

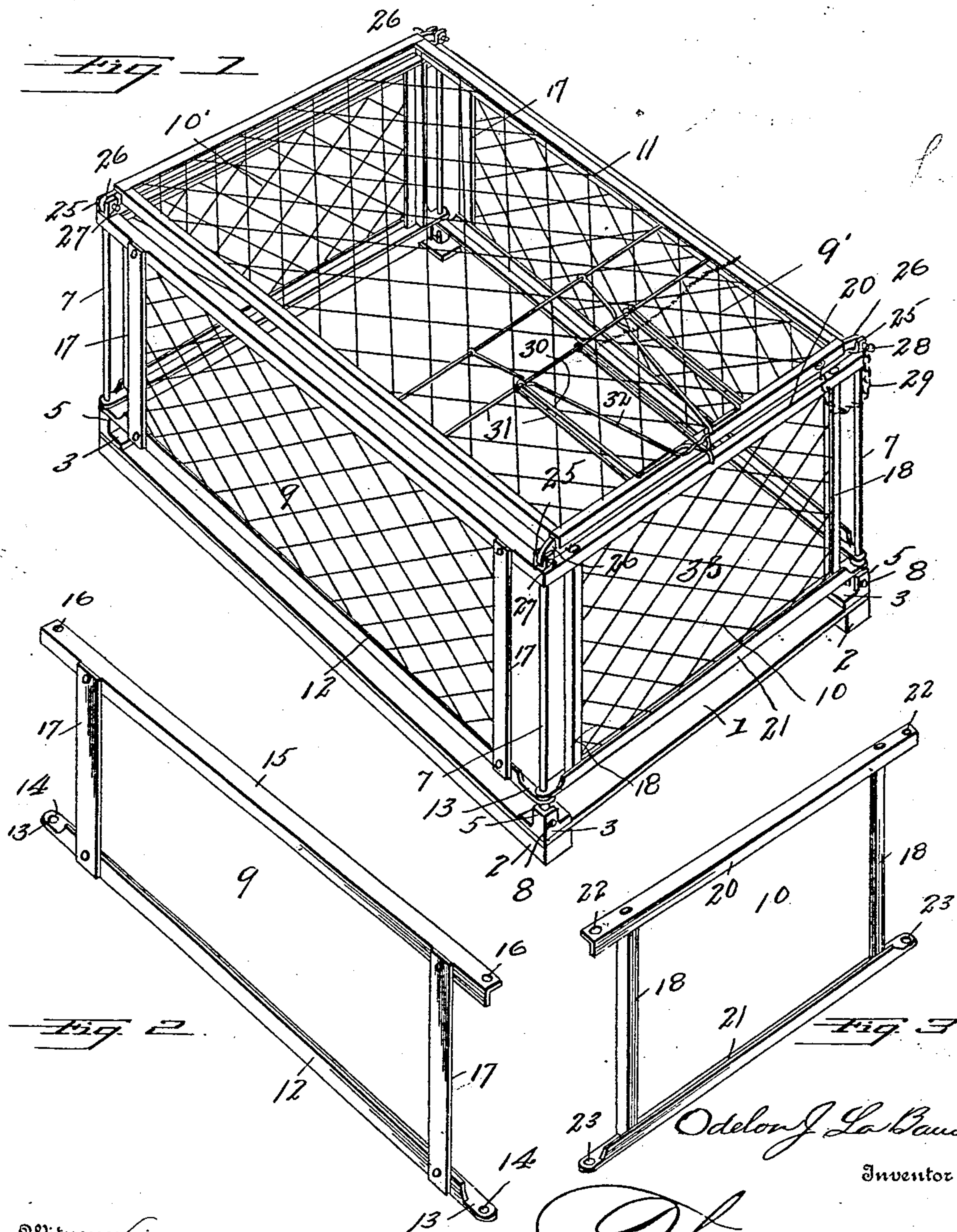
No. 855,790.

PATENTED JUNE 4, 1907.

O. J. LA BAUVE.
COOP OR CRATE.

APPLICATION FILED JULY 12, 1906.

2 SHEETS—SHEET 1.



Witnesses

Chas. H. Davies.

W. E. Moore.

Inventor

Attorney

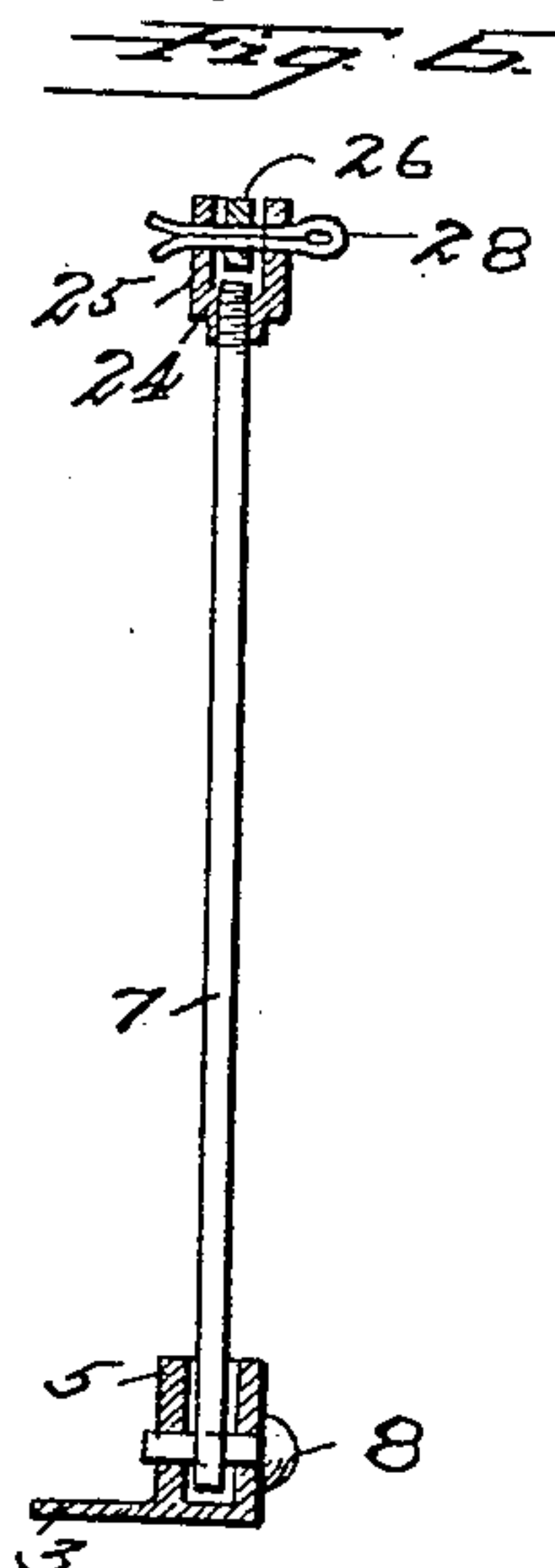
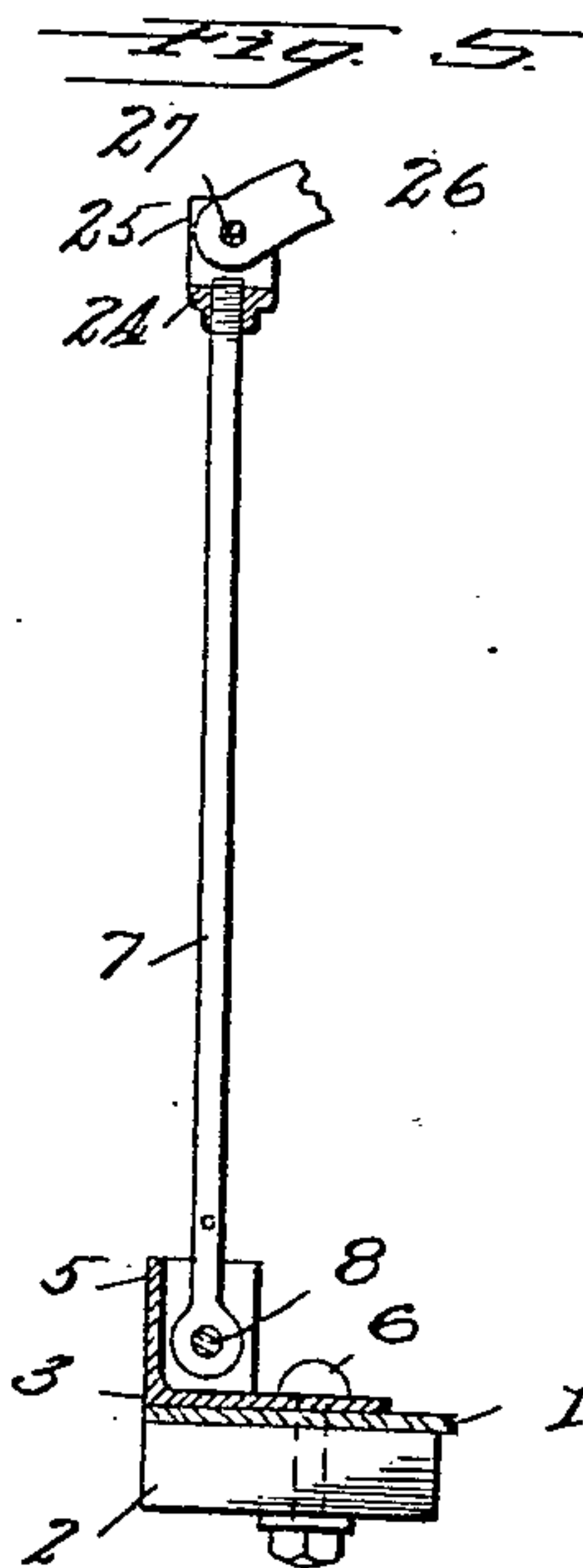
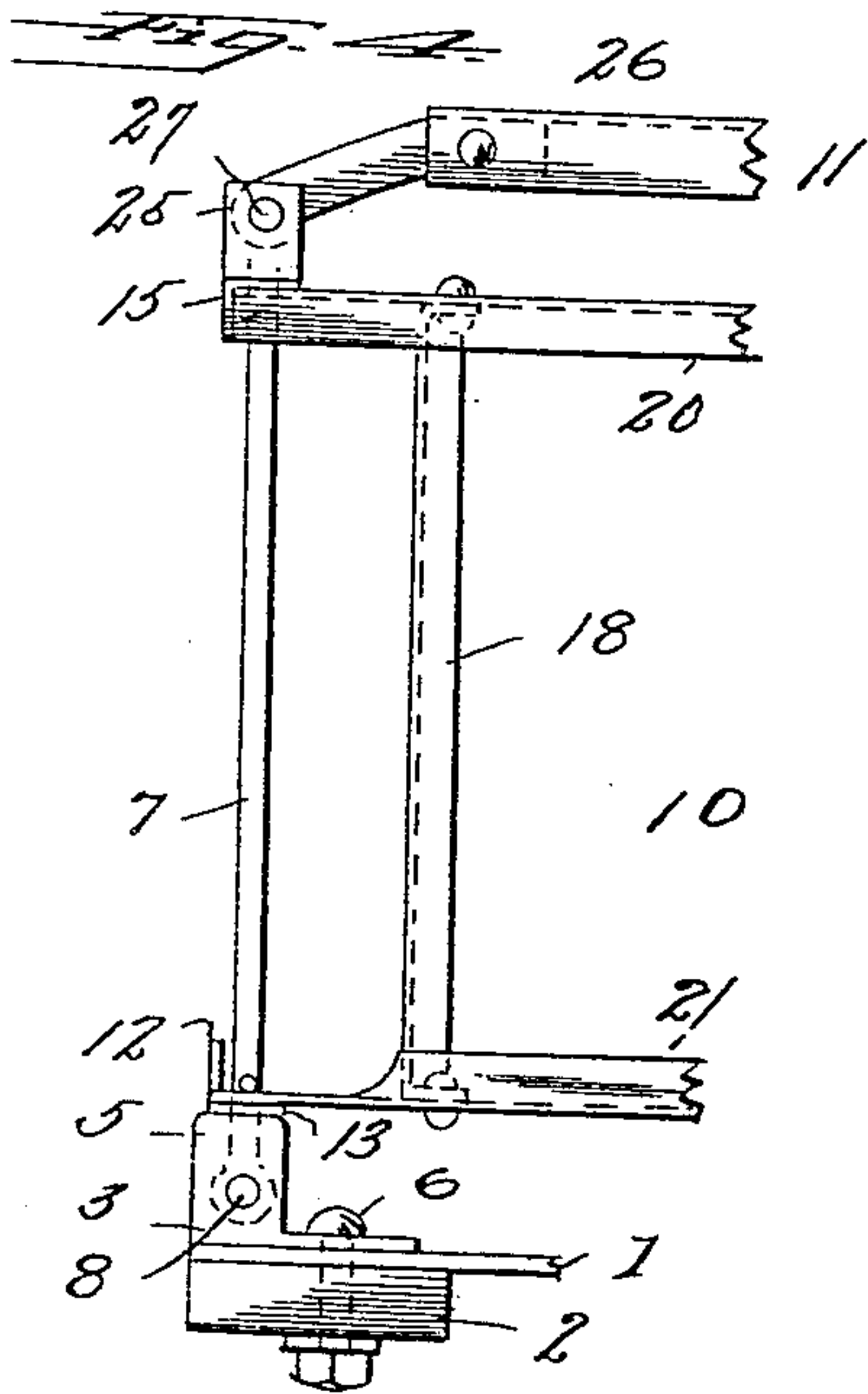
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UNITED STATES PATENT OFFICE.

ODELON JOSEPH LA BAUVE, OF EDNA, TEXAS.

COOP OR CRATE.

No. 855,790.

Specification of Letters Patent.

Patented June 4, 1907.

Application filed July 12, 1906. Serial No. 325,826.

To all whom it may concern:

Be it known that I, ODELON JOSEPH LA BAUVE, a citizen of the United States, residing at Edna, in the county of Jackson and State of Texas, have invented certain new and useful Improvements in Coops or Crates, of which the following is a specification, reference being had therein to the accompanying drawing.

10 My present invention relates to improvements in crates or coops, and is designed especially for transporting poultry, fowls etc, and has for its object the provision of a crate which may be easily assembled and taken
15 apart for packing; which will be strong and durable, light in weight and compact in construction, and which, when its parts are disconnected will be capable of close packing for storing and transportation.

20 With these main objects in view the main features of the invention consist essentially in a crate comprising a fixed bottom portion or base; removable or detachable sides and ends, a hinged detachable cover or top preferably provided with a door for the admit-
25 tance of poultry or fowl, and detachable upright posts or supports for the above mentioned members.

In the accompanying drawings an exemplification of the invention is disclosed according to the best mode I have so far devised for the practical application of the principles, and two modifications of the device are also illustrated.

35 Figure 1, is a perspective view of my complete coop. Fig. 2, is a similar view of one of the side members of the coop or crate. Fig. 3, is a like view of one of the end members. Fig. 4, is a broken side elevation of
40 one of the corners of the crate. Fig. 5, is a detail view of one of the corner bars and connections. Fig. 6, is a view of the same taken at right angles to the one shown in Fig. 5, showing parts thereof in section.

45 In the physical embodiment of my invention as illustrated in the drawings, the numeral 1 designates the base portion or bottom of the crate, which may be composed of suitable material; 2, 2, supporting bars extending
50 along the sides of the crate and secured to the underside of the bottom; 3, 3, 3, 3, metallic castings or corner plates, one of which is secured at each corner of the crate bottom; and provided with ears 5, affording bearings

as will be described; 6, 6, 6, 6, bolts extending through the ends of the supporting bars, the bottom, and the base portion of the metallic castings 3 at the corners of the crate and securing these members; 7, 7, 7, 7, metallic bars located at the corners of the crate
60 and having bearings in the ears 5 of their respective bearing castings; 8, 8, 8, 8, pins pintles, or other means for securing the upright bars 7 at their lower ends in the bearing ears of the castings or corner blocks; 9, 9' the two
65 sides of the crate; 10, 10' the two end members of the crate; 11, the top of the crate; 12 the lower horizontal bar of the side members, said bar being preferably constructed of angle iron and provided with flat ends 13 having
70 holes or openings 14 therein of a size to neatly fit over the upright bars 7; 15 the upper horizontal bar of the side members provided with holes 16 to fit over the upright bars, the holes 14 and 16 being in alinement; 17, vertical connecting bars on the side mem-
75 bers; 18, vertical metallic angle bars for connecting the upper bar 20 and lower bar 21 of the end members, all of said bars being of angle iron; 22 openings or holes in the upper
80 bar and 23, alined openings complementary to the upper openings 22, in the lower bar 21 of the end members; 24, 24, 24, 24, castings provided with ears 25, and a screw threaded bore adapted to engage threads on the upper
85 end of the vertical corner bars 7; 26, 26, the end bars of the top 11 of the crate said end bars being provided with openings therein complementary to openings in the ears of the
90 castings 24, and in two instances adapted to receive the pins or pintles 27 which pass through the openings in the end bars and the ears of the castings 24 to form a hinge joint, and at the other side of the crate, adapted to
95 receive cotter pins or other temporary fastenings as 28 for securing the top to the crate, the cotter pins may be held from disconnection with the top by a chain as 29; 30, a door in the top of the crate; 31 a framework constructed of rigid or stiff wire in the top of the
100 crate for supporting the door; 32, a spring made of a U-shaped wire having connection with the frame work and tending to keep the door closed; and 33, a wire mesh of suitable grade for the purpose desired.

On reference to the drawings it will be observed that the castings or bearing blocks
105 which support the four upright bars are open

on one side, that is, the side toward the crate, and when the upright bars are disconnected at their upper ends said bars may be folded to horizontal position on the floor or bottom of the crate.

By fashioning the upper bars of the sides and ends of the crate with square corners, as illustrated more clearly in Fig. 4, a stable and rigid construction is produced, and in addition to the rigidity secured by the upright corner bars passing through openings in the upper bars of the sides and ends, the overlapping corners of the ends of the angle irons insure a tight and practically immovable fit.

The top of the crate may be removed therefrom by disconnecting its end bars at the points where they are secured to the threaded castings on the upper ends of the four corner posts or uprights, and after these castings have been unscrewed from the corner posts, the side and end members of the crate may be removed therefrom, and laid flat upon the bottom of the crate, then the corner posts may be swung down to horizontal position on the crate bottom, thus compactly arranging the crate for storage or transportation.

From the above description taken in connection with the drawings it is evident that I have produced a crate which fulfils all the conditions set forth as the object or purpose of the invention, and one which will perform all the functions of a comparatively perfect device of this character.

Changes and alterations may be made within the scope of my claims, without substantially departing from the spirit of the invention, and such slight colorations or changes within the scope of my claims I consider covered thereby.

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

1. The combination in a crate of a base portion, upright corner posts supported thereon, side and end members of the crate supported on said posts with detachable connections thereto, and a hinged detachable

top having supporting connections at the upper ends of said posts.

2. The combination in a crate of a base portion, supporting blocks secured at the corners thereof, upright corner posts pivoted in said blocks, the sides and ends of the crate detachably connected to said posts, and the top detachably connected at the upper end of said posts.

3. The combination in a crate of a base portion, supporting blocks secured thereon, corner posts pivoted in said blocks, the sides and ends of the crate detachably connected to said posts, supporting members having detachable connection at the ends of the corner posts, and the top of the crate detachably connected to said supporting members.

4. The combination in a crate of a base portion, supporting block mounted thereon, upright corner posts supported on said block, side and end members of the crate detachably supported on said posts, said members having locking means at the corners thereof for insuring stability, and a detachable top on the crate.

5. The combination in a crate with a base portion of corner posts pivotally connected thereto, side and end members detachably connected to the posts, top supporting members secured by screw threads at the upper ends of the posts, and the top of the crate having its corners connected by pivots to said supporting members.

6. The combination in a crate with a base portion, of corner posts pivoted thereto, side and end members detachably connected to said posts, a plurality of bars of said side and end members having openings therein adapted to fit over the posts, and a top detachably connected to the corner posts.

In testimony whereof I affix my signature in presence of two witnesses.

ODELON JOSEPH LA BAUVE.

Witnesses:

L. E. KEIZER,
J. M. HUTCHEON.