

(No Model.)

G. W. ROGERS.
Clothes-Drier.

No. 227,385.

Patented May 11, 1880.

FIG. 1.

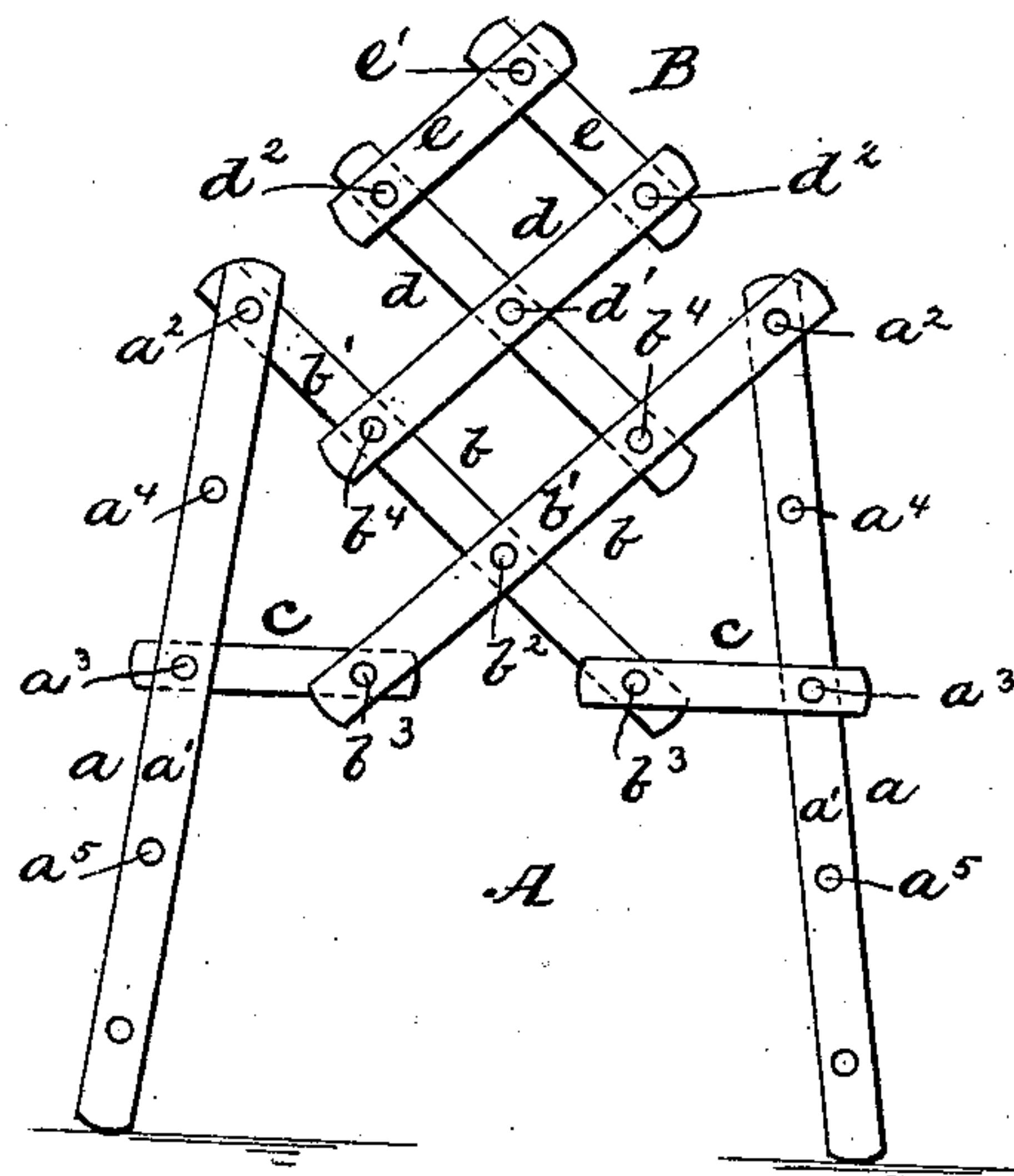


FIG. 2.

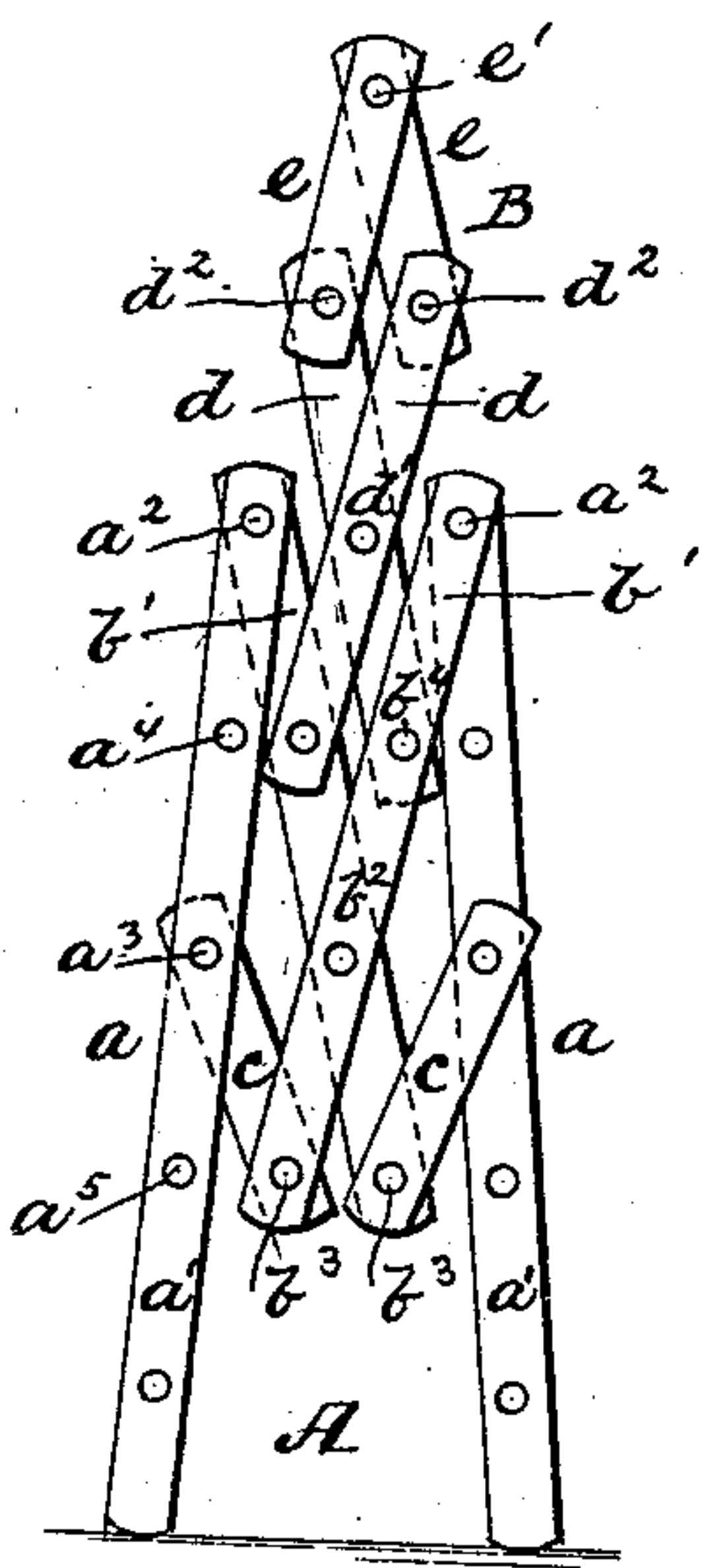
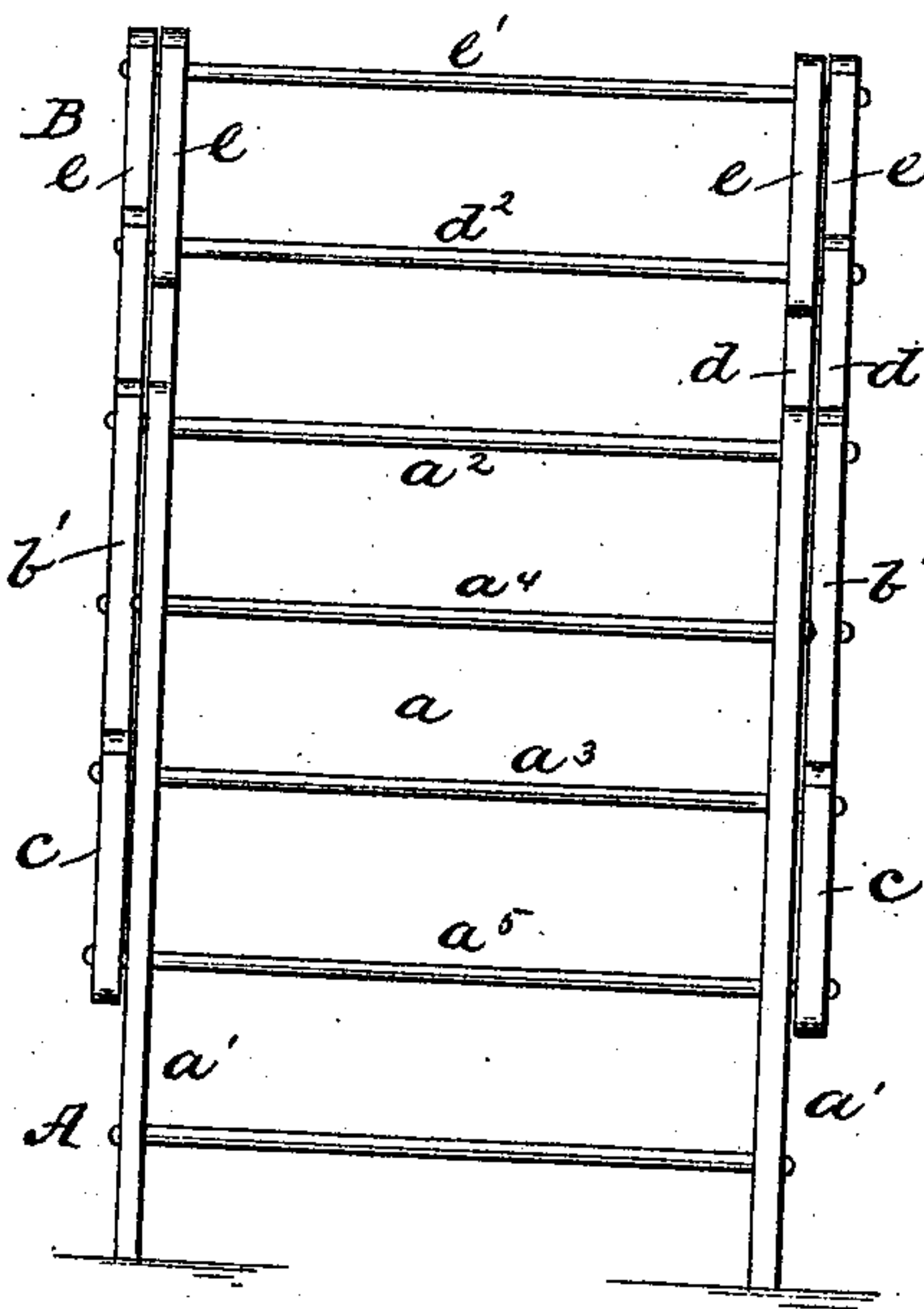


FIG. 3.



Witnesses:

Clement M. Sites

M. M. Lacey

Inventor:

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By R. S. & A. Lacey

Attys:

UNITED STATES PATENT OFFICE.

GEORGE W. ROGERS, OF ROME CITY, INDIANA.

CLOTHES-DRIER.

SPECIFICATION forming part of Letters Patent No. 227,385, dated May 11, 1880.

Application filed March 9, 1880. (No model.)

To all whom it may concern:

Be it known that I, GEORGE W. ROGERS, a citizen of the United States, residing at Rome City, in the county of Noble and State of Indiana, have invented certain new and useful Improvements in Clothes-Driers; and I 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 of reference marked thereon, which form a part of this specification.

This invention relates to that class of clothes-driers which are employed in the house or laundry, and which, after being used, may be folded and set off at one side of the room out of the way.

It consists in a main rack and in a supplemental or secondary rack mounted on the main rack, and the two relatively constructed and united so that they fold together or open at the same time. When closed or folded the device will stand alone, and may be set near the wall of the laundry, and the several horizontal tiers of rounds or bars will form shelves on which the folded clothes or other articles may be laid.

In the drawings, Figure 1 is an end elevation of the device opened or unfolded. Fig. 2 is an end elevation, showing the device folded; and Fig. 3 is a side elevation of the folded device, showing the position of the several rounds as they come together in horizontal rows and form shelves.

A is the main rack, which rests on the floor, and B is the supplemental or secondary rack, which is mounted on the main rack.

The main rack is composed of two side frames, a a , the inner frames, b b , and the locking-bars c c . The end or vertical bars, a' , of the side frame, a , are united by the rounds or horizontal bars a^2 a^3 a^4 a^5 , forming staunch hurdle-frames, as shown. The number of rounds in one of the side frames corresponds to the number in the other, and they are arranged immediately opposite to each other, as shown. The upper ends of the side bars, b' b' , of the inner frames, b , are pivoted on the rounds a^2 , while their inner ends are extended downward and

crossed, and are pivoted together at b^2 , and to the inner ends of the locking-bars c c , as shown. The outer ends of the bars c c are pivoted on the rounds a^3 in the side frames, a . The rounds b^2 b^3 b^4 in the frames b are so arranged that when the device is folded they will be respectively in the same horizontal plane with the rounds a^3 a^5 a^4 in the side frames, a , as shown in Fig. 2.

The supplemental rack B is mounted on the main rack A, and it is composed of two frames, d d , which are crossed and pivoted together by the round d' , while their lower ends are pivoted on the rounds b^4 b^4 of the inner frames, b . The frames d d are so arranged that the round d' will be in the same horizontal plane with the rounds a^2 a^2 when the device is folded, as is shown in Fig. 2. In the outer ends of the frames d , I place the additional rounds d^2 d^2 , which are also arranged to come together in the same horizontal plane, as shown.

To provide an additional round I employ the top bars, e e , which are pivoted on the rounds d^2 d^2 in the outer ends of the frames d d , and have their upper ends united by the additional round e' .

It will be seen that the device, when constructed as described, can be folded or unfolded at pleasure, both racks opening or closing at the same time.

When the device is unfolded, as shown in Fig. 1, the bars c c will lock the frames in the open position shown, so that they cannot be closed by any accidental force applied to them.

The side frames, a a , open and form a wide base, which gives steadiness to the position of the rack.

When folded the rack will stand alone, and the rounds will come together in the same horizontal plane, as shown in Fig. 3, and form a shelf on which folded clothes and other articles may be laid.

It will be seen that the main rack A, when made as described, will operate without having the supplemental rack B mounted on it, and that the rounds a^4 b^4 a^3 b^2 and a^5 b^3 will come together, as hereinbefore explained.

The supplemental rack B provides additional rounds on which to hang clothing, and also operates simultaneously with the rack A,

and completes two additional shelves by the insertion of the rounds d' and $a^2 a^2$, as shown.

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

1. The rack A, composed of the side frames, $a a$, provided with the rounds $a^2 a^3 a^4 a^5$, the inner frames, $b b$, provided with the rounds $b^2 b^3 b^4$, and pivoted to the upper ends of the side frame, a , and extended downward and crossed and pivoted together on the round b^2 , the locking-bars $c c$, pivoted to the rounds a^3 in the side frames and to the rounds $b^3 b^3$ in lower ends of the inner frames, $b b$, and having the several rounds in the side frames, $a a$, and the inner frames, $b b$, arranged relatively to each other, substantially as and for the purposes set forth.

2. The combination, with the rack A, having the side frames, $a a$, provided with rounds

$a^2 a^4$, and the inner frames, $b b$, pivoted to the upper ends of the said side frames and crossed and pivoted together, and provided with rounds $b^4 b^4$, of the frames $d d$, forming a supplemental rack, B, having their end bars pivoted on the rounds $b^4 b^4$ in frames $b b$, and extended upward and crossed and pivoted together on a common round, d' , and having the rounds $d^2 d^2$ in their outer ends, bars e , and rounds e' , the several rounds being arranged relatively to each other, substantially as and for the purposes set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 3d day of March, 1880.

GEORGE W. ROGERS.

Witnesses:

WILLIAM LAWSON,
ENOS K. STRAWN.