

No. 751,466.

PATENTED FEB. 9, 1904.

C. J. COLLING.  
RACK OR CABINET FRAME.  
APPLICATION FILED JUNE 25, 1903.

NO MODEL.

FIG. 1.

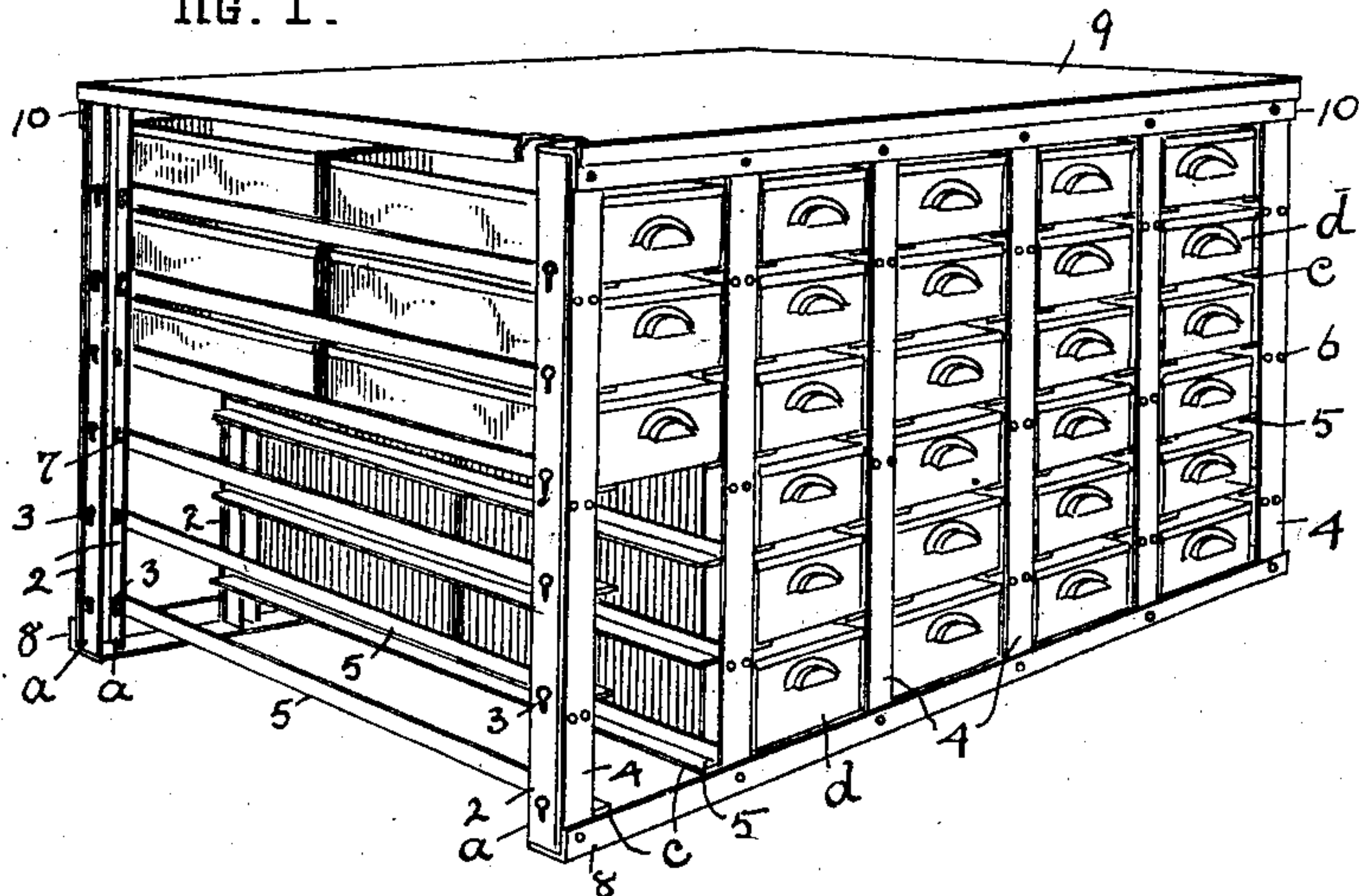
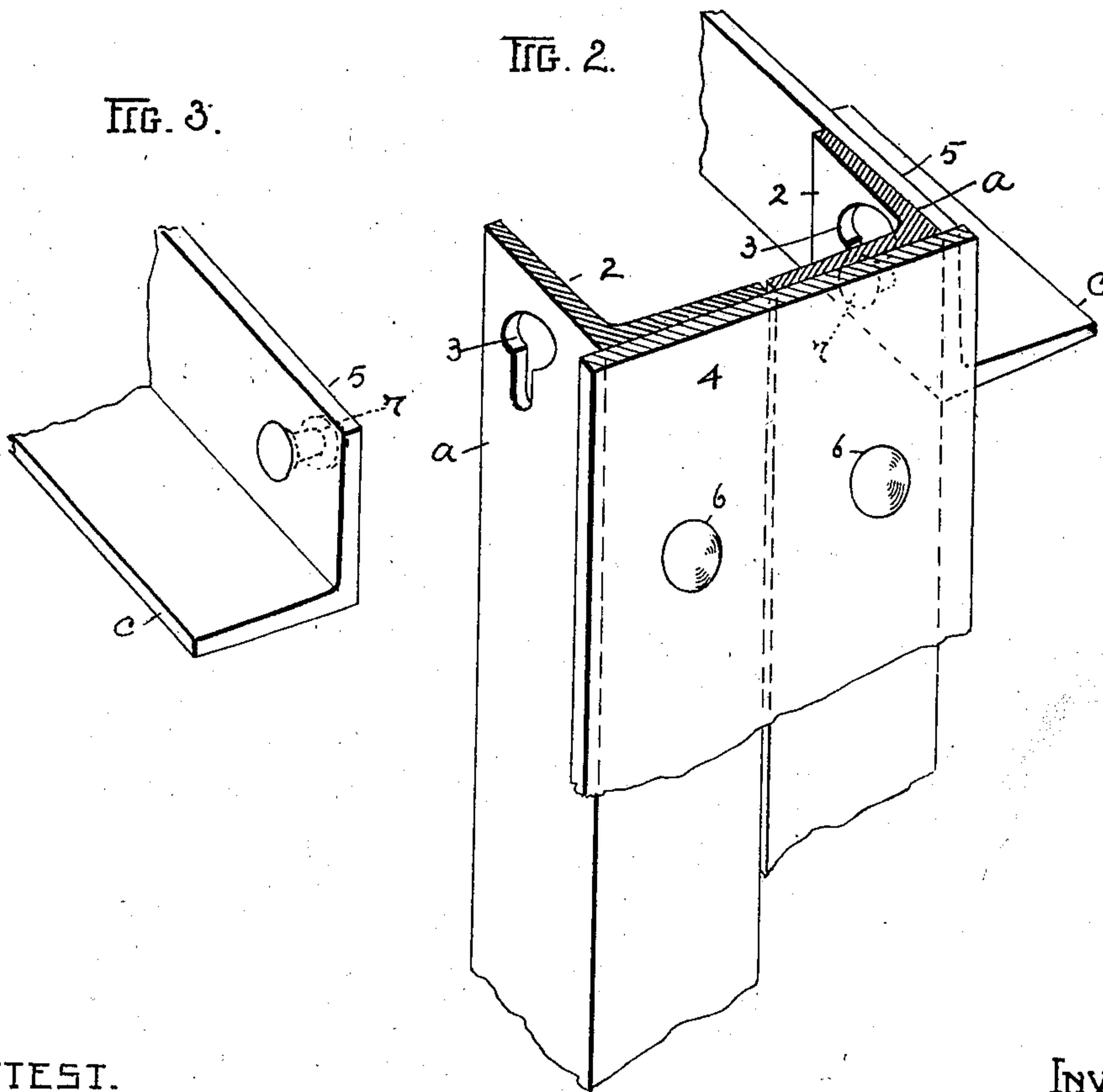


FIG. 2.

FIG. 3.



ATTEST.

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# UNITED STATES PATENT OFFICE.

CHARLES J. COLLING, OF GLENVILLE, OHIO, ASSIGNOR TO THE CLEVELAND WIRE SPRING COMPANY, OF CLEVELAND, OHIO, A CORPORATION OF OHIO.

## RACK OR CABINET-FRAME.

SPECIFICATION forming part of Letters Patent No. 751,466, dated February 9, 1904.

Application filed June 25, 1903. Serial No. 163,080. (No model.)

*To all whom it may concern:*

Be it known that I, CHARLES J. COLLING, a citizen of the United States, residing at Glenville, in the county of Cuyahoga and State of Ohio, have invented certain new and useful Improvements in Racks or Cabinet-Frames; and I do declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to an improvement in so-called "racks" or "cabinets;" and the object of the invention is to provide an indestructible and convenient place for keeping various small articles in a room where mechanical devices of one kind or another are assembled or set up and where there is need of a definite place for an assortment of small articles—such as screws, bolts, washers, nails, and other objects or articles, according to the particular business in hand and the place of use.

To these ends the invention consists in the construction and arrangement of parts, substantially as shown and described, and particularly pointed out in the claims.

In the accompanying drawings, Figure 1 is a perspective view of a cabinet or rack built according to my invention. Fig. 2 is an enlarged perspective view of a section or portion of the structure, as hereinafter fully described. Fig. 3 is a perspective view of one end of one of the angle-iron cross-pieces, showing the same with a projection adapted to engage in a corresponding opening or slot in another part, also as hereinafter fully described.

The essential novelty of this case is found in the construction of the framework of the cabinet, which is metallic throughout and preferably of a knockdown kind, so that the said frame or structure may not only be shipped separately as to its several parts in the first instance, but may be taken down and packed and reerected at pleasure.

To these ends the invention consists of a frame comprising a number of complete parts ready in themselves to be put together and to be taken apart and embodying two series of

posts constructed each of two angle-iron or L-shaped members 2, provided each on one of its inwardly-extending sides or angles with a series of holes or openings 3, shown here as of substantially keyhole shape and running from top to bottom of the post, while the other sides or angles of said members are arranged edge to edge vertically and are covered over and mechanically locked together and made one rigid part or post by means of a single face-plate 4. Said plate runs substantially the full depth of said posts from top to bottom and is of somewhat greater width than both members, so as to extend beyond the same at each side a distance equal to about the thickness of the metal in cross-pieces 5, as seen in Fig. 2. The ends of said cross-pieces 5 abut or come up to or against the pieces 4 behind these overlapping edges, so that besides affording a good finish for the front of the cabinet the said face-plate serves by this arrangement to also stiffen and strengthen the frame. The face-plates 4 are secured to posts 2 by means of short bolts or rivets 6, and said plates lock or bind the members of each post firmly together. Corresponding posts are used on both fronts of the cabinet shown, as the structure is a double one; but it would be the same if it were single but only half the depth. By providing each vertical side *a* of each post with key-holes 3 or their equivalent I can add on and extend the cabinet or frame indefinitely.

The angle-iron cross-pieces 5, which also form a support by their horizontal angles *c* for the drawers *d*, have headed lugs or projections or pins 7 at their ends and sides, adapted to engage in holes or slots 3, and this construction and connection of parts serves to both support the said cross-pieces on posts 2 and to make a rigid structure of the frame. It will be seen that there are two cross-pieces 5 on corresponding posts on the same horizontal plane, thus bringing them into pairs, and the horizontal portion *c* of each piece extends laterally from the post on opposite sides and in the same horizontal plane as the other, forming of each a rest for one side of drawer *d*, and this arrange-



ment continues from bottom to top of posts, as shown. A suitable angle-iron base-rail 8 is provided also front and rear, on which the posts are supported, and as a matter of convenience in building the frame or structure I employ the same size of angle-iron throughout.

A suitable cover or top 9 is provided and removable angle-rails 10 along both sides at the top.

10 What I claim is—

1. A cabinet-frame consisting throughout of angle-iron and provided with posts constructed each of two pieces locked together and having opposite sides with holes at intervals from 15 top to bottom, and angle-iron connecting-bars having projections at one of their sides engaged in said holes and the other sides horizontally disposed, substantially as described.

2. A cabinet-frame having a series of posts 20 and each post consisting of two angle-iron members arranged edge to edge at their front and a plate overlapping the meeting edges of said members and rigidly fixed thereon, thereby binding said members together, and angle-iron cross-pieces secured to said members, substantially as described.

3. The cabinet-frame having posts formed each of a pair of angle-iron pieces arranged edge to edge at one angle and having the other angles extending inward, a plate extending 30 across the face of both pieces of each post and past the same on each side of the post, in combination with angle-iron cross-pieces removably secured to each piece of each post and having its end covered by the overlapping edge 35 of said face-plate, substantially as described.

4. The frame substantially as described, having a series of posts in parallel lines consisting each of two angle-iron members united on their face and having inwardly-projecting sides provided each with substantially key-shaped holes 40 at successive elevations, and cross connecting-pieces in pairs between corresponding members of said posts and provided with studs engaged in corresponding holes in said posts, substantially as described. 45

In testimony whereof I sign this specification in the presence of two witnesses.

CHARLES J. COLLING.

Witnesses:

CHAS. H. ERICKSON,  
J. W. CAMPBELL.