

J. H. Durand,

Clothes Frame,

N^o 31,013.

Patented Jan. 1, 1861.

Fig 1

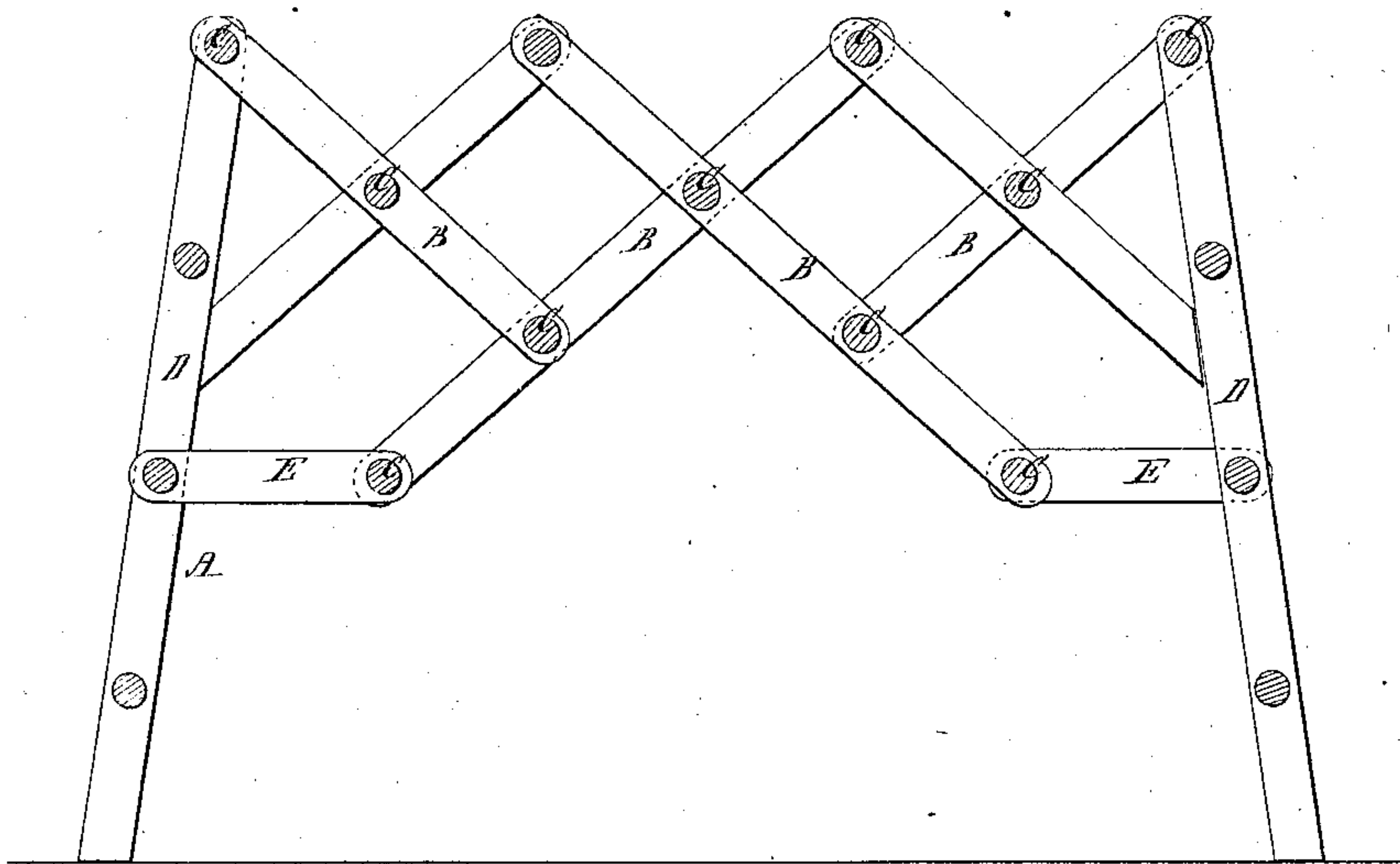
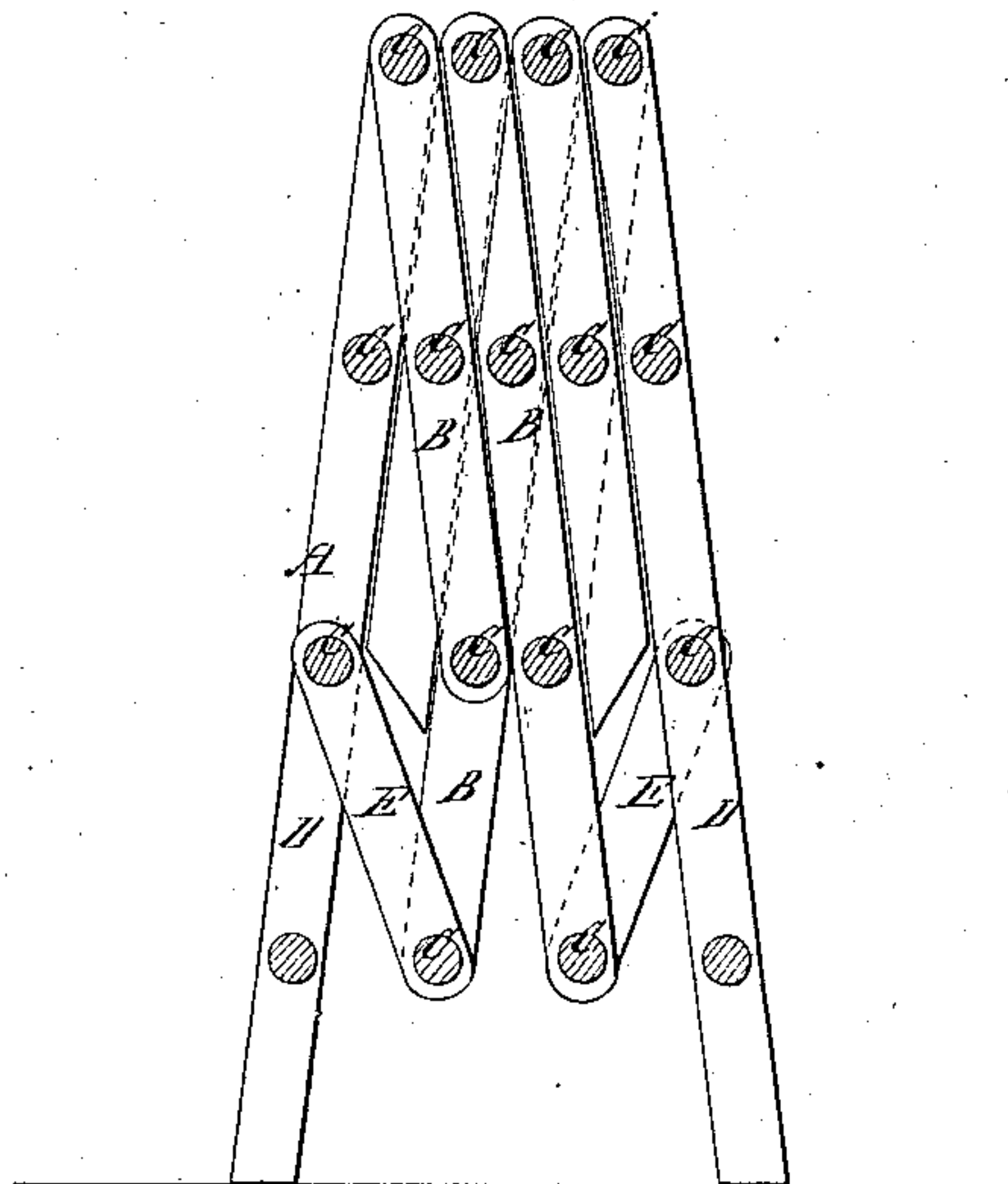


Fig 2



Witnesses
W. C. Coombs
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UNITED STATES PATENT OFFICE.

JOHN H. DURAND, OF NILES, MICHIGAN.

CLOTHES-DRIER.

Specification of Letters Patent No. 31,013, dated January 1, 1861.

To all whom it may concern:

Be it known that I, JOHN H. DURAND, of Niles, in the county of Berrien and State of Michigan, have invented a new and Improved Clothes-Drier; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 represents a longitudinal vertical section of my invention when expanded to its full length. Fig. 2 is a similar section of the same when contracted.

Similar letters of reference in both views indicate corresponding parts.

With a good clothes drier it is essential that it be so arranged that it can be used in the house where the space is limited, or in the open air where the space is, comparatively speaking, unlimited. It must therefore be so constructed that it can be expanded or contracted at pleasure, and that it can be used equally well whether expanded to its full length or when expanded only partially. Its legs have to be made so that it will stand firm, under all circumstances, and so that it will not be blown over when a wind springs up; and it is also very desirable to have the rails, which support the clothes, arranged in such a manner that the same do not rise or fall materially when the clothes-drier is expanded or contracted and that when the same is used in the open air, and a sudden storm makes it desirable to take in the clothes, this can be done by simply contracting the clothes-drier without danger of soiling the clothes.

To enable those skilled in the art to make and use my invention I will proceed to describe it with reference to the drawing.

The clothes-drier A, consists of a series of slats B, which are hinged together somewhat

on the principle of lazy tongs by means of cross rails C. The last upper pair of the slats B, are connected to the legs D, and small links E, are interposed between said legs, and the last lower pair of the slats B, whereby the legs are thrown in an outwardly inclined position as clearly shown in Fig. 1, of the drawing. The rails C, serve to support the clothes to be dried, and it will be observed that the clothes-drier can be expanded or contracted without materially raising or lowering said rods, and in expanding or contracting the same its legs are continually kept in an inclined position. My clothes drier therefore can be used with equal advantage when expanded to its full length or when only partially expanded; it will stand firm in all cases, and when it is desired to take the drier with the clothes from the open air into the house this can be done by contracting it without danger of soiling the clothes.

It is obvious that by adding more sections the capacity of my clothes-drier can be increased, and when it is not used it can be contracted and stored away in a small space.

The device is strong, cheap and durable and the arrangement of the slats B, is such that the rails C, are enabled to support a pretty heavy weight, and that a large quantity of clothes can be hung up on the same without danger.

What I claim as new, and desire to secure by Letters Patent, is:—

A clothes-drier A, consisting of a series of slats B, connected by cross-rails C, in combination with the links E, and legs D; all arranged and operating in the manner and for the purpose set forth.

JOHN H. DURAND.

Witnesses:

WILLARD MOORE,
EZRA DURAND.