

No. 633,203.

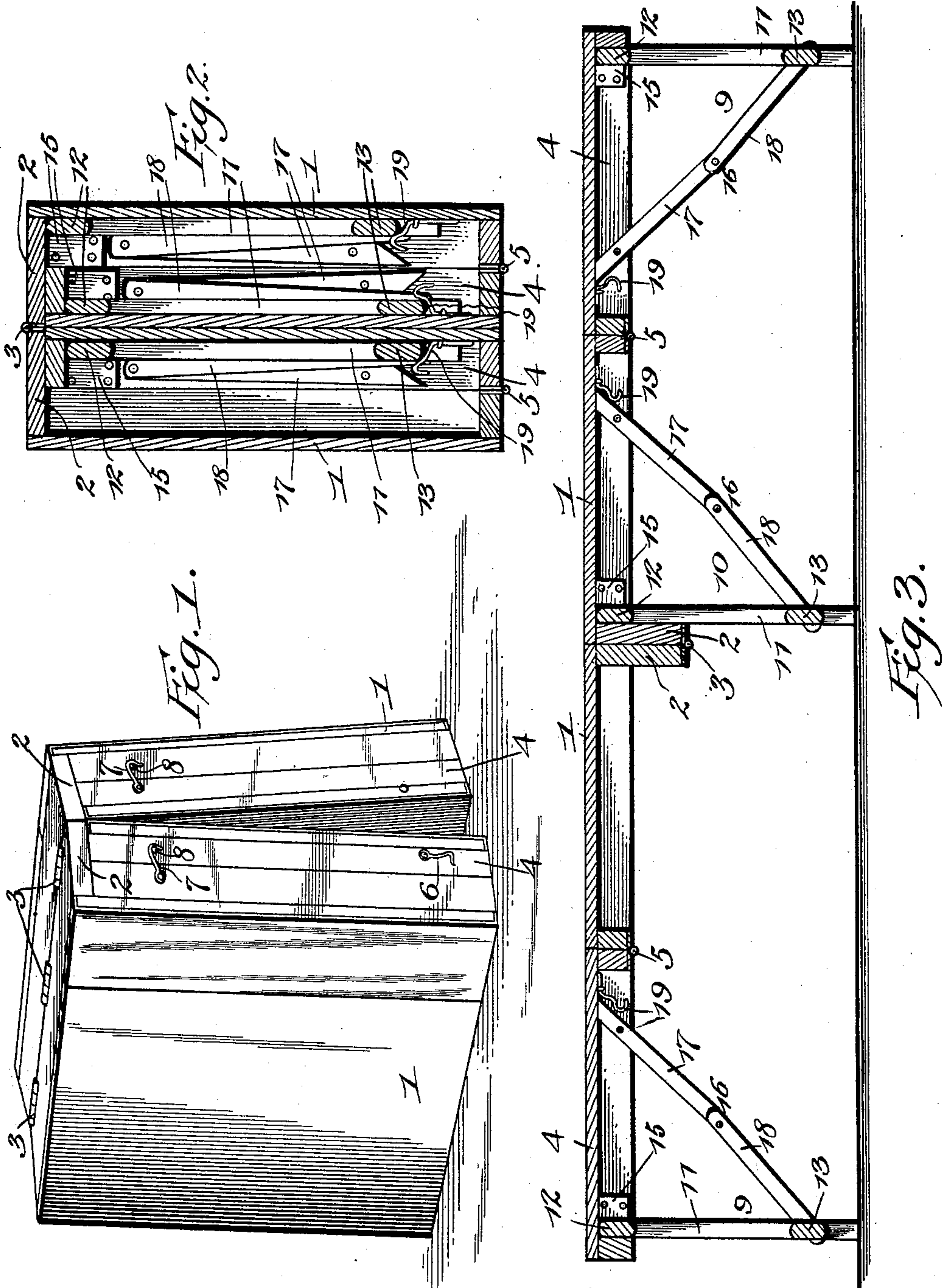
Patented Sept. 19, 1899.

H. MAKINEN.
FOLDING TABLE.

(Application filed Feb. 15, 1899.)

(No Model.)

2 Sheets—Sheet 1.



Witnesses

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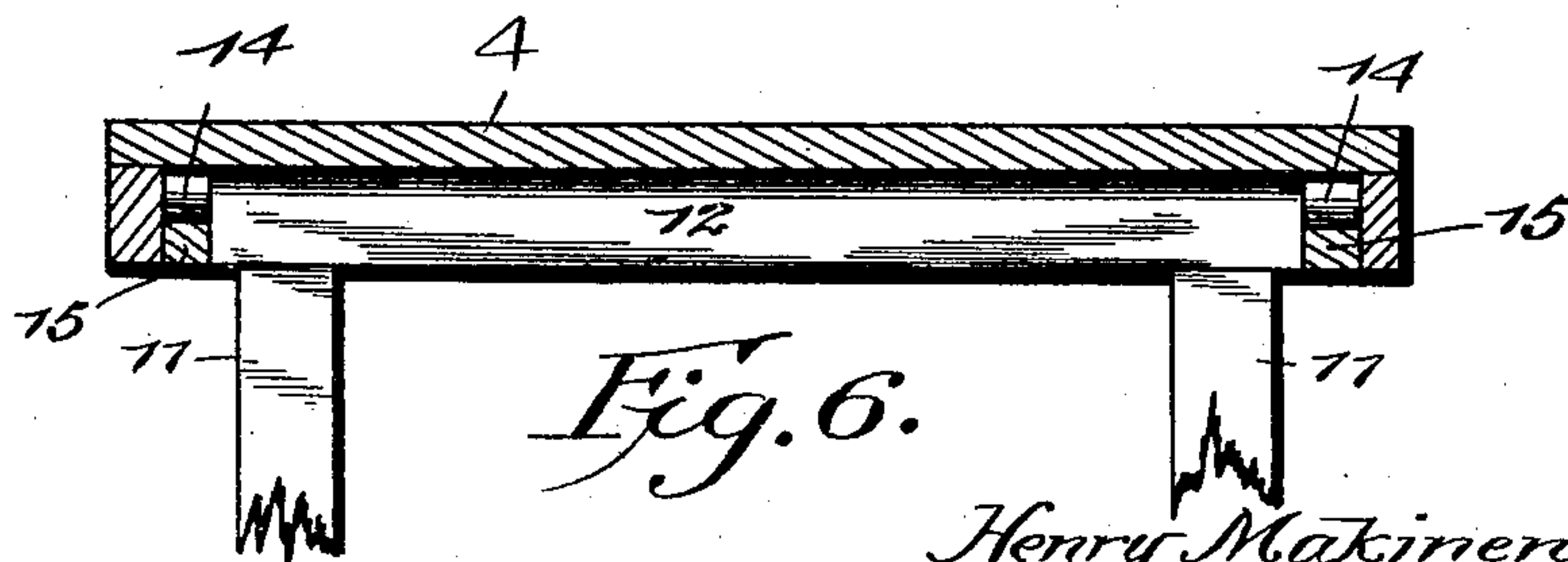
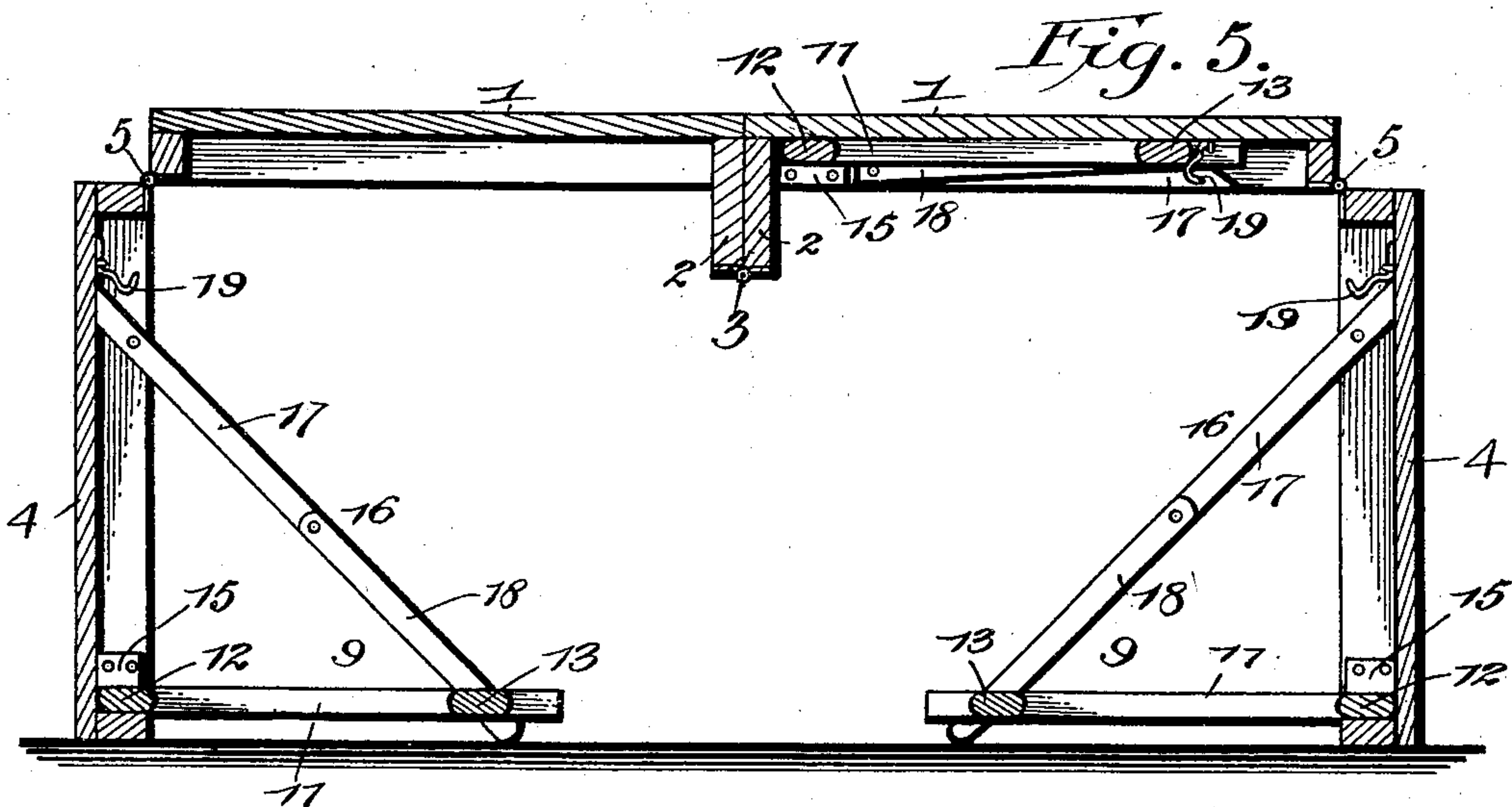
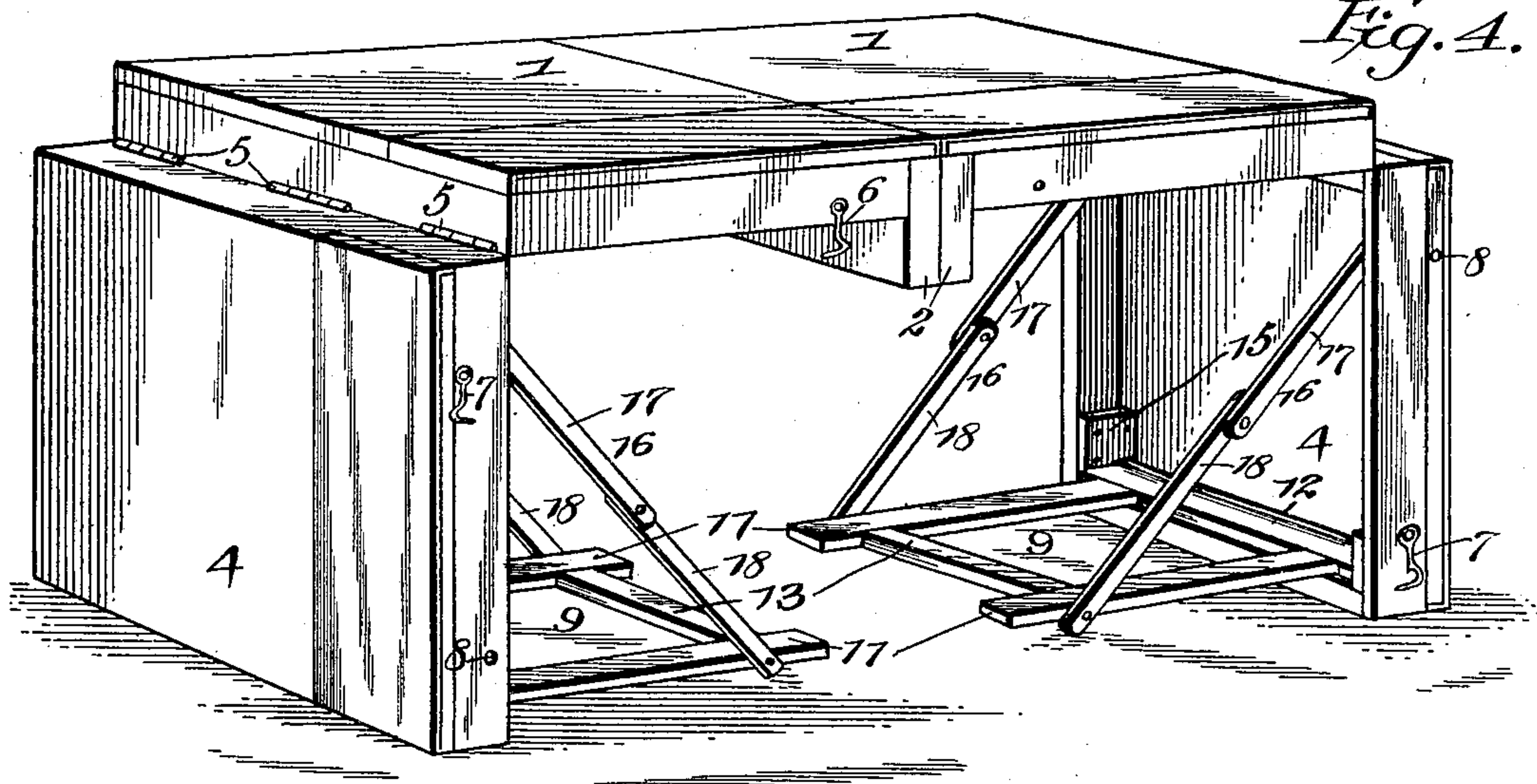
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2 Sheets—Sheet 2.



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UNITED STATES PATENT OFFICE.

HENRY MAKINEN, OF ASHTABULA, OHIO.

FOLDING TABLE.

SPECIFICATION forming part of Letters Patent No. 633,203, dated September 19, 1899.

Application filed February 15, 1899. Serial No. 705,569. (No model.)

To all whom it may concern:

Be it known that I, HENRY MAKINEN, a citizen of the United States, residing at Ashtabula, in the county of Ashtabula and State of Ohio, have invented a new and useful Folding Table, of which the following is a specification.

The invention relates to improvements in folding tables.

10 The object of the present invention is to improve the construction of folding tables and to provide a simple and comparatively inexpensive one designed especially for paper-hangers, adapted when folded to be
15 compactly arranged and to form a receptacle for tools and capable of being unfolded to a greater or less extent to provide a table of a size to suit the area of the room to be papered.

20 The invention consists in the construction and novel combination and arrangement of parts hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claims hereto appended.

25 In the drawings, Figure 1 is a perspective view of a folding table constructed in accordance with this invention, the central section being slightly separated to form a comparatively small table. Fig. 2 is a sectional
30 view showing the table completely folded. Fig. 3 is a vertical longitudinal sectional view showing the table completely unfolded. Fig. 4 is a perspective view showing the central or intermediate leaves arranged to form the
35 table-top, the end leaves serving as legs. Fig. 5 is a sectional view of the same, taken longitudinally of the table. Fig. 6 is a transverse sectional view, the parts being arranged as shown in Fig. 3.

40 Like numerals of reference designate corresponding parts in all the figures of the drawings.

1 1 designate central leaves or sections of box-like form provided at their edges with
45 marginal strips and having at their inner adjacent edges projecting cross-pieces 2, which are connected by hinges 3, whereby when the sections 1 are folded parallel with each other, as illustrated in Fig. 2 of the
50 accompanying drawings, they will be offset from each other sufficiently to provide a space for a pair of end leaves or sections 4. The

end leaves or sections 4, which are adapted to form extensions of the central leaves or sections 1, as illustrated in Fig. 3 of the accompanying drawings, are provided at their
55 edges with marginal flanges and have their inner ends connected with the adjacent ends of the central or intermediate section 1 by hinges 5, arranged to permit the section 4 to
60 fold inward beneath the central or intermediate sections. The cross-pieces 2 project beyond the edges of the marginal strips of the sections 1 a distance equal to the thickness
65 of the end sections 4, so that when the latter are folded they will be flush with the outer longitudinal edges of the said cross-pieces 2. When the sections are completely folded, they form two separate receptacles for tools,
70 material, and the like, and the parts are compactly arranged and can be conveniently carried in a carriage, wagon, or similar vehicle or in a street-car by a workman. The sections when folded are secured in such position
75 by hooks 6 and 7, located at the opposite sides of the table. The hooks 6 are mounted on either the end or central sections, as illustrated in the drawings, and are adapted to engage studs or projections of the adjacent
80 section, whereby the end sections are retained in their folded position on the central section. The hooks 7 are mounted on one of the end sections and are adapted to engage studs or projections 8 of the other end section, whereby the table is held completely
85 folded.

The end sections are provided with folding legs 9 and one of the central sections is provided at its inner end with a similar folding
90 leg 10, adapted to support the center of the table and designed to be used when the table is completely unfolded. Each leg consists of a pair of side bars 11 and connecting top and bottom bars 12 and 13, the top bar 12 being
95 provided at its ends with extensions forming journals 14, which are arranged in bearings of the marginal side strips, as clearly illustrated in Fig. 6 of the accompanying drawings. The legs 9 are journaled at the outer
100 ends of the sections 4 and the leg 10 is located at the inner end of the central leaf, and the bearings are preferably formed by blocks 15, secured to the inner faces of the side strips. Each leg is supported when extended by op-

posite braces 16, composed of bars 17 and 18, pivoted together at their inner ends and similarly secured to the side strips and to the leg near the bottom thereof. The upper ends of the bars 17 are cut at an angle and are adapted to abut against the top of the table to limit the outward movement of the braces. The bottom cross-bar 13 is engaged by a catch 19, which is adapted to retain the leg in its folded position. When the central or intermediate sections are employed to form a table-top, as illustrated in Fig. 4 of the accompanying drawings, the end sections or leaves are designed to support the table and their legs are arranged on the floor to prevent the table from accidentally collapsing. When the table is entirely unfolded to form an extension top composed of four leaves or sections, all three of the legs are employed, as shown, and the table is supported at the center and the ends. The table may be slightly opened, as illustrated in Fig. 1 of the accompanying drawings, to form a narrower table, the ends of the sections constituting the top of the table when the parts are in this position.

The invention has the following advantages: The folding table, which is simple and comparatively inexpensive in construction, is adapted to be compactly arranged to form a receptacle for material and tools and to enable it to be carried in a car, carriage, or other conveyance, and it is capable of enabling a table of a size to suit the room to be papered to be provided.

Changes in the form, proportion, size, and the minor details of construction within the scope of the appended claims may be resorted to without departing from the spirit or sacrificing any of the advantages of this invention.

What is claimed is—

1. A folding table comprising the central sections hinged together at their adjacent ends, the end sections hinged to the central sections and adapted to fold beneath and form

continuations thereof to increase the size of the top of the table, and capable of being arranged at right angles to the said central sections to support the same, and legs hinged to the free ends of the end sections and adapted to support the extreme ends of the table when the end sections form a part of the top thereof, and also adapted to rest upon the floor and prevent the end sections from collapsing when supporting the central sections, substantially as described.

2. A folding table comprising the central sections, hinged together at their inner ends and provided thereat with projecting cross-pieces of greater depth than the central sections and arranged to offset the central sections from each other when the same are folded into parallel relation, the end sections hinged to the free ends of the central sections to fold beneath the same and arranged to fold on the lower faces thereof, and the folding legs hinged to the free ends of the end sections, substantially as described.

3. A folding table comprising the box-like central sections provided at their inner ends with projecting cross-pieces of greater depth than said sections and hinged together at their bottom edges, the box-like end sections hinged to the outer end of the central sections and adapted to fold toward and lie opposite the lower faces thereof adjacent to the said cross-pieces, folding legs mounted within the end sections and hinged to the outer ends thereof and other legs within one of the central sections and hinged to the inner end thereof, substantially as described.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

HENRY MAKINEN.

Witnesses:

THO. FRICKER,
E. ERICKSON.