

No. 706,705.

Patented Aug. 12, 1902.

W. L. TUELL.
FURNITURE CLAMP.

(Application filed Oct. 7, 1901.)

(No Model.)

Fig. 1

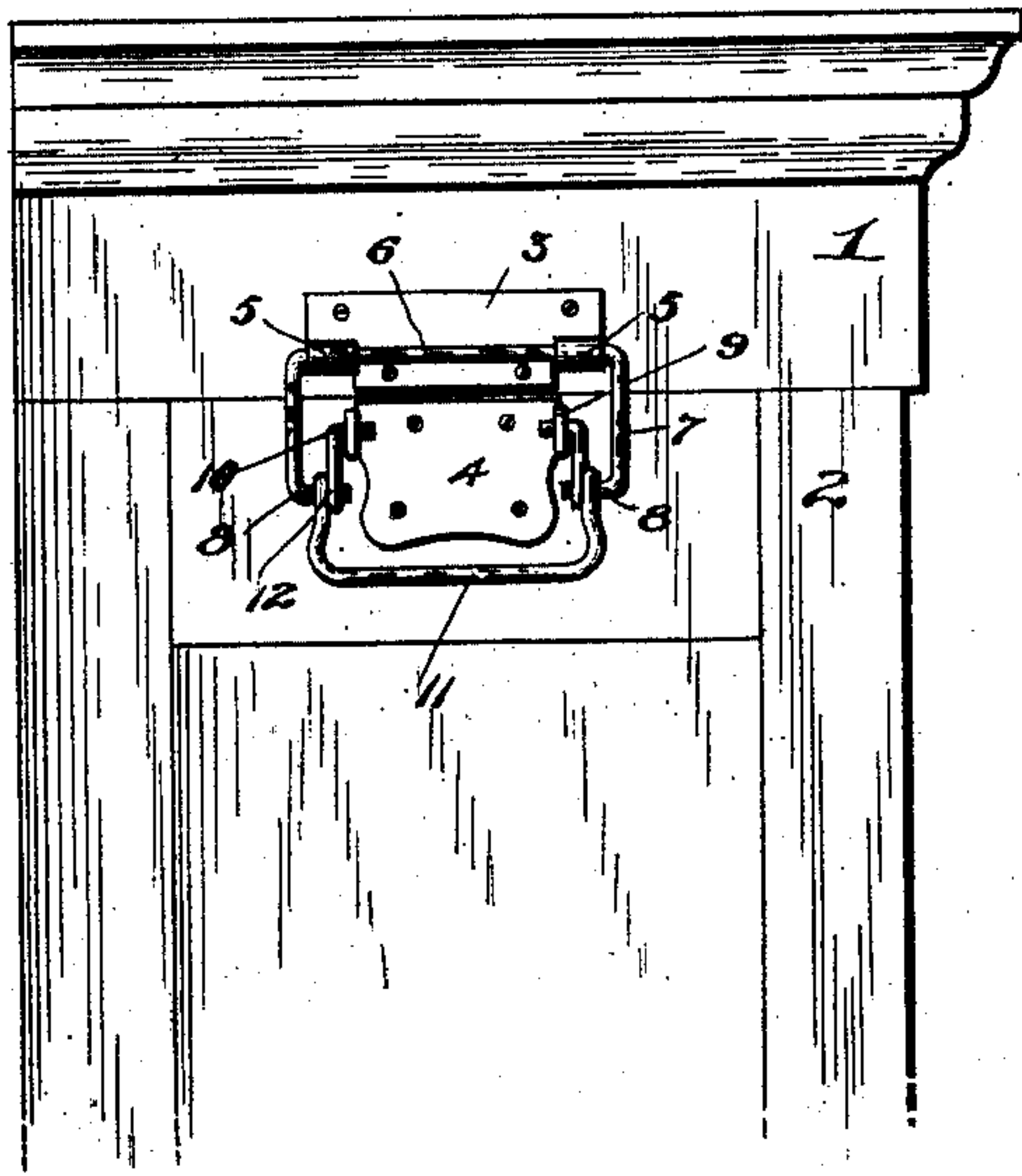
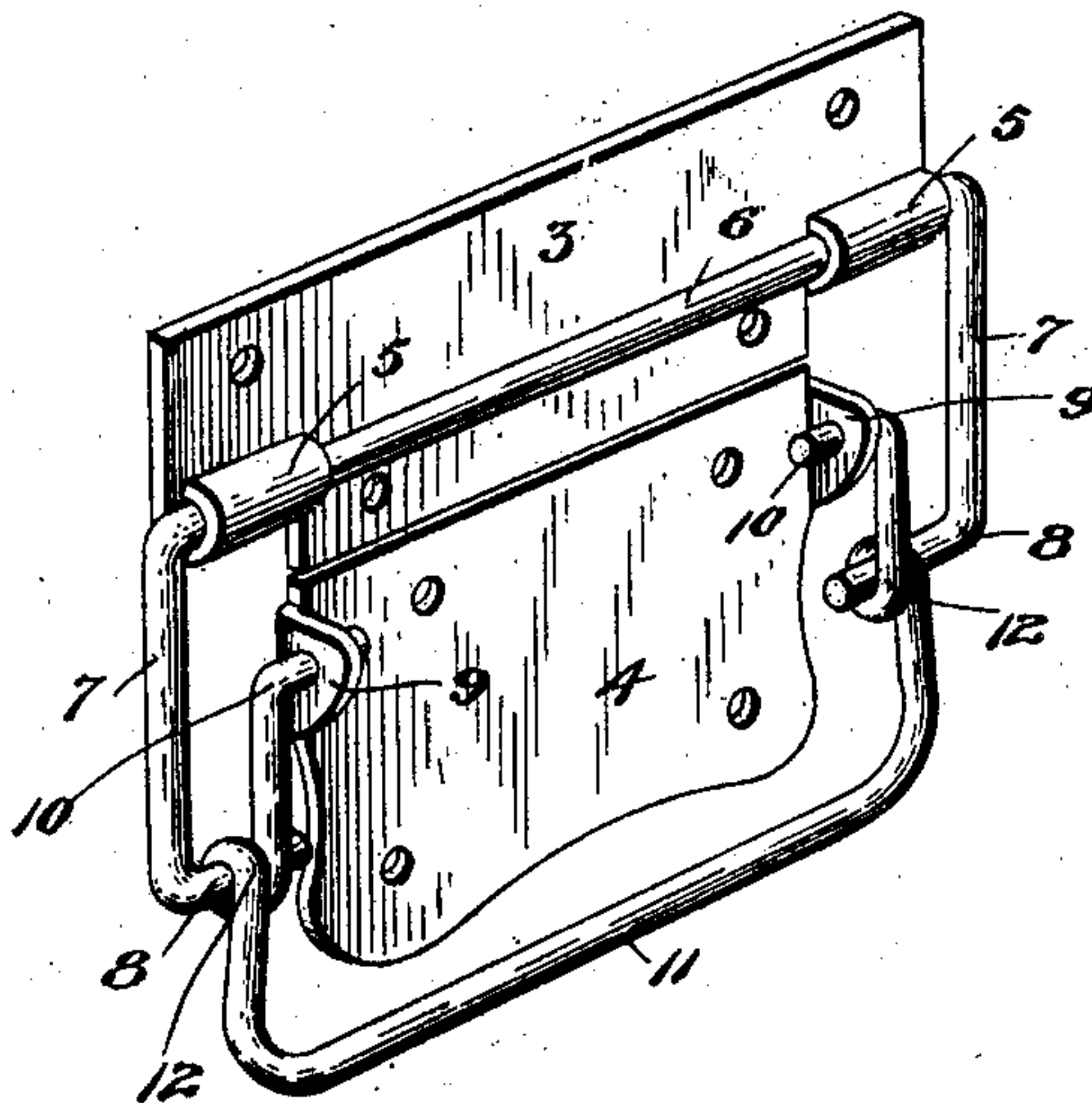


Fig. 2



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Witnesses

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UNITED STATES PATENT OFFICE.

WILLIAM L. TUELL, OF NEW ALBANY, INDIANA.

FURNITURE-CLAMP.

SPECIFICATION forming part of Letters Patent No. 706,705, dated August 12, 1902.

Application filed October 7, 1901. Serial No. 77,876. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM L. TUELL, a citizen of the United States, residing at New Albany, in the county of Floyd and State of Indiana, have invented certain new and useful Improvements in Furniture-Clamps; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

The invention relates to furniture-clamps, and more particularly to clamps for connecting removably together two parts of a piece of furniture—such, for instance, as a wardrobe—whereby the parts may be quickly separated for transportation or storage in a compact and convenient form.

The object of the invention is to provide a clamp of this character which shall be simple of construction, durable in use, comparatively inexpensive of production, efficient in action, and by means of which the parts with which it is used may be easily and quickly connected or disconnected.

With this and other objects in view the invention consists of certain novel features of construction, combination, and arrangement of parts, which will be hereinafter more fully described, and particularly pointed out in the appended claim.

In the accompanying drawings, Figure 1 is a side elevation of a piece of furniture, shown in the present instance as an upper portion of a wardrobe, illustrating the application of the invention; and Fig. 2 is an enlarged view in perspective of the clamp removed.

Referring to the drawings, 1 and 2 denote two parts of a piece of furniture which it is desired to secure together in a removable manner, whereby the parts may be separated at will for the purpose of transportation, storage, or otherwise.

3 denotes one plate of the clamp and 4 the other plate of the clamp. The plate 3 is secured to one part of the piece of furniture by screws or other fastening means and has hooks or eyes 5, in which is journaled the horizontal portion 6 of a bail 7, the lower ends of which are projected inwardly to form cranks 8. The plate 4 is fastened to the other part of the piece of furniture by screws or like fastening means and is provided with ears 9, in

which is pivoted the inwardly-projecting ends 10 of a bail or handle 11, the side pieces of which are provided with eyes 12, preferably by twisting the material, as shown.

The operation of the device is as follows: Assuming that it be desired to securely connect two parts of a piece of furniture together, the horizontal portion 6 of the bail 7 is engaged with the hooks or eyes 5 of the plate 3, which is secured to one part of the piece of furniture, and by pressing downwardly upon the handle 11 the two parts of the piece of furniture will be securely clamped together, the side pieces of the bail 7 and handle 11 being alined and being at a dead-center, the parts will be held in clamped position until the handle 11 is swung outwardly and upwardly. It will thus be seen that I provide a simple, durable, and comparatively inexpensive clamp which may be easily and quickly operated either in clamping the parts of a piece of furniture together or in unclamping them. After the parts have been unclamped and it is desired to separate the two parts of the furniture which have been clamped together the arm 7 may be spread apart so as to disengage its cranks 8 from the eyes 12 of the bail 11, thus permitting of the separation of the parts. Another way of disconnecting the two parts of the fastener is to compress the side pieces of the loop 11 inwardly, which will withdraw their eyes 12 from engagement with the cranks 8 aforesaid.

From the foregoing description, taken in connection with the accompanying drawings, the construction, mode of operation, and advantages of my invention will be readily understood without requiring a more extended explanation.

Various changes in the form, proportion, and details of construction may be made within the scope of the invention without departing from the spirit or sacrificing any of the advantages thereof.

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

The combination with two pieces of furniture, of a clamp consisting of two plates, one secured to one piece of furniture and the other secured to the other piece of furniture, one of said plates being provided with integral

hooks or eyes, and the other plate with integral perforated ears projecting at right angles from the plate, a bail pivoted in the hooks or eyes and consisting of a horizontal portion 6,
5 a vertical portion 7, and the inwardly-projecting crank-arms 8, and a second bail consisting of a horizontal portion 11 having inwardly-projecting ends formed with eyes 12
10 minating at their upper ends in inwardly-pro-

jecting studs which are pivoted in the perforated ears, substantially as set forth.

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

WILLIAM L. TUELL.

Witnesses:

JAMES H. HUGHES,
A. LOWRY.