in presence of two witnesses.

HENRY F. BOLTON.
THEODORE DRAKE.

Witnesses:

ABEL H. RUDD,
LYMAN B. HIGLY.