

H. H. CUMMER.

CRATE.

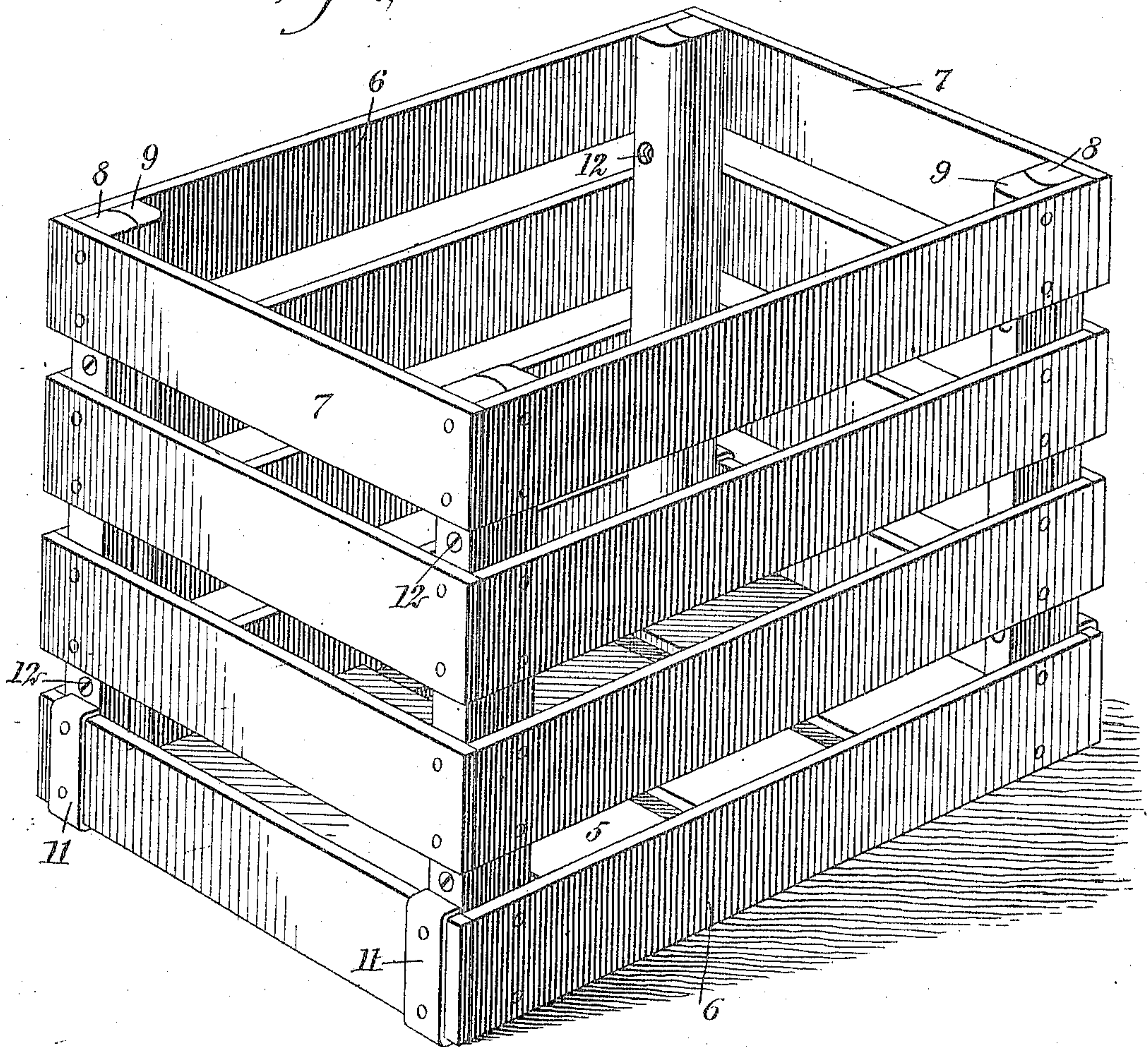
APPLICATION FILED MAR. 22, 1909.

947,625.

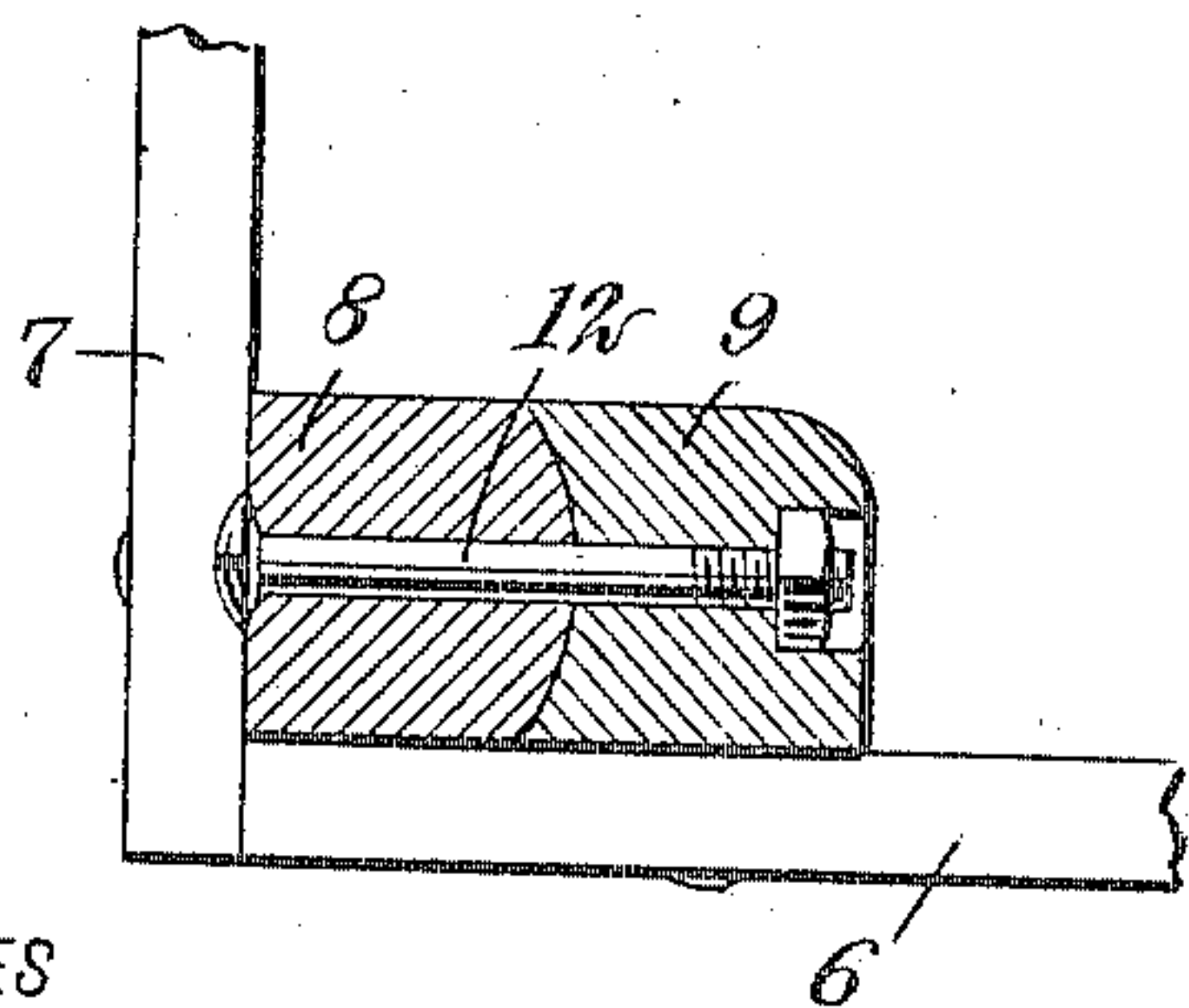
Patented Jan. 25, 1910.

2 SHEETS—SHEET 1.

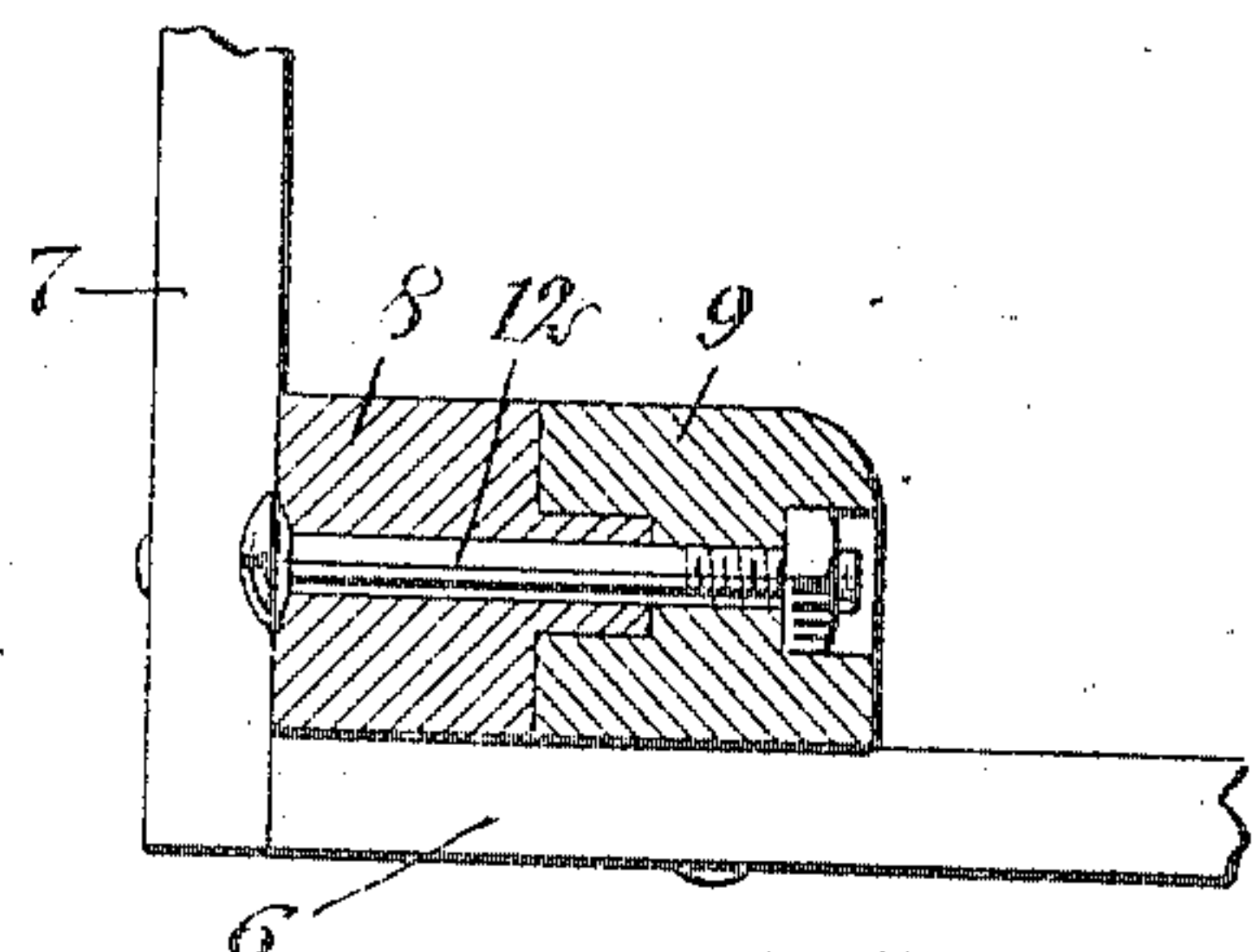
*Fig. 1,*



*Fig. 2,*



*Fig. 3,*



WITNESSES

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INVENTOR

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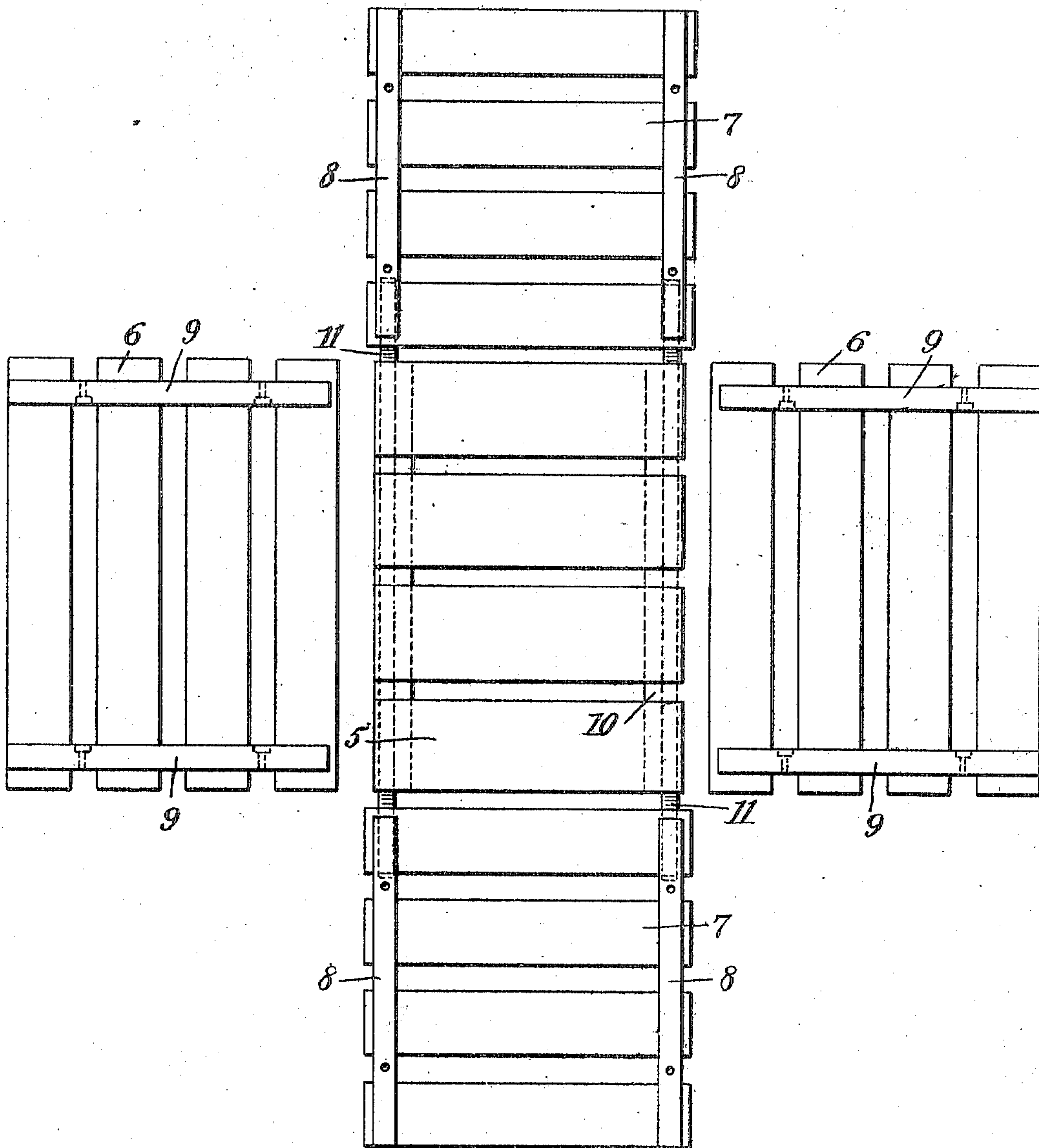
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2 SHEETS—SHEET 2.

*Fig. 4.*



WITNESSES

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# UNITED STATES PATENT OFFICE.

HERBERT H. CUMMER, OF CADILLAC, MICHIGAN.

CRATE.

947,625.

Specification of Letters Patent.

Patented Jan. 25, 1910.

Application filed March 22, 1909. Serial No. 484,923.

*To all whom it may concern:*

Be it known that I, HERBERT H. CUMMER, a citizen of the United States, and a resident of Cadillac, in the county of Wexford and State of Michigan, have invented a new and Improved Crate, of which the following is a full, clear, and exact description.

The invention is an improvement in crates, and has in view a knock-down construction embodying simplicity and strength and which may be easily erected and disassembled, and when in the latter form, closely packed for shipment or stowage.

To this end the invention consists of a box or crate having a bottom, side walls, end walls and corner posts, each post constructed of sections arranged side by side and having abutting faces, with one of the sections of each post secured to the side walls and the other section of each post secured to the end walls, and bolts or other equivalent devices securing the sections of each post together.

The invention further contemplates the provision of metal straps secured to the under side of the crate bottom at opposite sides, serving as runners, and with the opposite ends of the straps secured to the end walls and reinforcing the completed structure.

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

Figure 1 is a perspective view of a crate constructed in accordance with my invention; Fig. 2 is a cross-section through one of the corner posts at a point where the sections thereof are connected together by a bolt; Fig. 3 is a similar section, showing a modified form of the post; and Fig. 4 is a plan of the crate preparatory to erection.

The box body is primarily made up of a bottom 5, side walls 6, end walls 7 and corner posts, each corner post constructed of two sections, 8 and 9 respectively, arranged side by side and having upright abutting faces. The bottom, side walls and end walls of the crate are of the conventional slatted construction, with the slats of the bottom extending crosswise of the crate and nailed or otherwise secured to the side rails 10, each side rail having a strap 11 secured to its under face and extending longitudinally of the crate, with the ends of the straps projecting beyond the bottom and perma-

nently secured to the end walls 7, this connection of the straps being effected by passing the end portions thereof around the bottom slats of the end walls and turning in the extremities of the straps over the top edges of these slats, as shown in Fig. 1. The straps serve as runners in sliding the crate, and also act to reinforce the completed structure.

The sections of the corner posts terminate slightly short of the lower edges of the bottom slats of the sides and end walls, as shown in Fig. 4, in order that when the post sections are seated upright on the slats of the bottom of the crate, the bottom slats of the sides and end walls will extend approximately flush to the under face of the structure. The abutting faces of the post sections 8 and 9 are preferably shaped to interfit each other, as shown in either Fig. 2 or 3. In Fig. 2 the abutting faces of the post sections are shown to be rounding, and in Fig. 3 they are tongued and grooved together. The two sections of each post are secured together when the walls of the crate are in place, by bolts 12 which are arranged longitudinally of the crate at convenient points, preferably in the spaces between the slats of the end walls. With the bolts thus arranged they are conveniently accessible for removal and application, this being accomplished with a screw-driver, for which purpose the bolts have slotted heads. The ends of the bolts are preferably counter-sunk or let into the sections 9 of the corner posts in order that no projecting parts will be presented for hanging or injuring the articles placed within the crate. In assembling the crate the side walls are stood in position on the bottom, and the end walls swung in place on the straps, the latter bending upwardly and serving as hinges in the operation. The bolts are then inserted in the sections of the corner posts and tightened, when the crate is ready for use.

Having thus described my invention, I claim as new and desire to secure by Letters Patent:

1. A crate having side walls, end walls, corner posts, each corner post constructed of two sections arranged side by side and having abutting faces, with said face of one of the post sections having a projecting portion arranged along its length and interfitting with a groove formed in the said face of the other post section, and with one of

the sections of each post secured to the side walls and the other section of each post secured to the end walls, and means binding the interfitting faces of the post sections of  
5 each post together.

2. A crate having side walls, end walls, corner posts, each corner post constructed of two sections arranged side by side and having abutting faces, said faces constructed to  
10 interfit, and with one of the sections of each post secured to the side walls and the other

section of each post secured to the end walls, and means binding the interfitting faces of the sections together.

In testimony whereof I have signed my 15 name to this specification in the presence of two subscribing witnesses.

HERBERT H. CUMMER.

Witnesses:

FRED S. LAMB,  
J. H. WHEELER.