

F. L. VORDEMFELDE.
KNOCKDOWN FURNITURE.
APPLICATION FILED AUG. 11, 1910.

1,025,103.

Patented Apr. 30, 1912.

4 SHEETS-SHEET 1.

Fig. 1

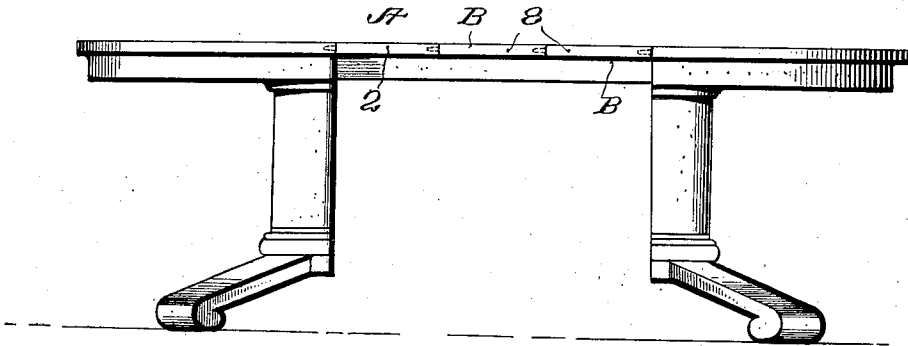


Fig. 2.

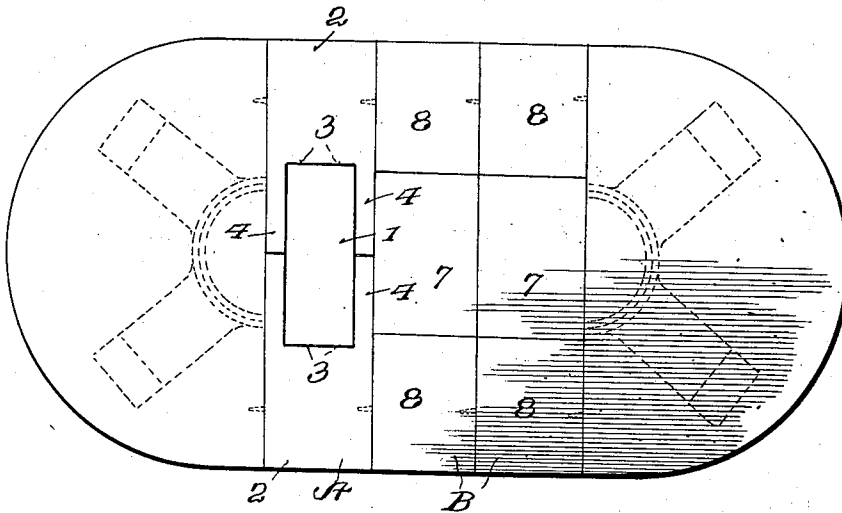
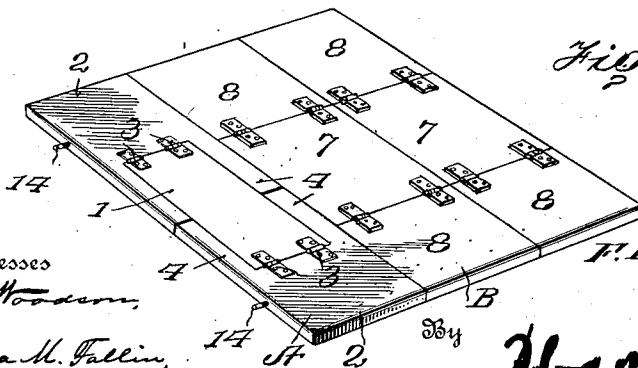


Fig. 3.



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Witnesses

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4 SHEETS—SHEET 2.

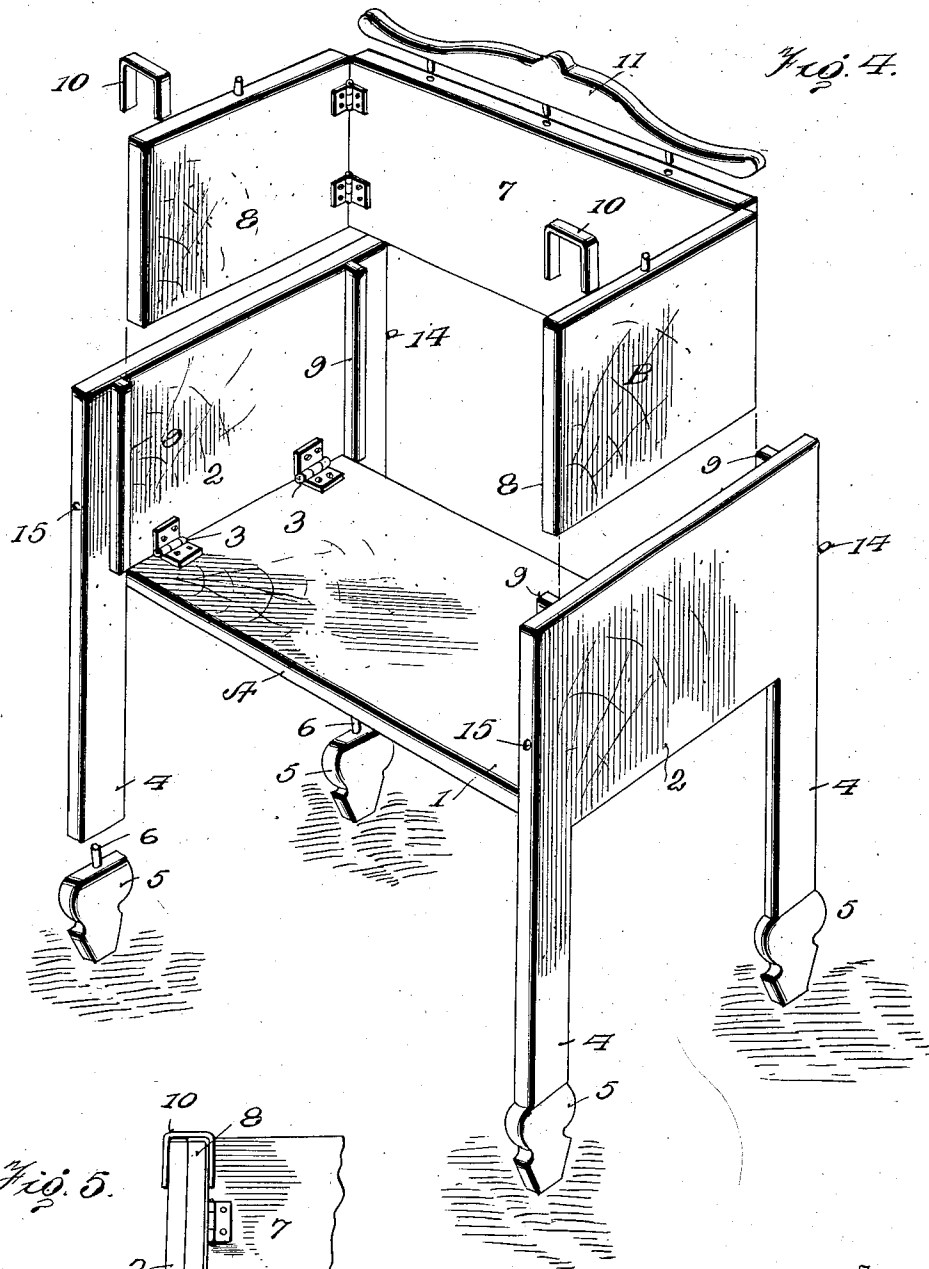


Fig. 5.

Witnesses
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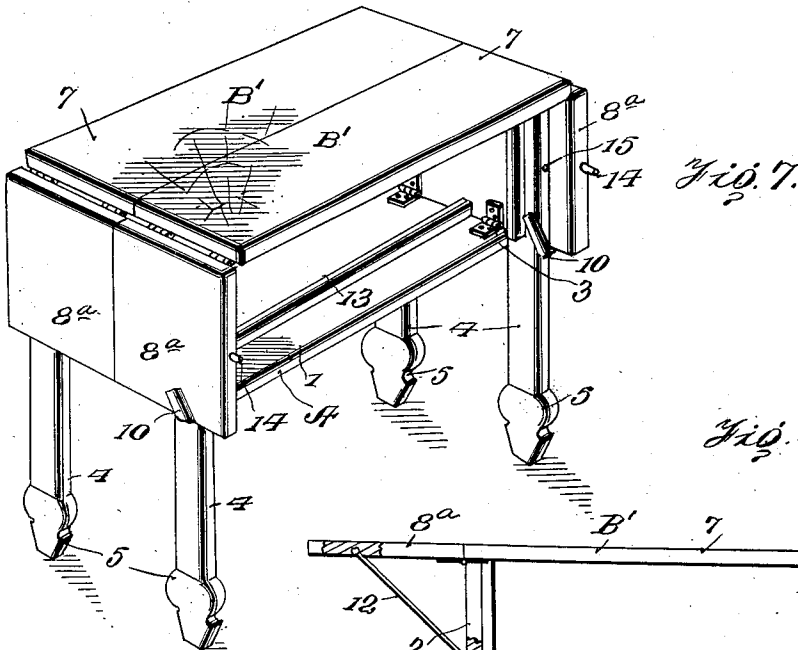
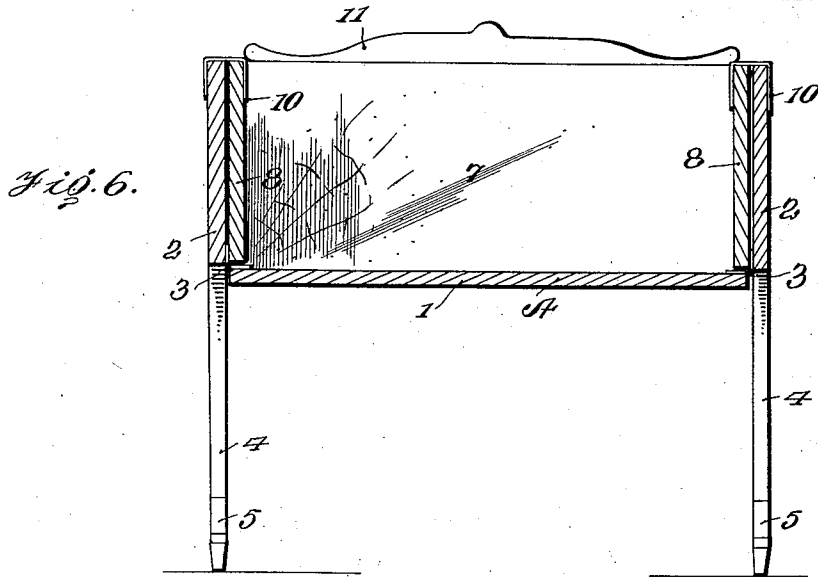
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4 SHEETS—SHEET 3.



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Fig. 8.

12 8^a B' 7 8^a

2 3 4 1

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34

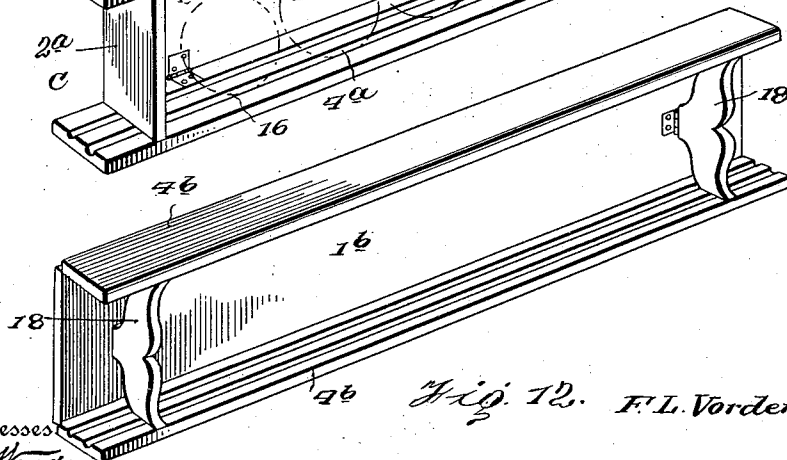
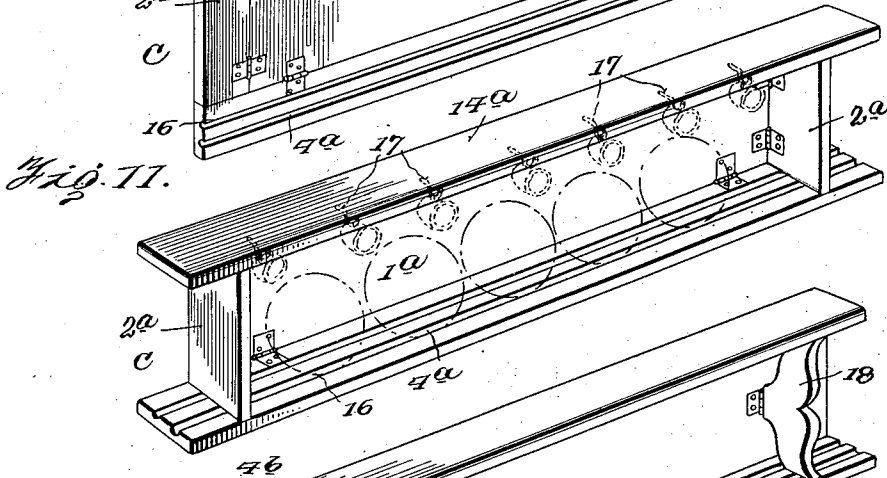
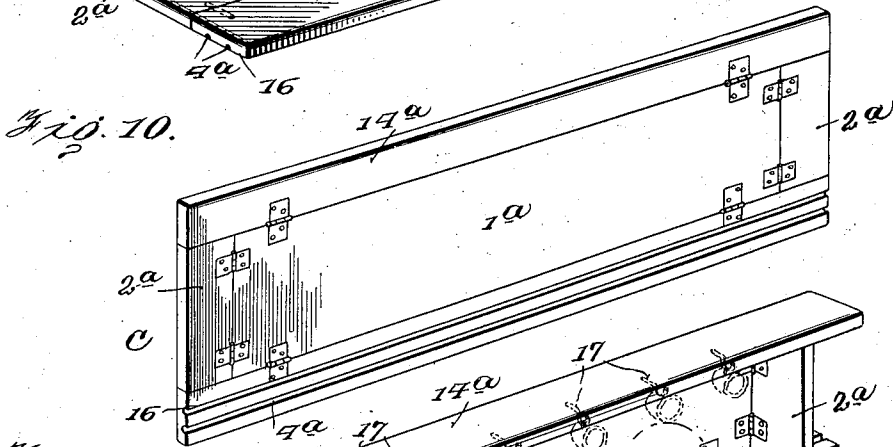
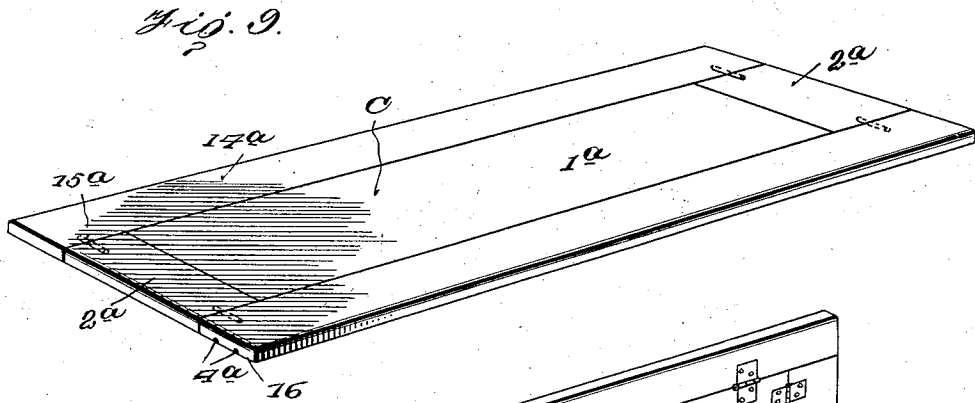
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4 SHEETS—SHEET 4.



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Fig. 12. F. L. Vordemfelde

By *Attn. Macay*, Attorneys.

UNITED STATES PATENT OFFICE.

FRED L. VORDEMFELDE, OF CELINA, OHIO, ASSIGNOR OF ONE-HALF TO DALTON MILLER, OF CELINA, OHIO.

KNOCKDOWN FURNITURE.

1,025,103.

Specification of Letters Patent.

Patented Apr. 30, 1912.

Application filed August 11, 1910. Serial No. 576,736.

To all whom it may concern:

Be it known that I, FRED L. VORDEMFELDE, citizen of the United States, residing at Celina, in the county of Mercer and State of Ohio, have invented certain new and useful Improvements in Knockdown Furniture, of which the following is a specification.

This invention comprehends certain new and useful improvements in furniture, and relates particularly to knock-down furniture, the invention having for its primary object peculiarly hinged sectional boards capable of being made into an article of furniture, such as a settee, or card table, and also capable, in their flat condition, of being used as filling boards for an extension table.

With this and other objects in view as will more fully appear as the description proceeds, the invention consists in certain constructions, arrangements and combinations of the parts that I shall hereinafter fully describe and claim.

For a full understanding of the invention, reference is to be had to the following description and accompanying drawings, in which:

Figure 1 is a side edge view of an extension table with filling boards therein; Fig. 2 is a top plan view of the table, illustrating one set of boards which may be formed into an article of furniture; Fig. 3 is a perspective view of a set of three boards; Fig. 4 is a perspective view of two boards illustrating how they may be arranged to form a settee; Fig. 5 is a fragmentary view of the settee; Fig. 6 is a longitudinal vertical section thereof; Fig. 7 is a perspective view illustrating a set of boards arranged as a table; Fig. 8 is a view illustrating a slightly different arrangement of table; Figs. 9 and 10 illustrate a board designed to form a plate-rack, when not in use as a table filler; and Figs. 11 and 12 are perspective views of other forms of plate-racks.

Corresponding and like parts are referred to in the following description and indicated in all the views of the drawings by the same reference characters.

In that embodiment of my invention illustrated in Figs. 1 to 6, inclusive, I employ, in the set of boards, a board A and one or more boards B, there being two of the boards B in the present instance. The board A consists of an intermediate section 1 and

two end sections 2, the end sections being hinged to the ends of the intermediate section 1, as indicated at 3. Each end section 2 embodies a pair of side extensions 4, which, in the spread-out condition of the parts, embrace the side edges of the intermediate section 1, the ends of said extensions 4 abutting in this relative position of the parts, as clearly illustrated in Figs. 2 and 3. When the end sections 2 are moved to a perpendicular position relative to the middle section 1, the side extensions 4 constitute legs for an article of furniture, and to secure the desired elevation I may, if found necessary, set the legs upon detachable foot sections 5 of an ornamental or other design, said foot sections being preferably provided with dowels 6 adapted to fit in sockets formed in the free ends of the extensions 4. Each of the boards B includes a middle section 7 and end sections 8 hinged thereto, as shown, the hinges, like the hinges of the board first described, all being butt hinges to prevent the movement of the end sections relative to the middle section in one direction, when all of the sections are in the same plane. Either of these boards B may be arranged to form the back and parts of the arms of a seat or settee, co-acting with the board A for such purpose. In this relation of the two boards, the board B, as best illustrated in Fig. 4, has its end sections swung to a perpendicular position relative to the intermediate section and set on edge with the middle section 7 interposed between the end sections 2 of the board A and with the end sections 8 set in between and against the inner faces of the sections 2, and preferably in between the cleats 9 that are secured in any desired way to the inner or opposing faces. To detachably hold the parts together in this position, I may employ clips 10 of spring metal or the like, the same being sprung down over the adjoining upper edges of the end sections 8 and 2. If desired, an ornamental filler strip 11 may be secured by dowels or other means to the upper edge of the intermediate section 7 of the board B, when the two boards are arranged in the form of a seat as just described. In the preferred proportions of the parts, the three sections of the board B are all of a width equal to the distance between the hinges 3 and the adjoining free edges of

the end sections 2 of the board A, as clearly indicated in Fig. 4 and illustrated best in Fig. 6.

As illustrating a modification of the invention, in which a board such as that hereinbefore referred to as the board A, may co-act with other boards to produce a card table or the like, reference is to be had to Fig. 7, wherein the board A is set up in the same form as that illustrated in Fig. 4, and in connection therewith there are two boards B', so proportioned that when their intermediate sections 7^a are laid side by side upon the upper edges of the end sections 2 of the board A, the end sections 8^a of the boards B' may hang down along the outer faces of the sections 2, being secured to said end sections by clips, such as those indicated at 10. In order to strengthen the boards and table thus formed and assist in securing the parts together, I may employ a cleat 13 which is interposed between the two end sections 2, the ends of the cleat abutting against the opposing faces of the end sections 2 and co-acting with the clips 10. As a further modification, reference is to be had to Fig. 8, where it will be seen that if desired the end sections 8^a may be swung out and held in extended position by struts 12.

Preferably, the several boards are provided on one side edge with dowel pins 14 and on the opposite side edge with sockets 15, so that when any of the articles of furniture formed by the boards are knocked down, the parts may be securely connected together and used in the customary manner as filling boards for the two extensible sections of a table, as illustrated in Figs. 1 and 2, it being understood that all of the parts are of a length equal to the width of the table with which they are designed to be used.

For further modifications, reference is to be had to Figs. 9, 10 and 11 in which is illustrated a filling board, designated C, embodying an intermediate section 1^a, two hinged sections 2^a, and a pair of hinged or side extensions 4^a which extend, when the parts are arranged flat out with respect to each other, over the end sections 2^a, as best illustrated in Figs. 9 and 10. In this position of the parts, they may be held flat out and the board used as a filler in the table, the sections being secured together by relatively small dowels 15^a, as indicated in Fig. 10. It is to be particularly noted that one of the side extensions 4^a is grooved, as indicated at 16, so as to serve for the base board of a plate rack, when the two side sections are turned inwardly at right angles to the intermediate section 1^a, and the end sections are turned inwardly at right angles to the intermediate section. The parts may be secured

together in this position in any desired way and be suspended from a wall by suspension hooks of any desired character. Preferably, the other side extension 4^a is provided with a number of hooks 17 by which cups may be suspended. Another modified form of this idea is illustrated in Fig. 12. In this modification, the end sections are done away with and in lieu thereof hinged clips 18 are secured to the intermediate section 1^b and support the side extensions 4^b in right angular relation to the intermediate section 1^b.

Having thus described the invention, what is claimed as new is:

1. An article of knock-down furniture, including a board embodying an intermediate section and two end sections hingedly connected thereto and formed with side extensions adapted to embrace the side edges of the intermediate section with the three sections arranged in the same plane, another board of the same length as the first-named board and embodying an intermediate section of a length to extend from one end section to the other of the first-named board when the end sections and side extensions of said board are arranged in perpendicular relation to the intermediate section thereof, the second-named board also embodying end sections hingedly connected to the intermediate section of said board and adapted to engage the end sections of the first-named board in overlapping relation thereto, and means for connecting together the overlapped end sections of the respective boards.

2. An article of furniture including a board embodying an intermediate section and two end sections hingedly connected thereto and formed with side extensions adapted to embrace the side edges of the intermediate section with the three sections arranged in the same plane, another board embodying an intermediate section of a length equal to the intermediate section of the first named board, the second-named board also embodying end sections hingedly connected to the intermediate section of such board and arranged for overlapping relation with the end sections of the first-named board when the end sections of both boards are arranged in perpendicular relation to the intermediate sections thereof, and means for detachably connecting together the overlapping end sections of the respective boards, said two boards being of equal length and rectangular in outline.

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

FRED L. VORDEMFEDE. [L. S.]

Witnesses:

J. D. JOHNSON,
GERHARD VORDEMFEDE.