

(No Model.)

A. FRIEDENTHAL.

SHOW TRAY FOR RINGS.

No. 312,835.

Patented Feb. 24, 1885.

Fig. 1.

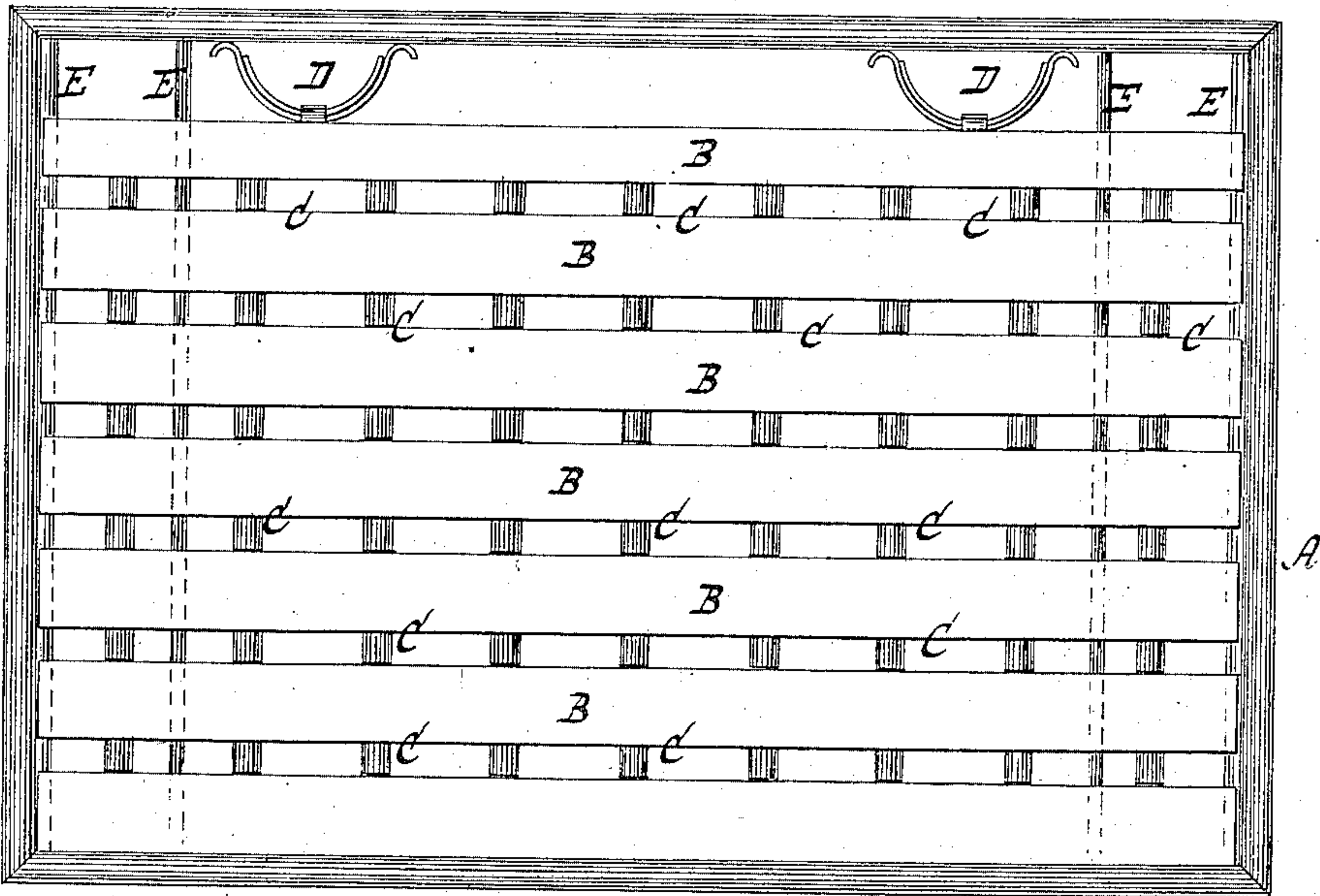


Fig. 2.

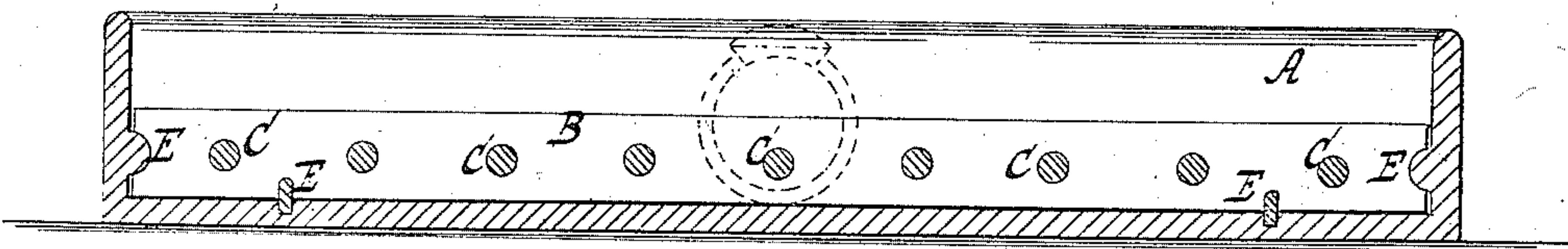
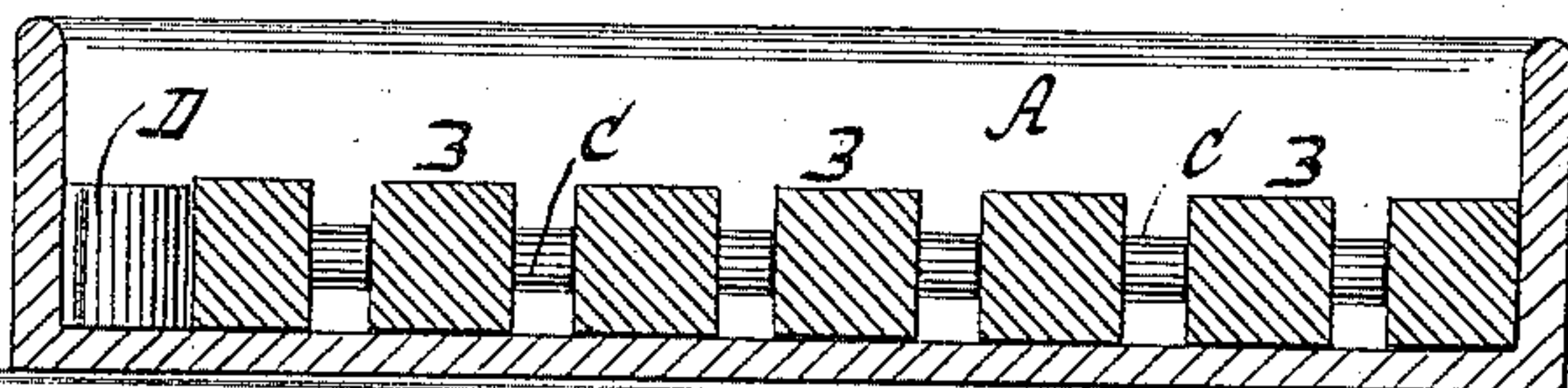


Fig. 3.



WITNESSES:

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SHOW-TRAY FOR RINGS.

SPECIFICATION forming part of Letters Patent No. 312,835, dated February 24, 1885.

Application filed January 24, 1884. (No model.)

To, all whom it may concern:

Be it known that I, ALBERT FRIEDENTHAL, a citizen of the United States, residing at New York, in the county and State of New York, have invented new and useful Improvements in Show-Trays for Rings, of which the following is a specification.

This invention relates to show-trays for displaying finger-rings; and it consists in the novel means hereinafter described for automatically locking the rings when they are put in place, the whole being illustrated in the accompanying drawings, in which—

Figure 1 is a plan or top view. Fig. 2 is a longitudinal section. Fig. 3 is a cross-section.

Similar letters indicate corresponding parts.

The letter A designates the body of a tray, which is rectangular in shape, and in which are fitted a series of strips, B, parallel to each other. These strips B form partitions, between which the rings may be inserted by means of the shanks, as heretofore, and to hold the rings in place each of the strips is constructed with a series of pins, C, which project laterally therefrom, so as to be capable of entering the shanks of the rings, as indicated in Fig. 2, and which are left detached from the tray, so that they are movable. Either of the outer strips B of the series is exposed to the action of springs D, (one or more,) which lie against one side of the tray, and have a tendency to force the strips against the other side thereof, thus retaining the whole in position, the pins C of each strip thus being made to impinge against an adjacent strip, as shown in Fig. 1. When it is desired to insert or remove a ring, it is only necessary to force back the proper strip, together with those in rear of it, against the action of the springs D, when the ring is disengaged from its holding-pin, an entire row of rings being, in fact, thus disengaged, while when the retracted strip is released it immediately resumes a normal position under the impulse of the springs, thus automatically relocking the rings left in the tray.

For the purpose of guiding the strips B in the movement thereof, rails E are used, these rails being arranged on the ends or bottom, or both, of the tray, to engage the strips in a transverse direction.

It should be remarked that the pins C may be on one or both sides of the strips B, and when on both sides those of one strip may alternate with those of an adjacent strip, or alternate strips may be left plain. The strip B, moreover, may be constructed with mortises to receive the rings, in which case the pins C enter the strips to intersect the mortises and engage the rings, while, if deemed expedient, both outer strips may be exposed to the action of a spring.

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

1. The combination, in a show-tray for displaying rings, of a series of strips, all having their ends unattached, so as to permit them to move laterally, and each provided with a series of attached lateral pins to enter the shanks of the rings and bear against the side of the adjacent strip, with a spring or springs acting on a single one of the strips to press all of the same toward one side of the tray, substantially as described.

2. The combination of a tray having guide-rails, a series of strips having their ends loosely engaging the rails to move along the same, and each provided with a series of attached lateral pins to enter the ring-shanks and bear against the side of the adjacent strip, and a spring or springs acting on a single one of the strips to press all of the same toward one side of the tray, substantially as described.

In testimony whereof I have hereunto set my hand and seal in the presence of two subscribing witnesses.

ALBERT FRIEDENTHAL. [L. S.]

Witnesses:

W. HAUFF,
CHAS. WAHLERS.