

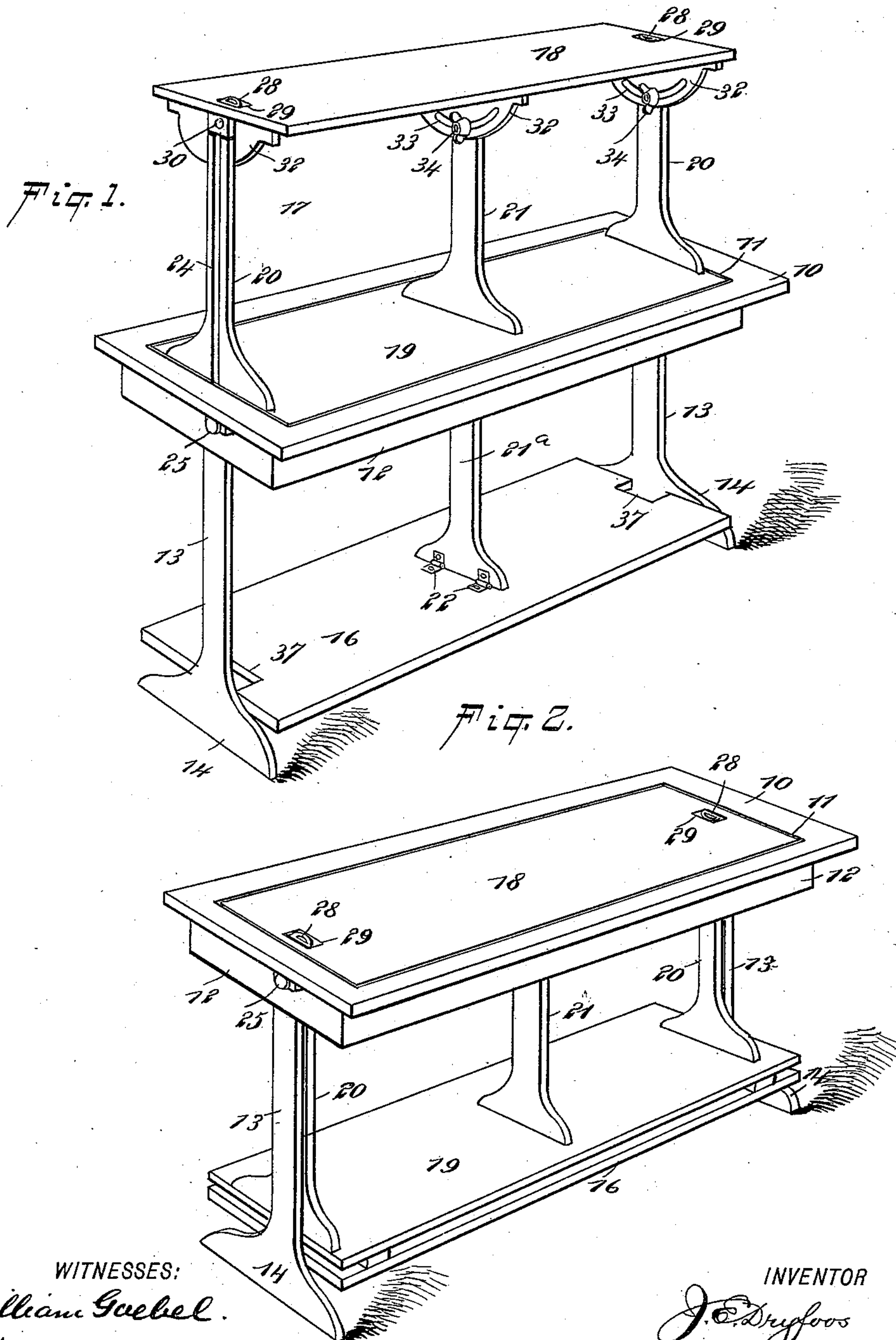
(No Model.)

2 Sheets—Sheet 1.

J. E. DRYFOOS.
TABLE AND RACK.

No. 549,869.

Patented Nov. 12, 1895.



WITNESSES:
William Guebel.
W. B. Hutchinson

INVENTOR
J. E. Dryfoos
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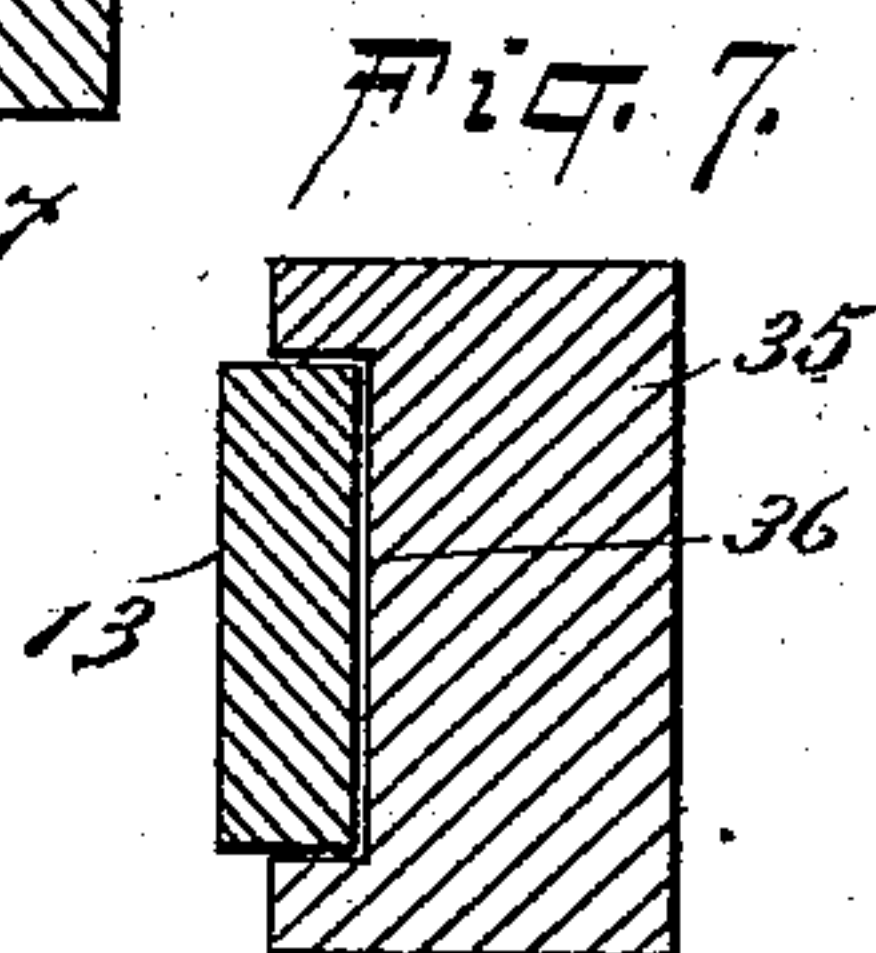
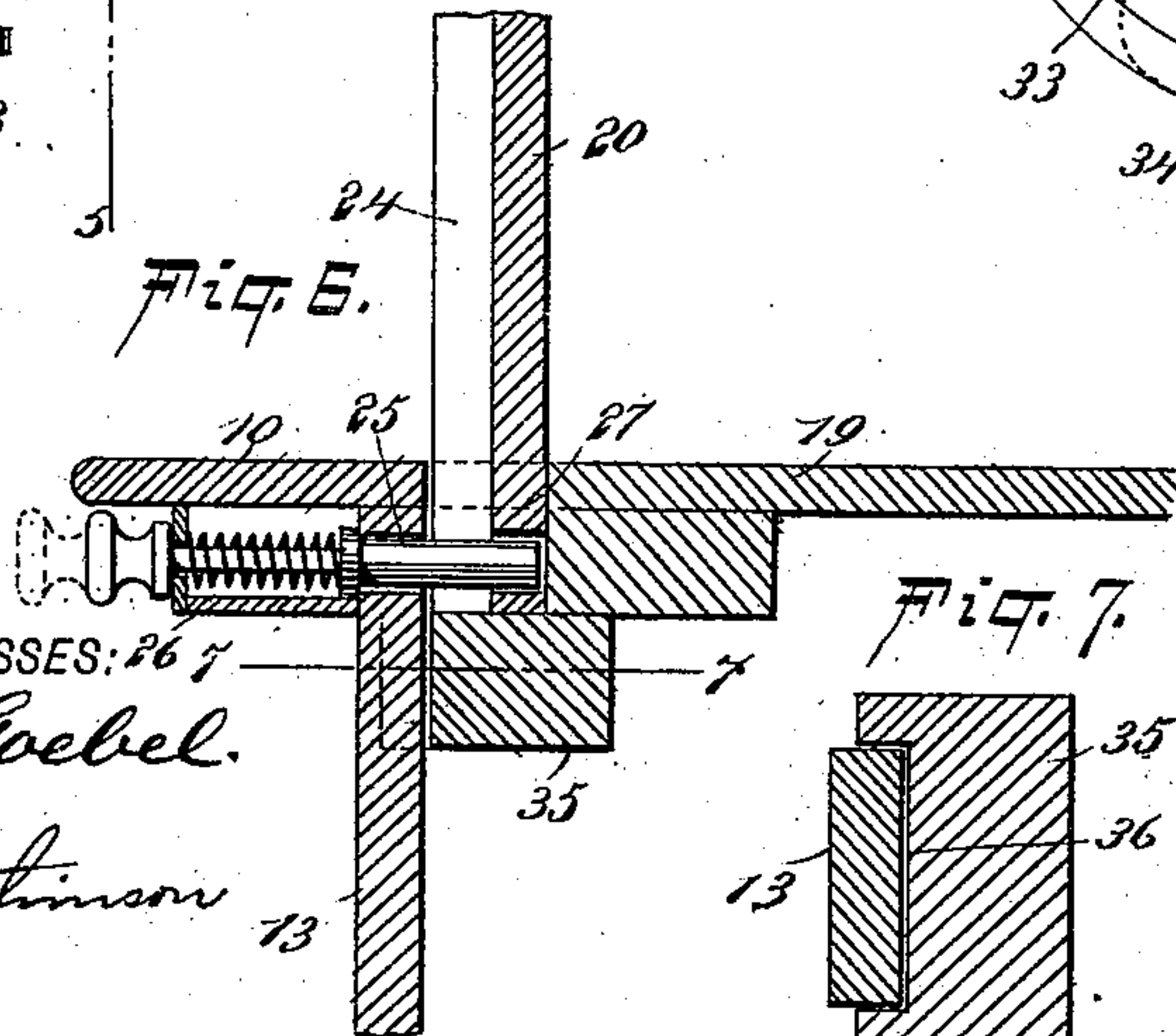
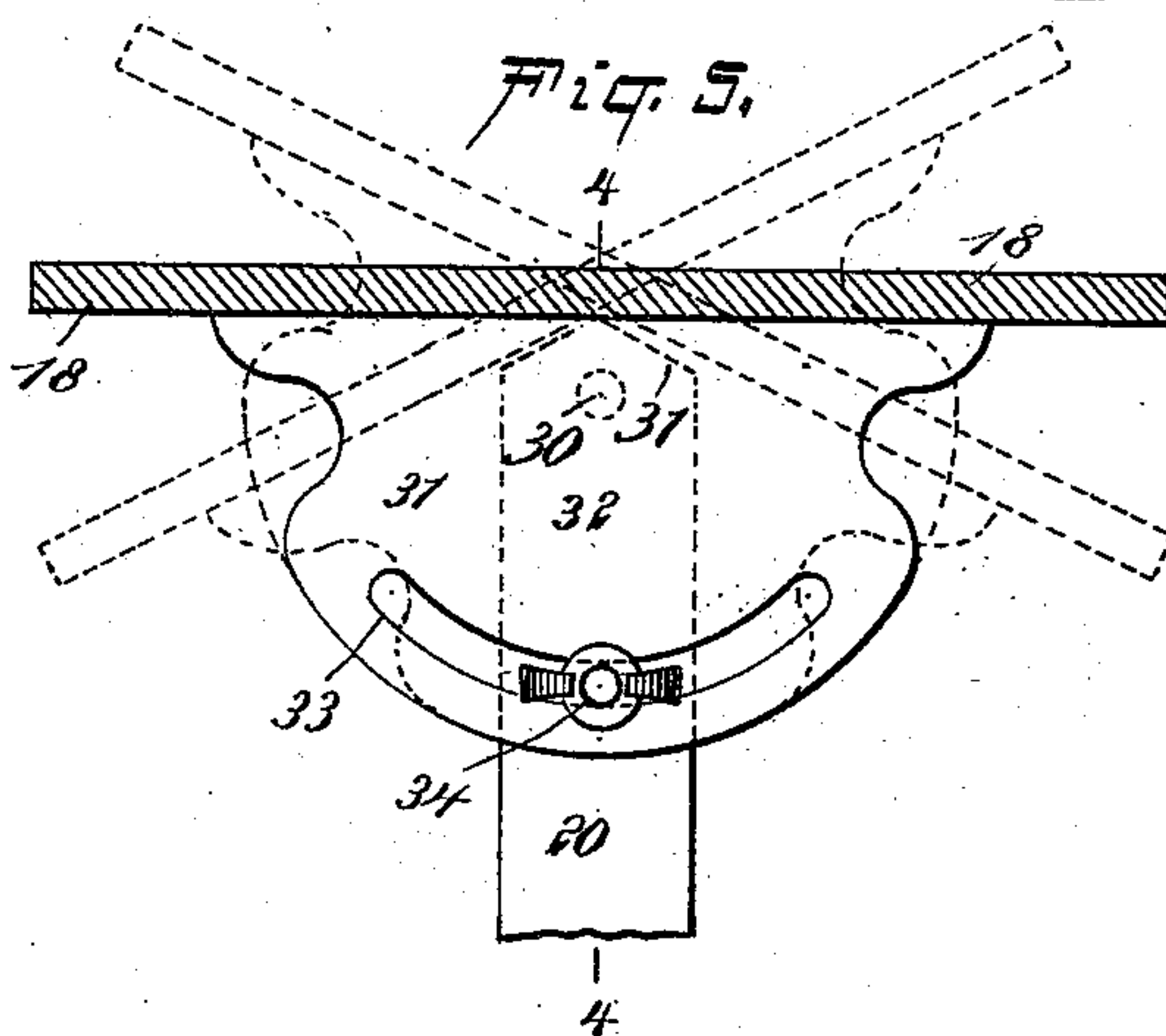
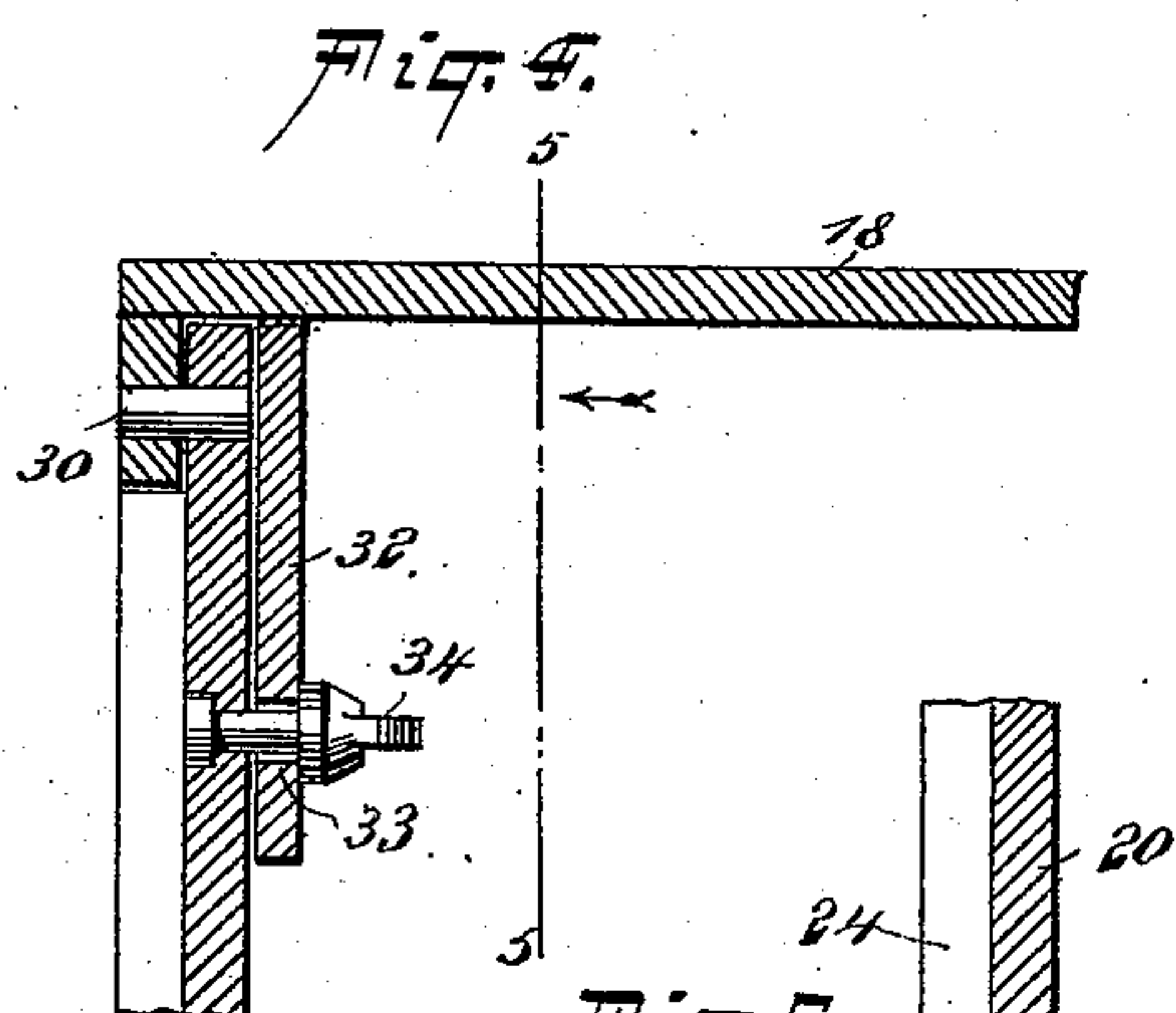
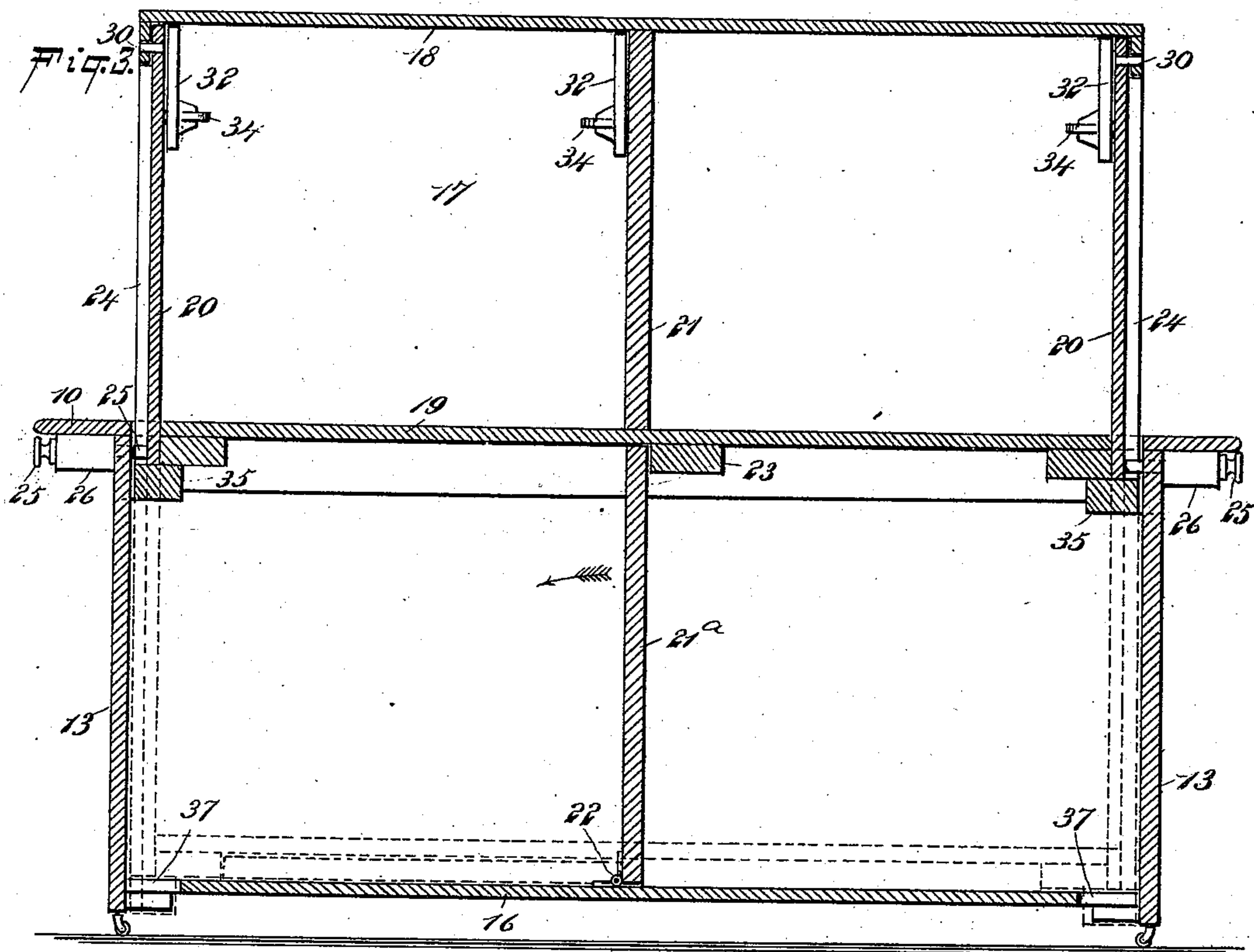
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2 Sheets—Sheet 2.

J. E. DRYFOOS.
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WITNESSES: *267*
William Goebel.
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UNITED STATES PATENT OFFICE.

J EMIL DRYFOOS, OF NEW YORK, N. Y.

TABLE AND RACK.

SPECIFICATION forming part of Letters Patent No. 549,869, dated November 12, 1895.

Application filed January 21, 1895. Serial No. 535,675. (No model.)

To all whom it may concern:

Be it known that I, J EMIL DRYFOOS, of New York city, in the county and State of New York, have invented a new and Improved Table and Rack, of which the following is a full, clear, and exact description.

My invention relates to improvements in a combined table and rack; and the object of my invention is to produce a device which may be arranged as an ordinary table, which may be conveniently converted into a display rack on which goods may be advantageously displayed when desired, which has means for adjusting the top of the rack so as to hold it at different inclinations, which can be very compactly arranged when necessary, and which is very simple and durable.

To these ends my invention consists of certain features of construction and combinations of parts, which will be hereinafter described and claimed.

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

Figure 1 is a perspective view of my improved device as arranged to form a rack. Fig. 2 is a perspective view of the device when formed into a table. Fig. 3 is a longitudinal vertical section of the device when in position to form a rack. Fig. 4 is an enlarged detail view on the line 4 4 of Fig. 5, showing the manner in which the rack-top is supported. Fig. 5 is a vertical section on the line 5 5 of Fig. 4, and shows the manner of adjusting the rack-top. Fig. 6 is an enlarged detail sectional view showing the means of fastening the rack-legs in an elevated position, and Fig. 7 is a sectional plan on the line 7 7 of Fig. 6.

The table-top 10 is cut out in the middle, as shown at 11, to provide for the rack-top, as hereinafter described, and around the recess thus formed and beneath the table is a flange 12, which covers the edges of the parts held in the orifice 11, and which serves, also, to brace the table.

The table is provided with suitable legs 13, which are widened at the bottom to form supporting feet 14, and, if desired, these may be mounted on casters, as shown in Fig. 3. The legs are connected near the foot by a base-

board 16, which serves to brace the legs and also as a support for a swinging middle leg, to be presently described.

The rack 17 is provided with a top board 18 and with a bottom board 19, which are adapted to alternately form the complete table-top, each being of a size to fit snugly in the orifice 11, and when the rack is pushed down to the position shown in Fig. 2 the top board 18 lies flush with the table-top 10, and when the rack is raised, as shown in Fig. 1, the bottom board 19 completes the table-top. The top and bottom 18 and 19 of the rack are connected by end legs 20 and a middle leg 21, and when the rack is raised it is braced by a folding leg 21^a, which is hinged to the base-board 16, as shown in Fig. 1, and is adapted to be tipped up so as to stand beneath the leg 21 and against the abutment 23 on the bottom board 19.

The legs 20 of the rack 17 are longitudinally grooved, as shown at 24, to receive the spring-bolts 25, which are arranged at the ends of the table, being held in the tops of the legs 13, (see Fig. 6,) and the spring bolts are held in suitable casings 26 and are adapted to enter sockets 27 at the lower ends of the legs 20 and so hold the legs and rack in a raised position. The spring-bolts also serve, by traveling in the grooves 24, to steady and guide the rack when it is being raised or lowered.

The rack is raised and lowered by means of pulls 28, which are of the usual kind and are secured to the rack-top 18, so as to fold downward out of the way into holes or recesses 29 when the rack is in use.

The top of the rack may be held level, as shown in Fig. 1, or it may be held at different inclinations, as shown by dotted lines in Fig. 5, and to facilitate such inclination the tops of the legs 20 are oppositely beveled, as shown at 31 in Fig. 5, and the top is pivoted by a pin 30 to the said leg, so that it may swing backward and forward. The top 18 is also provided with depending guide-plates 32, which swing opposite the legs 20, and these guide-plates have curved slots 33 to receive the thumb-bolts 34, which are fastened to the legs 20 and 21, and so after the rack-top is tilted to the desired inclination it may be fastened by tightening the nuts of the thumb-bolts. The lower ends of the legs 20 are

provided with blocks 35, which are grooved to slide on the legs 13, (see Fig. 7,) and which when the rack is dropped enter holes 37 in the base-board 16. When the device is to be
5 used as a table, the leg 21^a is folded down upon the base-board 16, the spring bolts 25 are pulled out from the sockets 27 and the rack 17 then drops, so that the rack-top 18 fills the orifice 11, and when it is to be used as a rack
10 and table, the rack is raised to the position shown in Fig. 1, the leg 21^a turned up, and the top 18 adjusted, as already described. It will be seen that when used as a rack the base-board 16, the table, and the rack-top 18 may
15 all be used to carry and display goods.

I have shown the device provided with three legs, both for the table and rack; but it is obvious that a greater or less number may be used without departing from the principle of the invention.
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Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. The combination with a table having its
25 top cut out, of a rack sliding in the cut out portion of the table and comprising legs, a top board adjustably pivoted to the upper

ends of the legs, and a bottom board rigidly secured to the lower ends of the said legs, and means for holding the rack in a raised position, substantially as described. 30

2. The combination, with the table and the base-board connecting the legs of the table, of the rack slidable up and down through the table top, the rack having a top and bottom, 35 each adapted to close the hole in the table top, and a folding leg on the base board adapted to swing up beneath the rack, substantially as described.

3. A combined table and rack, comprising 40 a table having an opening in its top and provided with a base board between its legs, a rack comprising legs, a top board adjustably secured to the upper ends of the legs and a bottom board rigidly secured to the lower 45 ends of the boards, means for holding the rack in a raised position, and a hinged leg on the base board of the table and engaging the bottom board of the rack, substantially as described.

J EMIL DRYFOOS.

Witnesses:

NATHAN LION,

JULIUS HEILBORN.