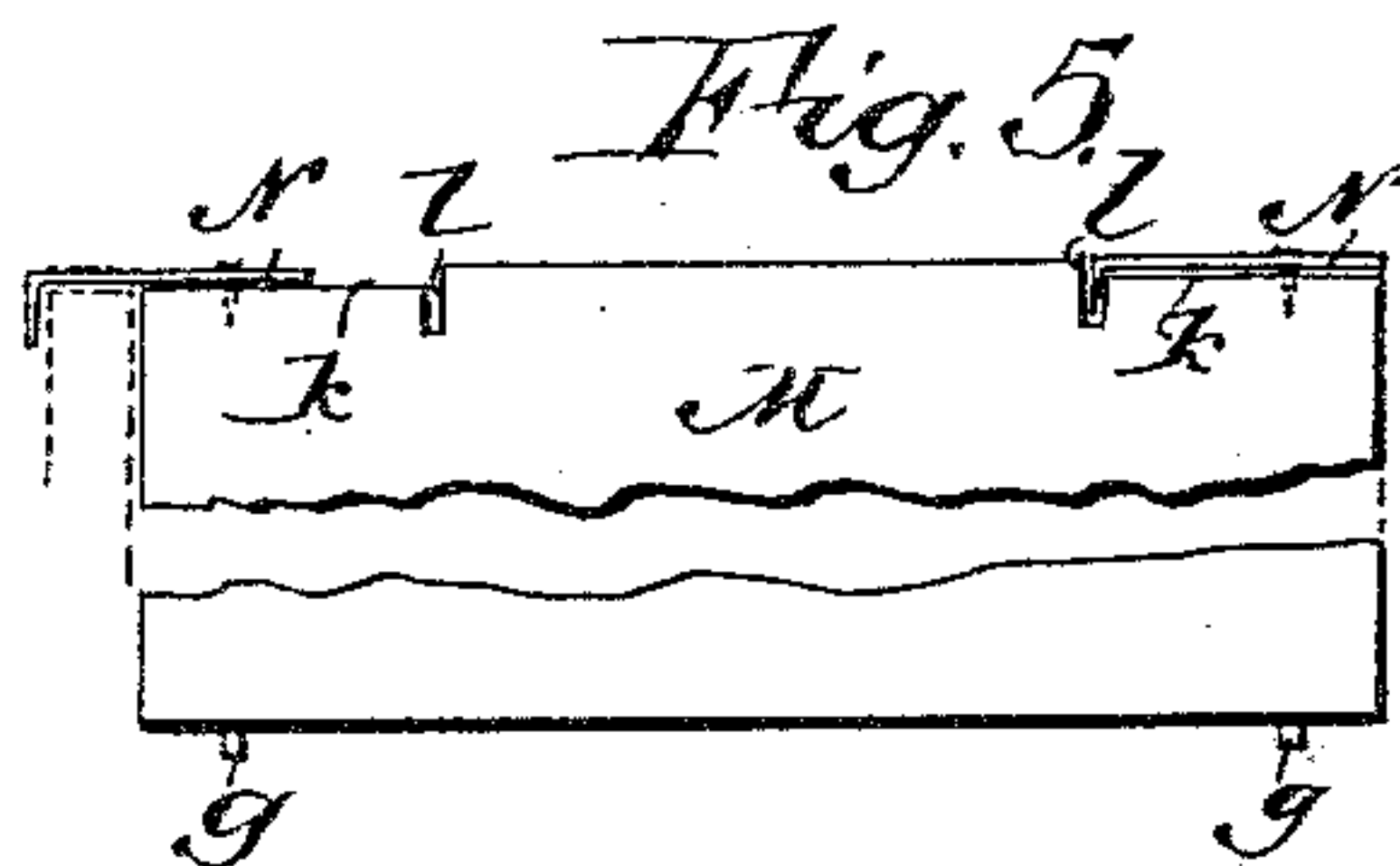
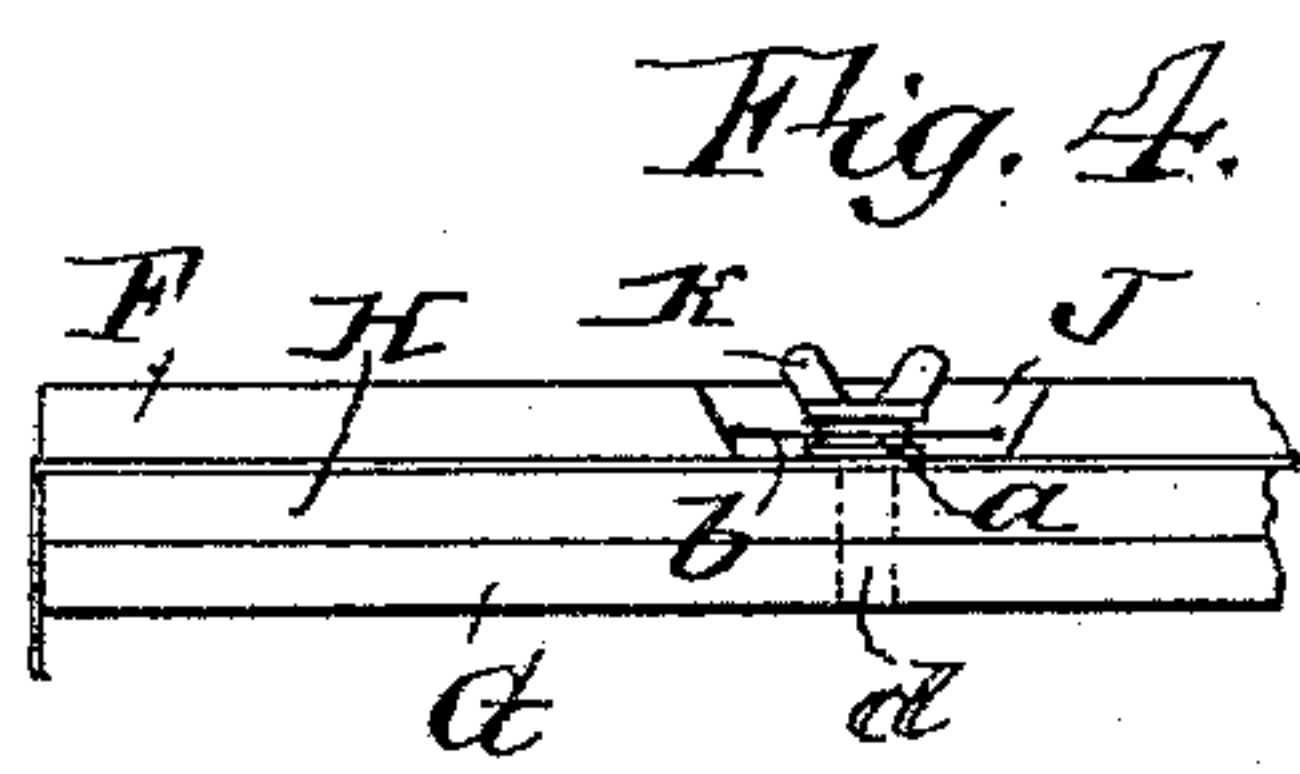
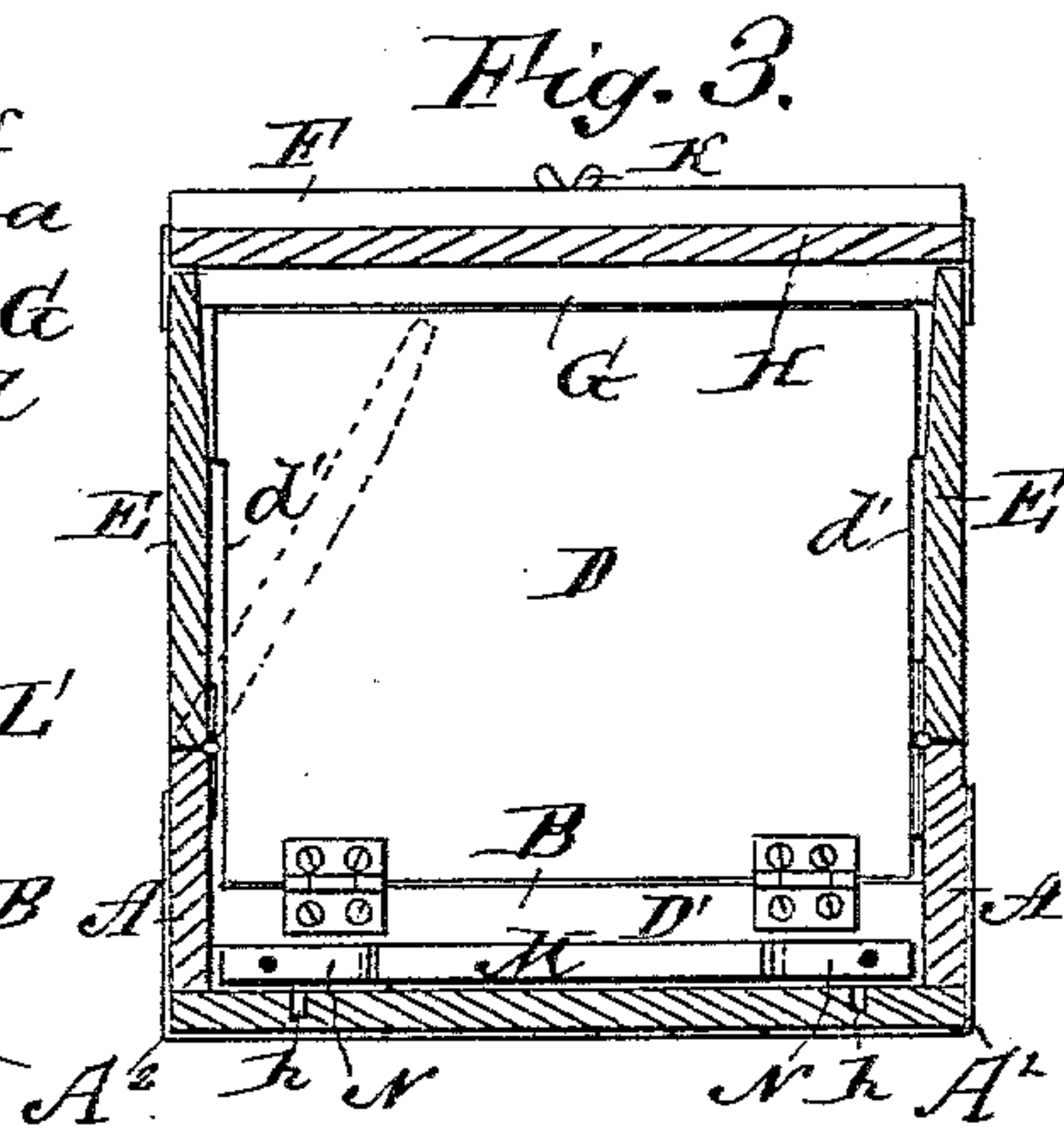
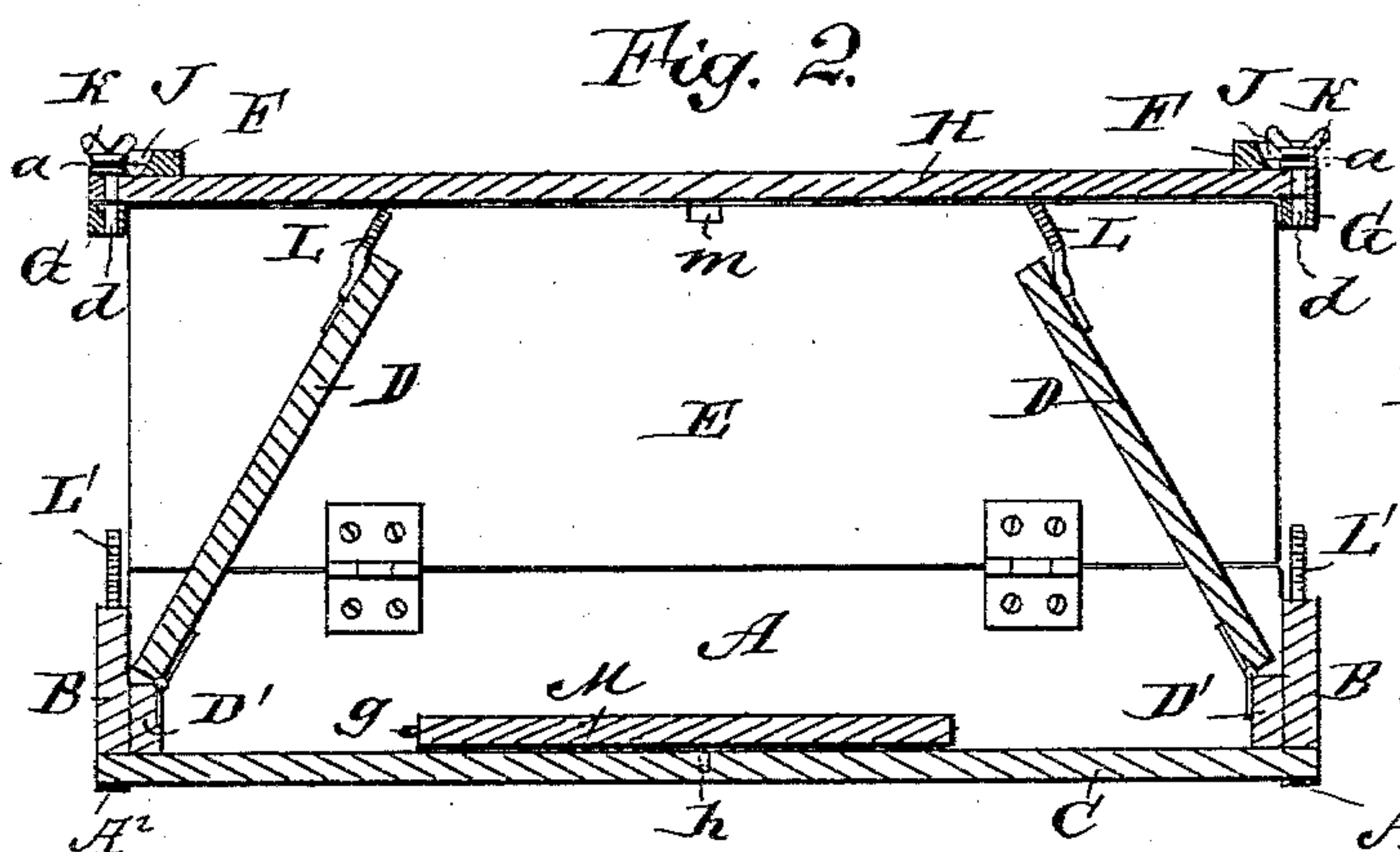
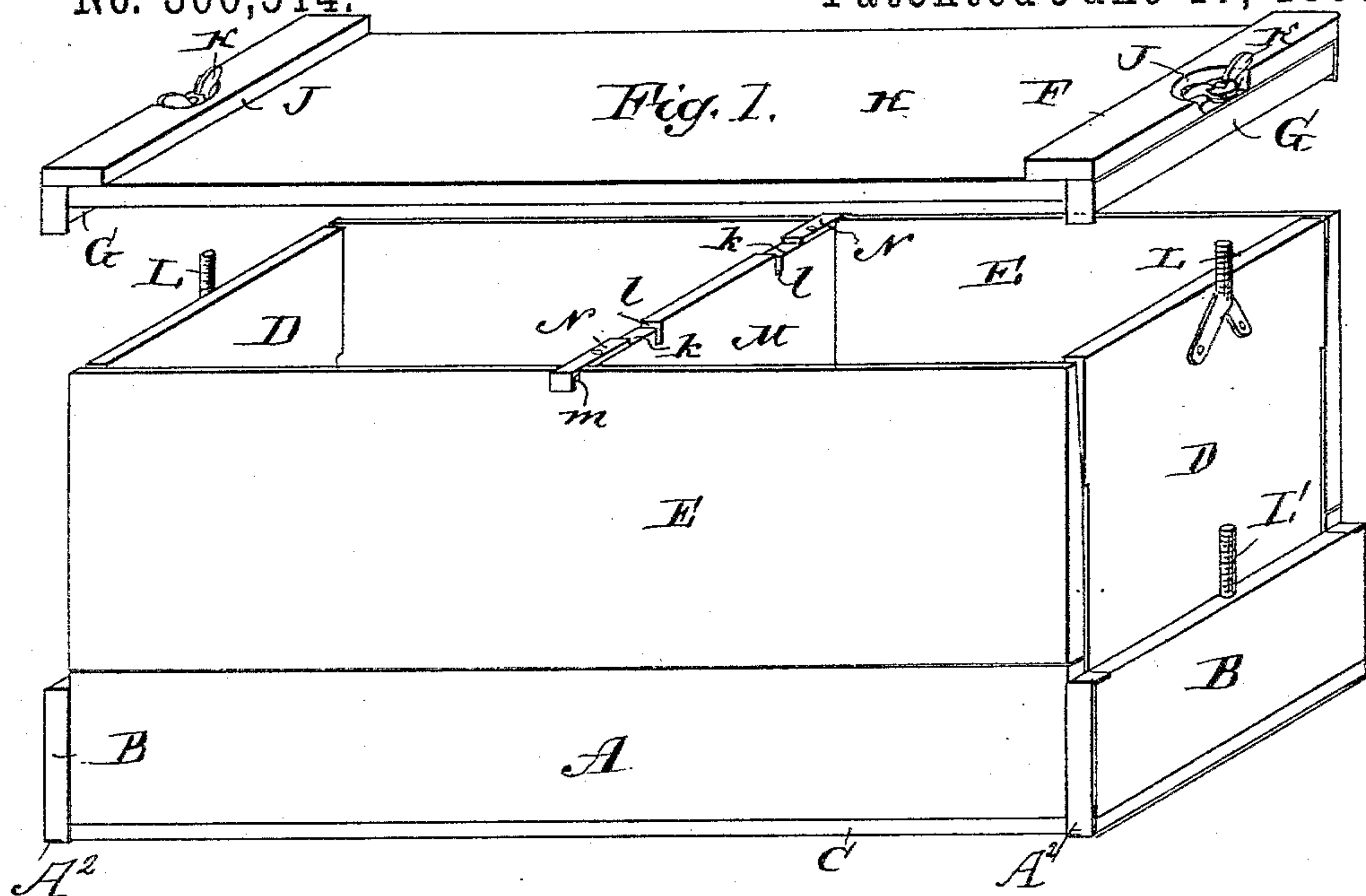


(No Model.)

W. G. RUGE.
FOLDING EGG CASE.

No. 300,514.

Patented June 17, 1884.



WITNESSES:
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UNITED STATES PATENT OFFICE.

WILLIAM G. RUGE, OF WASHINGTON, MISSOURI.

FOLDING EGG-CASE.

SPECIFICATION forming part of Letters Patent No. 300,514, dated June 17, 1884.

Application filed March 22, 1884. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM G. RUGE, of Washington, in the county of Franklin and State of Missouri, have invented a new and Improved Folding Egg-Case, of which the following is a full, clear, and exact description.

The object of my invention is to provide a new and improved egg-case which can be folded very compactly for returning it to the shipper or for storage, and which box can be erected and folded very easily and rapidly.

The invention consists in an egg-case provided with upwardly-projecting screws on the fixed and hinged end pieces, and with a cover on which nuts are held so as to be capable of rotation by means of wires passed through annular grooves in the nuts.

The invention further consists in the combination, with the box, of a removable partition having hook-clips pivoted on its upper edge at the ends.

The invention also consists in various parts and details, as will be fully described and set forth hereinafter.

Reference is to be had to the accompanying drawings, forming part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a perspective view of my improved folding egg-case, the cover being raised. Fig. 2 is a longitudinal sectional elevation of my improved folding egg-case. Fig. 3 is a cross-sectional elevation of the same. Fig. 4 is an end view of the cover, parts being broken away. Fig. 5 is a face view of the removable middle partition, parts being broken out.

The base of the box is formed of the low sides A and the low ends B, secured to the bottom C, the ends B resting against the end edges of the sides A. Metal bands A² are passed around the edges of the ends B and under the bottom C of the box. Swinging end pieces, D, are hinged to strips D', secured to the bottom C, and resting against the inner surfaces of the ends B, which end pieces, D, are adapted to swing inward. When raised, they rest against the inner surface of the ends B, and their outer surfaces are flush with the end edges of the sides A and the side pieces, E, which are hinged to A and swing inward. The side edges of the end pieces, D, are recessed at d', so that they can clear the hinges of the side

pieces, E. The end pieces, D, and side pieces, E, are so arranged that their upper edges will all be flush when the said pieces are raised. Transverse strips F and G are secured to the upper and lower surfaces, respectively, of the cover H at the ends, as shown. Each top end piece, F, is provided in its upper surface and in the outer edge with a recess, J, in which a winged nut, K, is held by a wire, b, passed around an annular groove, a, in the nut, and having its ends secured in the walls of the recess J. This construction permits the nut to be turned, but holds it in the recess J. The cover H and the bottom cross-piece, G, are provided with an aperture, d, for receiving the screws L or L', projecting from the upper edges of the end pieces, D, and the ends B, respectively. A removable transverse partition, M, is provided with dowels g, projecting from the bottom edge and adapted to be passed into apertures h in the upper surface of the bottom C. The partition M is provided with a recess, k, in the upper edge at each end, and on each end of the upper surface of the partition M a hook-clip, N, is pivoted, the partition being provided in its upper edge with the notches l, for receiving the hook ends of the said clips. The swinging side pieces, E, are provided with notches m in the upper edges for receiving the hook-clips.

If the box is to be erected, the side pieces, E', and then the end pieces, D, are swung up. The partition M is placed transversely in the box, and is held in place by the dowels g and by the hooks N, which are swung outward before the partition is placed in the box. The egg-frames and pasteboards are placed in the box and filled, and then the cover is placed on the box, the screws L passing up through the apertures d. The nuts K are then screwed on the screws and press the cover on the upper edges of the ends and sides.

If the box is to be folded, the partition M is removed, its hook-clips N are swung inward, as shown on the right-hand side of Fig. 5, the partition M is then placed on the bottom of the box, the end pieces, D, are swung down over it, the egg-frames and pasteboards are placed on them, the side pieces, E, are swung down, the cover is placed on the sides A and ends B, the screws L' passing through the apertures d, and the nuts K are screwed on the

said screws L', when the egg-case, thus ready for return, being one-third of its original size, will contain all the egg-frames and pasteboards necessary to pack the case with eggs again.

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

1. In a folding egg-case, the combination, with the bottom C, the sides A, and the ends
10 B, of the hinged side pieces, E, the hinged end pieces, D, the screws L L', projecting from the upper edges of the end pieces, D, and the ends B, and of the cover H, provided with nuts K, and apertures through which the screws
15 L or L' can be passed, substantially as herein shown and described.

2. In a folding egg-case, the combination, with a box having upwardly-projecting screws, of the cover H, having the nuts K, and means
20 for holding the nuts on the cover so that they are capable of rotation, substantially as herein shown and described.

3. In a folding egg-case, the combination, with a box having upwardly-projecting screws,
25 of the cover H, the nuts K, having annular grooves *a*, and of the wires *b*, secured on the cover and passed through the grooves in the nuts, substantially as herein shown and described.

4. In a folding egg-case, the combination, 30 with a box having upwardly-projecting screws, of the cover H, the cross-pieces F, provided with recesses J, the nuts K, having annular grooves *a*, and the wires *b*, secured to the cover and passed through the said grooves, substan- 35 tially as herein shown and described.

5. The combination, with a box, of the removable partition M, having hook-clips N pivoted to the upper edge at the ends of the same, substantially as herein shown and de- 40 scribed.

6. The combination, with a box, of the removable partition M, having recesses *k* and notches *l* in its upper edge at the ends, and of the hook-clips N, pivoted on the upper edge 45 of the partition M, substantially as herein shown and described.

7. The combination, with a box having notches *m* in the upper edges of its sides, of the removable partitions M and the hook-clips 50 N, pivoted on the upper surface of the same at the ends, substantially as herein shown and described.

WILLIAM G. RUGE.

Witnesses:

JOS. STAMM,

AUG. H. DICKHAUS.