

No. 710,268.

Patented Sept. 30, 1902.

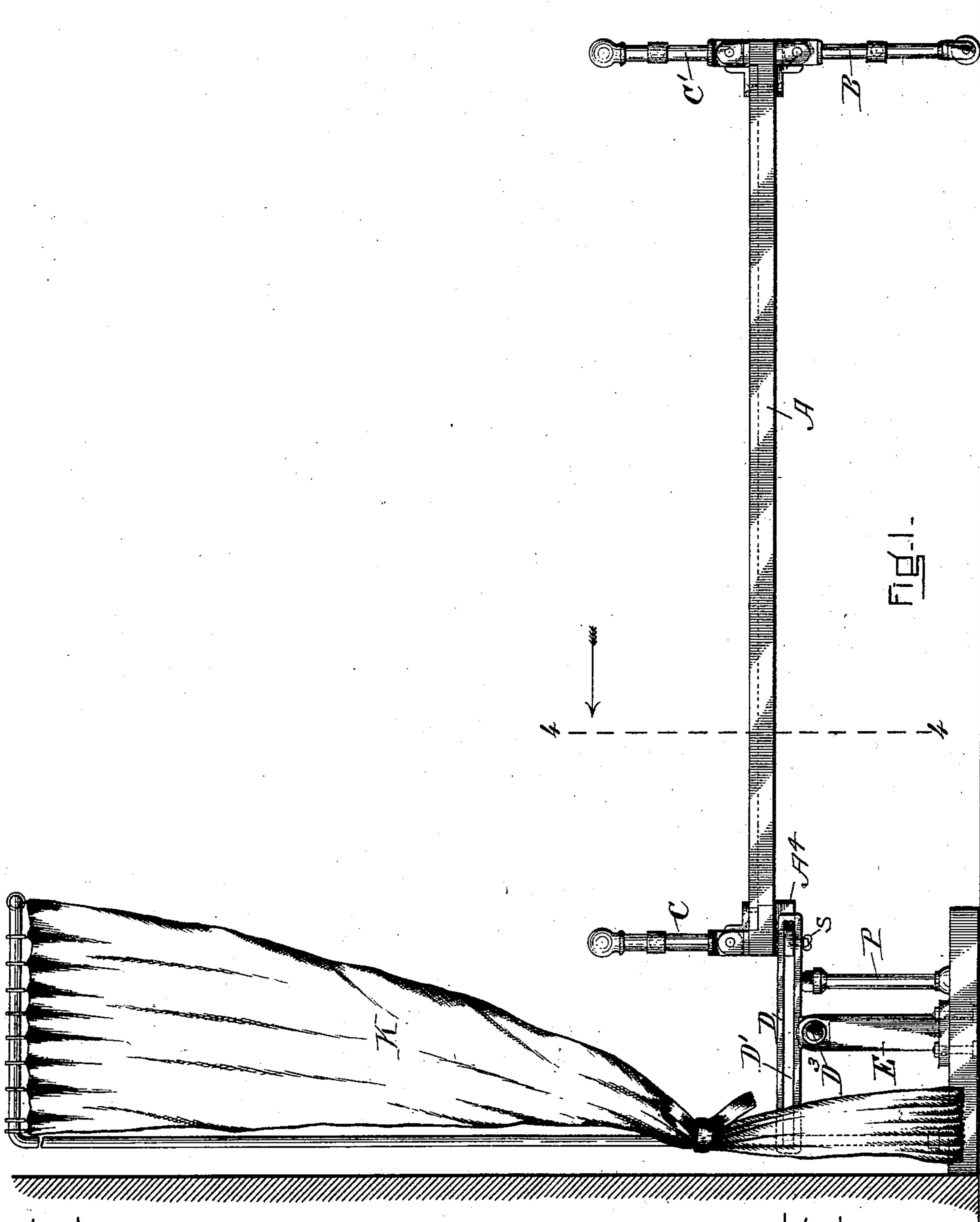
C. M. HAMILTON.

FOLDING BED.

(Application filed Nov. 15, 1901.)

(No Model.)

3 Sheets—Sheet 1.



WITNESSES:

John Ruelker.

C. H. Bodenolein.

INVENTOR:

Clayton M. Hamilton
by Frank G. Parker Atty

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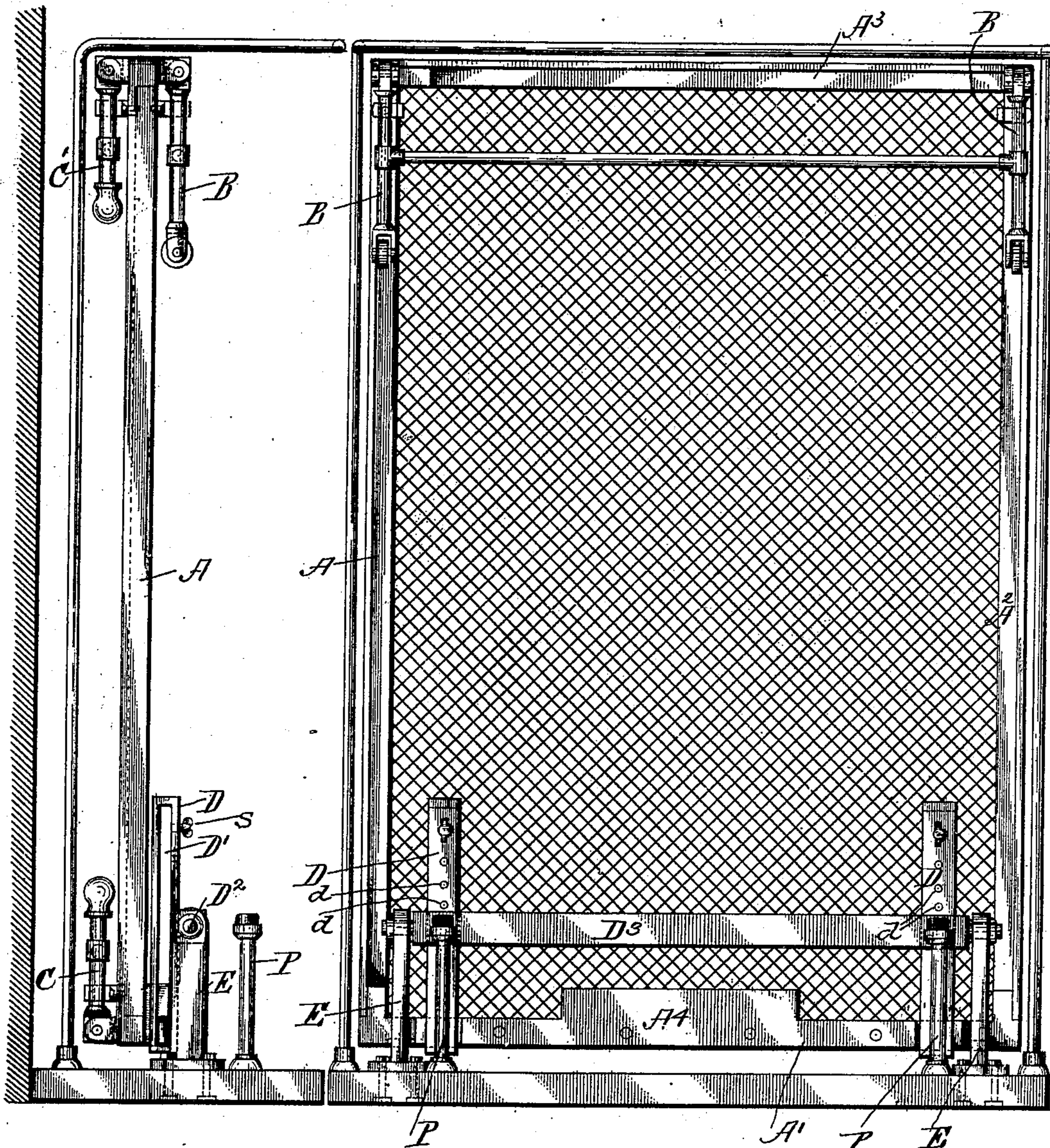


Fig. 2.

Fig. 3.

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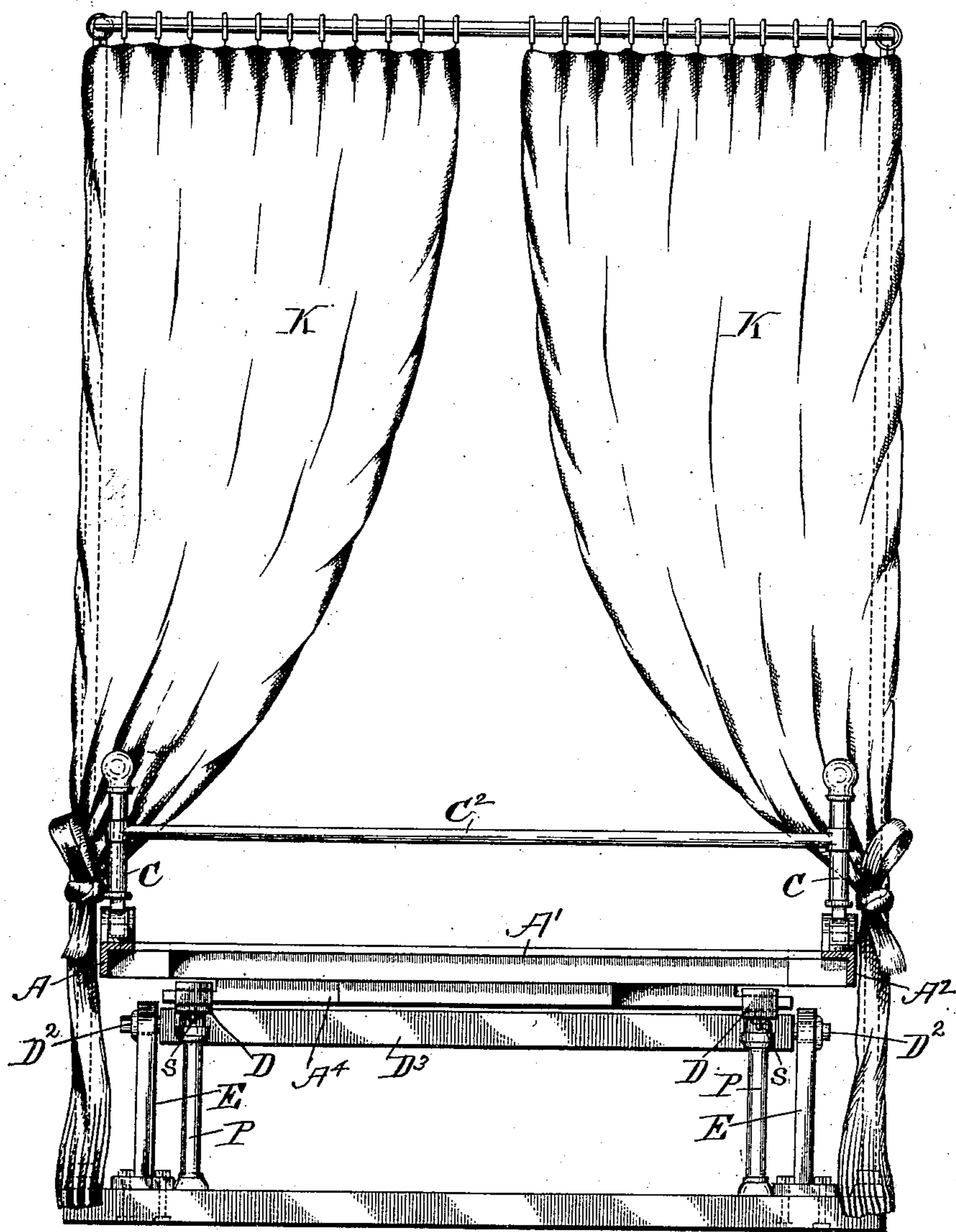


FIG. 4.

WITNESSES:

John Ruekler,

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INVENTOR:

Clayton M. Hamilton
by Frank H. Parker atty.

UNITED STATES PATENT OFFICE.

CLAYTON M. HAMILTON, OF BOSTON, MASSACHUSETTS, ASSIGNOR TO
WILLIAM H. DAVIS, OF BOSTON, MASSACHUSETTS.

FOLDING BED.

SPECIFICATION forming part of Letters Patent No. 710,268, dated September 30, 1902.

Application filed November 15, 1901. Serial No. 82,489. (No model.)

To all whom it may concern:

Be it known that I, CLAYTON M. HAMILTON, of Boston, in the county of Suffolk and State of Massachusetts, have invented a new and useful Improvement in Folding Beds, of which the following, taken in connection with the accompanying drawings, is a specification.

My invention relates to that class of folding beds that are when not in use turned up near or against a wall, so as to occupy but little floor-space; and it consists of a standard-frame secured to the floor or some other suitable base and supporting slotted bars pivoted at or near their centers and adapted to receive in the slots lateral projections attached to the body of the bed near its wall end, whereby the bed may be moved forth and back, so as to place its weight at either side of the said supporting-frame.

The object is to so construct and arrange the parts that the bed by a slight movement may become balanced and easily turn up and when turned down may be so adjusted as to safely stay by its own weight in the horizontal position. This object I attain by the mechanism shown in the accompanying drawings, in which—

Figure 1 is a side elevation showing the bed in its horizontal position and drawn out, so that its weight shall hold it down. Fig. 2 is a side elevation representing the bed as it appears when turned up. Fig. 3 is a front view of the bed, showing the under side as it appears when turned up. Fig. 4 is a front view showing the bed in section on line 4 4 of Fig. 1 and the curtains in elevation.

The frame of the bed is made of four bars A A' A² A³, united in any suitable manner and provided with swinging or folding legs B for the end that extends into the room. It also has head and foot parts C C' and cross-bars, one of which is shown at C², Fig. 4. All of the above-mentioned parts may be of any suitable style and material.

The wall end of the bed has no legs and is supported by the devices which I will now describe.

E and E are posts firmly attached to the floor or some suitable base, having at their upper ends journal-bearings for the rounded ends D² of the bar D³, Figs. 3 and 4. This

bar D³ extends across between the supporting parts E E and has firmly attached to it near its ends slotted bars D D. The wall end of the bed has a heavy cross-bar A⁴, which acts as a weight. The ends of the bar A⁴ are squared and are adapted to slide in the slots D' of the bars D. It will be observed that the bars D extend both ways from the supporting-pivot D², so that if weight A⁴ should be on the wall side of the pivots D² then the tendency of the weight will be to balance the weight of the bed and assist in turning the bed up, or it may be so heavy as to turn the bed up of itself; but if the bed is pulled out from the wall, as represented in Fig. 1, then the weight will be all outside of the pivots D² and there will be nothing to cause the bed to turn up. The posts P serve to support the outer ends of the slotted bars D and through them the end of the bed. The slotted tilting bars D have holes d d at intervals, through which pins or screws S may be inserted for the purpose of holding the bed in any desired position in relation to the said bars, whereby it will be secured against accidental movement.

The curtains K, used for ornament and for covering the bed when it is turned up, are attached to a convenient framework, which is connected and supported by the same base as the other parts are, so that the entire bed and curtains and framework constitute a single portable article of furniture.

I claim—

A bed having its wall end weighted and provided with lateral projections adapted to support said wall end; a framework attached to a fixed base and supporting slotted bars pivoted at or near their centers, and adapted to receive the said lateral projections, whereby the bed may be moved forth and back so as to place its weight at either side of the supporting-frame, and the said slotted bars, substantially as and for the purpose set forth.

In testimony whereof I have signed my name to this specification, in the presence of two subscribing witnesses, on this 13th day of November, A. D. 1901.

CLAYTON M. HAMILTON.

Witnesses:

FRANK G. PARKER,
JOHN BUCKLER.