

W. E. CAMERON.
FOLDING CHAIR.

No. 105,903.

Patented Aug. 2, 1870.

Fig. 1.

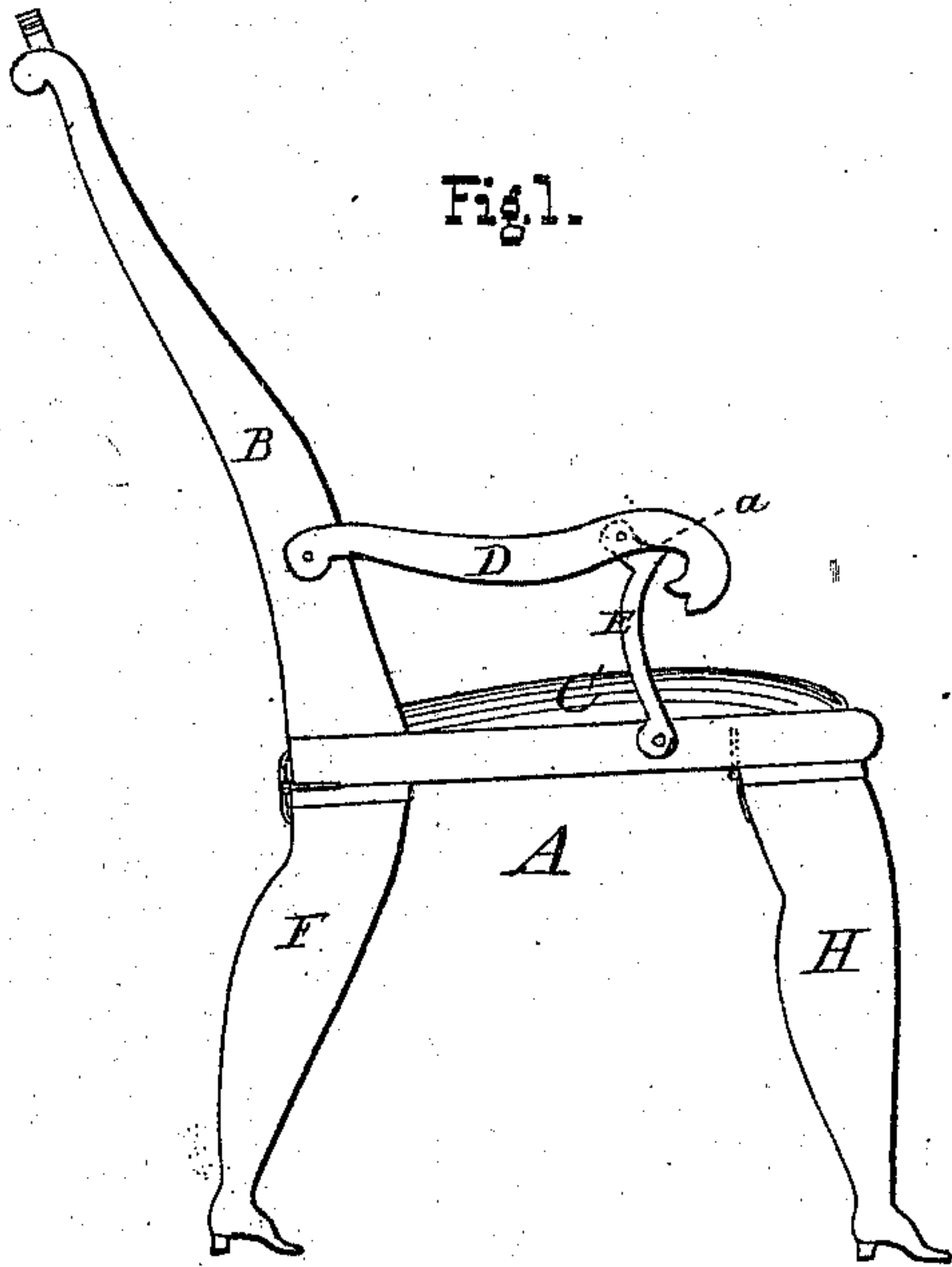


Fig. 2.

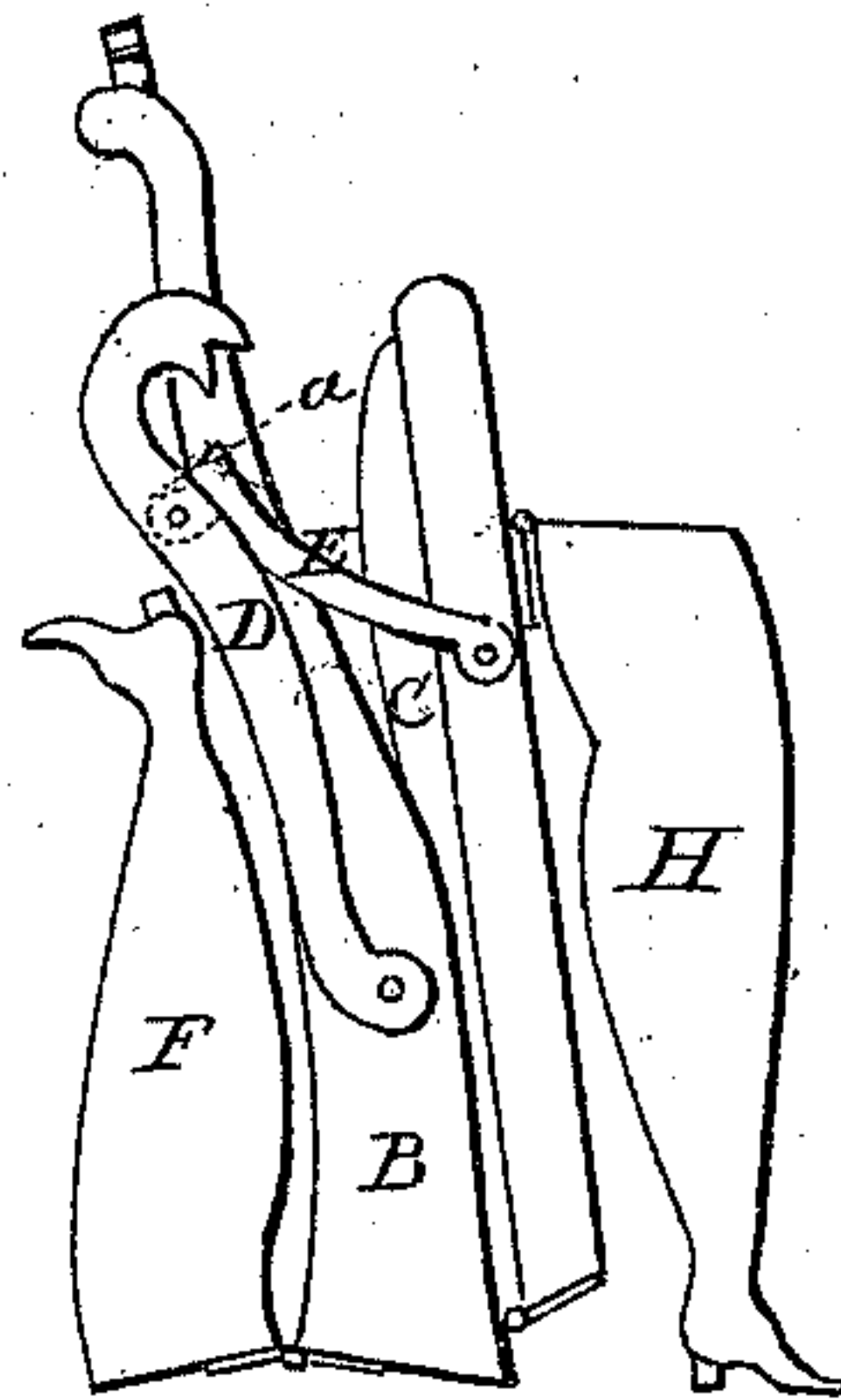


Fig. 3.

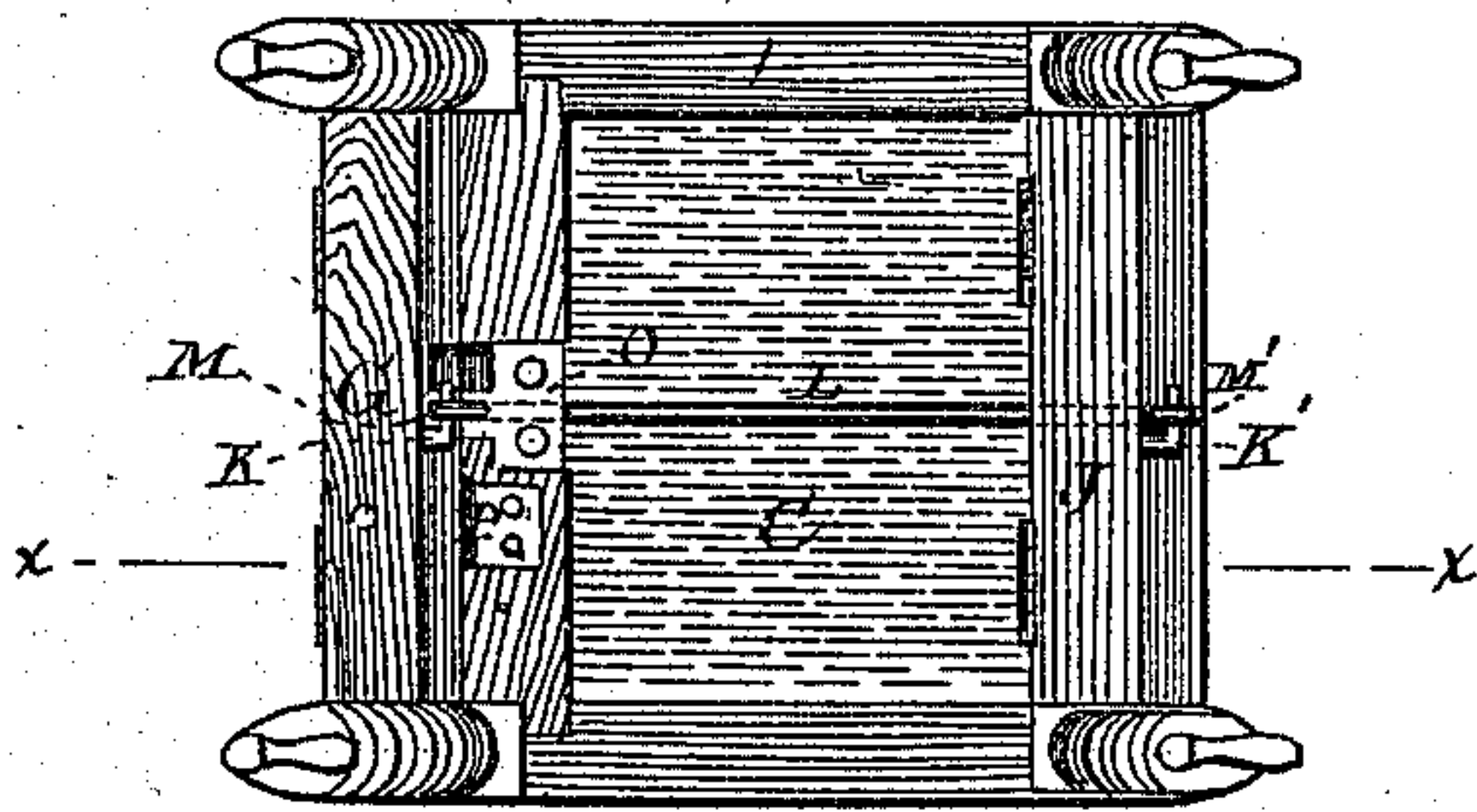
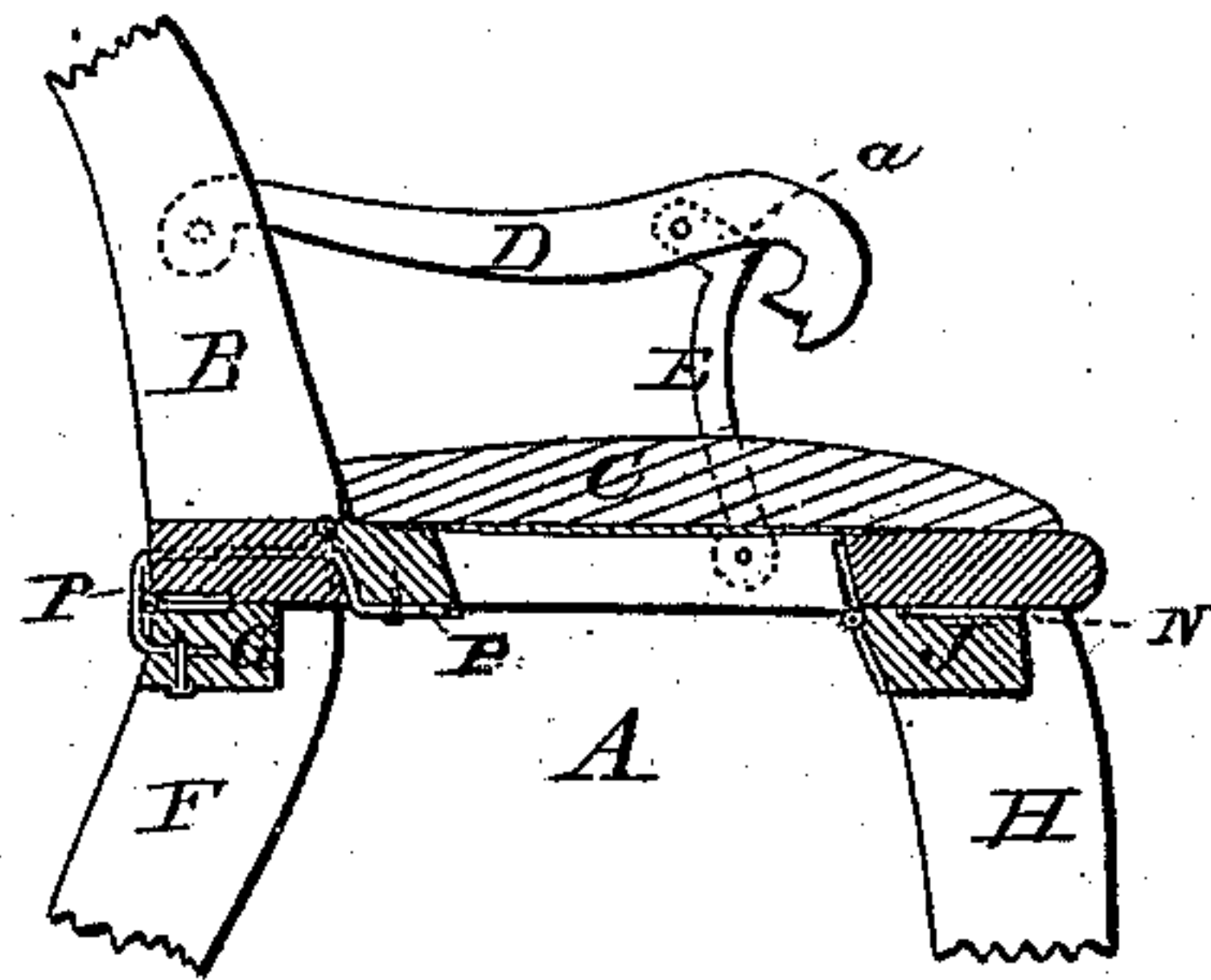


Fig. 4.



Witnesses.
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United States Patent Office.

WALTER E. CAMERON, OF TAUNTON, MASSACHUSETTS.

Letters Patent No. 105,903, dated August 2, 1870.

IMPROVEMENT IN FOLDING CHAIRS.

The Schedule referred to in these Letters Patent and making part of the same

To all whom it may concern:

Be it known that I, WALTER E. CAMERON, of Taunton, in the county of Bristol and in the State of Massachusetts, have invented certain new and useful Improvements in Folding Chairs; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing, and to the letters of reference marked thereon, in which drawing—

Figure 1 represents a side elevation of the chair, as arranged for use;

Figure 2, a side elevation as folded up;

Figure 3, a plan view of the bottom; and

Figure 4, a vertical section on the line $x x$ of fig. 3.

Letters of like kinds denote similar parts in each figure.

The object of my invention is a chair which shall be elegant in form, strong and durable in construction, and convenient in use, and yet capable of being folded into a small and compact compass, for purposes of packing and storage; and

The nature of the invention consists in the peculiar devices employed to effect the above named object, and in the arrangement of such devices.

In the drawing—

A represents the chair having a back, B, to the lower part of the front of which is hinged the seat C, which, in turn, is provided with the arms D, pivoted at their rear ends to the side pieces of the back B, and at their front ends to the standards E, the upper ends of which enter the respective arms, and the lower ends are pivoted upon the side pieces of the seat C.

The rear legs F of the chair are connected together by a rail, G, which is hinged upon the top to the lower side of the bottom rail of the back B.

The front legs H are connected together in like manner by a rail, J, which is hinged upon its rear to the rear side of the front rail of the seat C.

The center of the front of the rail G is provided with a stationary hook, K, and the rail J is provided in the same way with a similar hook, K'.

A lock-bar, L, extends longitudinally across the under side of the seat C, passing in suitable grooves in the front and rear rails of the same, and has at the front end a rectangular hook, M, and at the rear end a similar hook, M', so arranged that, when turned down, these hooks lock under the hooks K and K'.

A plate, N, secured to the under side of the front rail of the seat C, over the lock-bar, and near the hook M, and a plate, O, secured in like manner to the under side of the rear rail of the seat C, over the bar and near its hook, prevent said bar from longitudinal movement.

A strap, P, secured to the under side of the rear

rail of the seat C, and thence passing through the upper part of the bottom rail of the back B, and down into the rail G, is there fastened firmly.

These parts thus named constitute the material portions of the complete chair, and have no novelty in construction, except as hereinafter mentioned.

The standards E, of the form shown in figs. 1, 2, and 4, have a shoulder, α , which, when the chair is in position for use, rests against the under side of the arm D, and serves to brace and support said arm.

The hooks M, to the lock-bar L, extend outward and forward in similar corresponding planes, as do also the hooks K and K'. The hinges used are the ordinary door-bolts.

When the chair is in position for use, it is unlocked and folded up in the following manner:

The front hook M is turned by hand one-quarter turn to the left, which unlocks the lock-bar L from the hooks K and K'. The front of the seat C is then raised, and turned up against the back B. This movement of the seat also turns the rear legs F up against the rear side of the back B, by means of the draft upon the strap P, and pushes the arms D up in line with said back. At the same time the front legs H fall by their own weight against the under side of the seat C, and the whole chair is thus folded up at once into a portable and secure form, as shown in fig. 2.

Having thus set out the nature, description, and method of operation of my device,

What I claim as my invention therein, is—

1. The lock-bar L, provided with the hooks M and M', in combination with the hooks K and K', when constructed and arranged substantially as described and shown, and as and for the purposes set forth.

2. The strap P, in combination with the seat C and the legs F, when constructed and arranged substantially as described and shown, and as and for the purposes set forth.

3. The arrangement of the standard E, provided with the shoulders α , the arms D, the seat C, folding legs F H, and the back B, when constructed substantially as described and shown, and as and for the purposes set forth.

4. The arrangement of the back B, the seat C, the legs F and H, the rails G and J, and the strap P, when constructed substantially as described and shown, and as and for the purposes set forth.

In testimony that I claim the foregoing, I have hereunto set my hand this day of July, 1870.

WALTER E. CAMERON.

Witnesses:

G. EDGAR WILLIAMS,
HENRY F. COBB.