

G. A. BROOKS.  
CLOTHES-DRIER.

No. 169,517.

Patented Nov. 2, 1875.

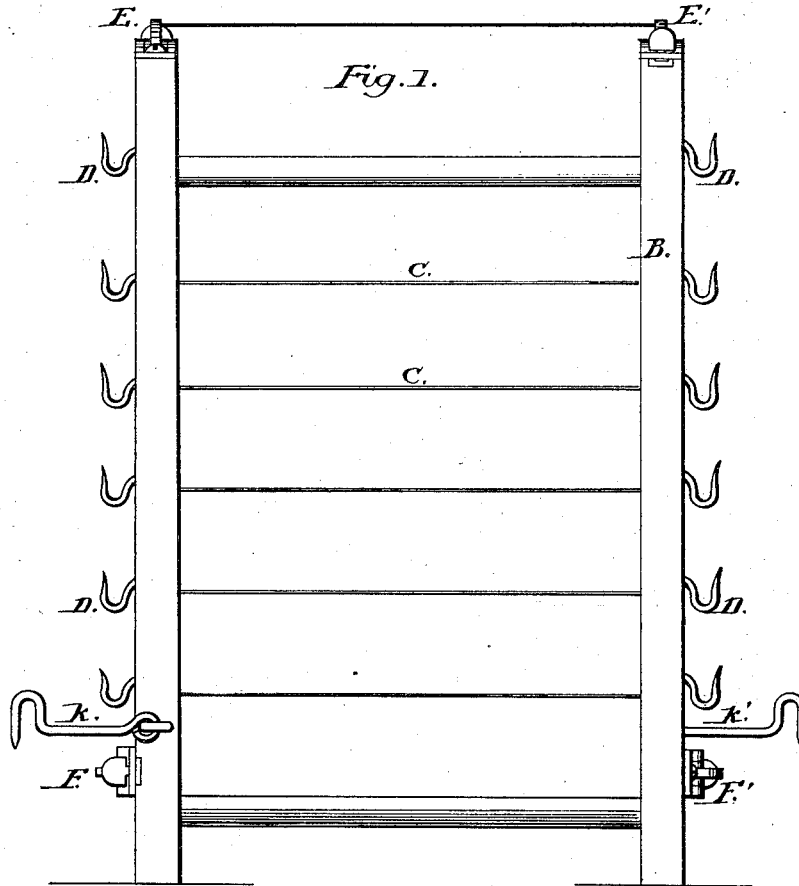
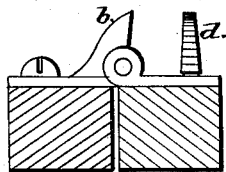


Fig. 4.



Witnesses:  
Allen Toumey,  
Lucius Brown-

Inventor:  
Geo. A. Brooks

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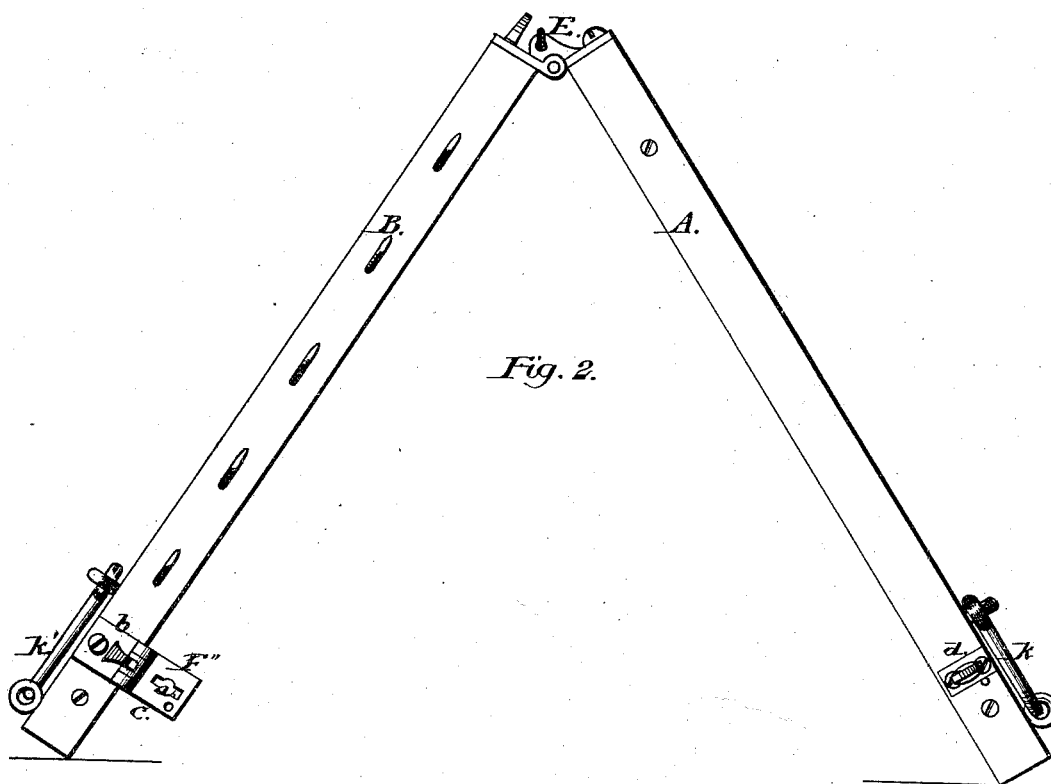
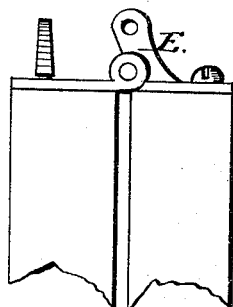


Fig. 2.

Fig. 3.



Witnesses:

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Lucius Brown

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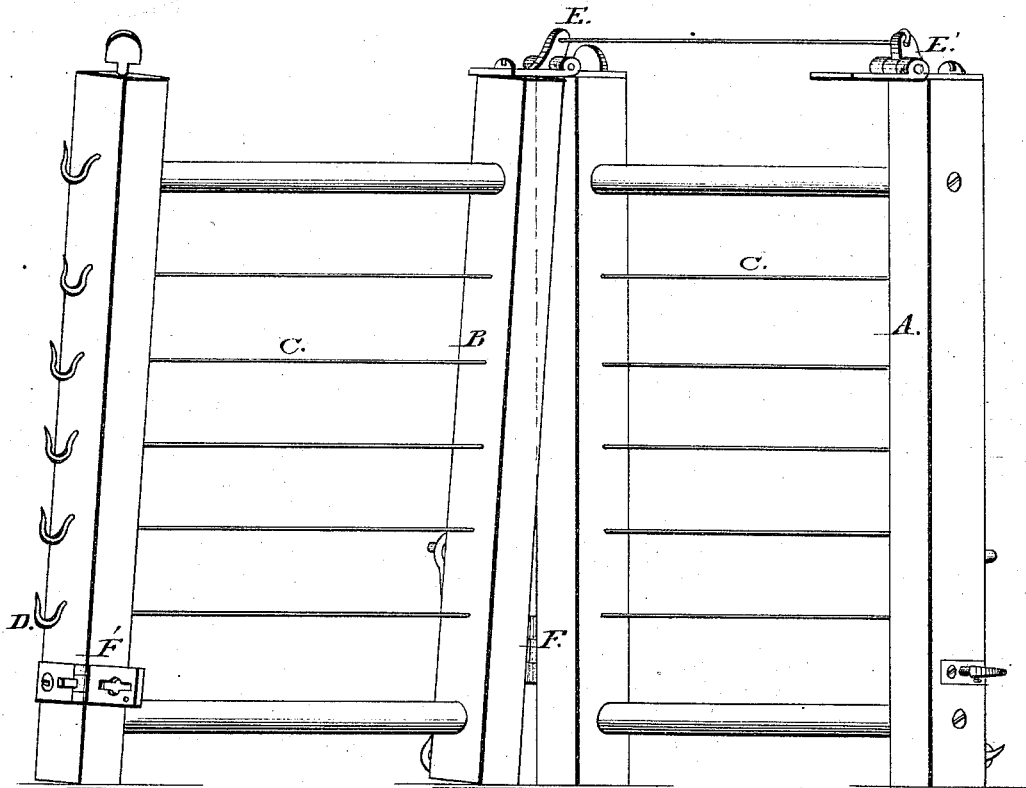
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*Fig. 5.*



*Witnesses:*  
*Allen Finney,*  
*Lucius Brown-*

*Inventor:*  
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# UNITED STATES PATENT OFFICE.

GEORGE A. BROOKS, OF NORWICH, CONNECTICUT.

## IMPROVEMENT IN CLOTHES-DRIERS.

Specification forming part of Letters Patent No. 169,517, dated November 2, 1875; application filed October 26, 1875.

*To all whom it may concern:*

Be it known that I, GEORGE A. BROOKS, of the city of Norwich, in the county of New London and State of Connecticut, have invented a new and useful Improvement in Clothes-Driers; and I do hereby declare that the following is a full, clear, and exact description of the same, which will enable others skilled in the art to which it pertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

The nature of the invention consists in so arranging the various stop-hinges upon a clothes-drier of the kind shown in Patent No. 160,980, March 16, 1875, as that it can be changed from the form usually used out-of-doors to the form used in-doors without lifting any part of it from the ground, and in using stop-hinges which will not allow the drier to spread open beyond a certain point.

In the annexed drawings, Figure 1, Sheet 1, is a front elevation as it appears when opened out in shape to be used out-of-doors. Fig. 2, Sheet 2, is an end view of the same. Fig. 5, Sheet 3, is an elevation of the drier when opened after the manner of an ordinary clothes-drier for in-door use. Fig. 4, Sheet 1, is a view of the stop-hinge detached. Fig. 3, Sheet 2, is top view of hinge with the stop perforated for securing the wire therein.

The rack is made up of two rectangular frames, A B, made up of two parallel side pieces, connected by cross-bars. Each frame has a series of wire cords, C C, extending from side to side, and terminating in a series of hooks, D D, upon the outside of the uprights. The two frames are connected together at the top by stop-hinges E E, and at the bottom the frames are provided with the same kind of stop-hinges, placed a little distance above the rods upon the side faces of the upright.

My stop-hinge, as seen in Fig. 2 of Sheet 2 of drawings, has a slot, *a*, a stop, *b*, against which the leaf *c* impinges, and prevents the hinge from opening beyond a certain point. A turn-button, *d*, upon the opposite post, passes through the slot *a*, and is then turned, so as to key the two parts together.

When it is desired to open the drier from the bottom, as seen in Fig. 2, the two side hinges F and F' are unkeyed and separated. When it is desired to change from this form to the one usually used in-doors, and shown in Fig. 5, then one top hinge is separated, and one side hinge connected, as seen in Fig. 5, when the top hinge E is keyed up by the turn-button, and the hinge E' opened, and also the side hinge F connected and F' disconnected. The two hooks *k k* are for securing the frame more securely, in case of heavy winds, to a stub driven into the ground with a staple attached to same.

I am well aware that in the Patent No. 160,980 the same changes of form of drier can be made; but in order to make the change one post must be lifted from the ground, which is exceedingly inconvenient and objectionable. Again, in patent alluded to, if the hooks connecting the two parts when opened for outdoor use happen to unfasten the affair topples over, and throws the clothes in the dirt. When in use in-doors, my drier, by means of the peculiarly-arranged stop-hinges cannot be accidentally opened wide enough to throw it over. These improvements of mine are believed to remove the objectionable features, and greatly improve the drier alluded to.

I do not claim, broadly, the two frames with connecting devices, whereby the frames may be opened from one side or from the bottom, as this is old; and I am aware that stop-hinges are old; but

What I do claim as my invention is—

1. The arrangement, with the frame A B, of the slotted stop-hinges E E' upon the top, and the side stop-hinges F F', all with their respective turn-buttons or keys, as and for the purpose set forth.

2. As a means of connecting the parts of a clothes-drier, the stop-hinge with its slot *a*, stop *b*, and turn-button or key *d*, all as and for the purposes set forth.

GEO. A. BROOKS.

Witnesses:

ALLEN TENNY,  
LUCIUS BROWN.