Dec. 23, 1924. 1.520,641

N. GIARD

FURNITURE SET

Filed Feb. 18, 1924 3 Sheets-Sheet 1

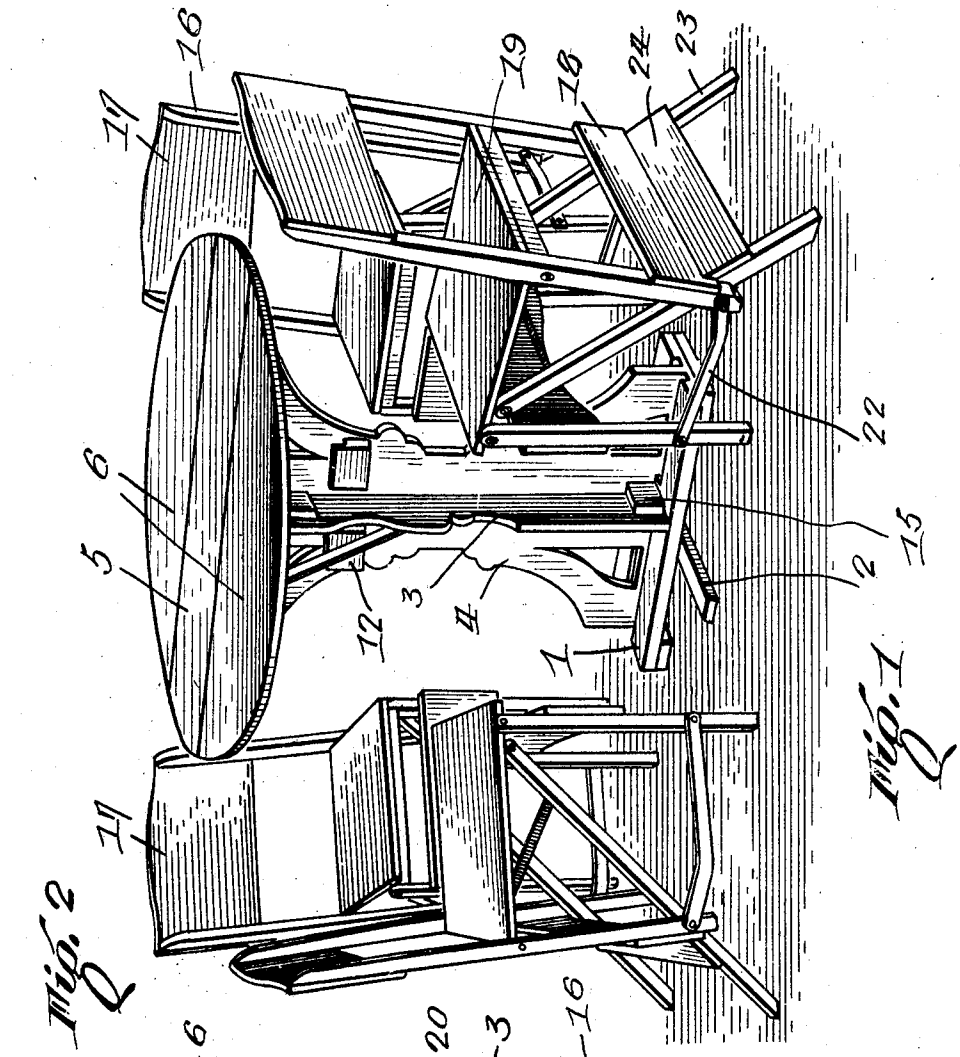
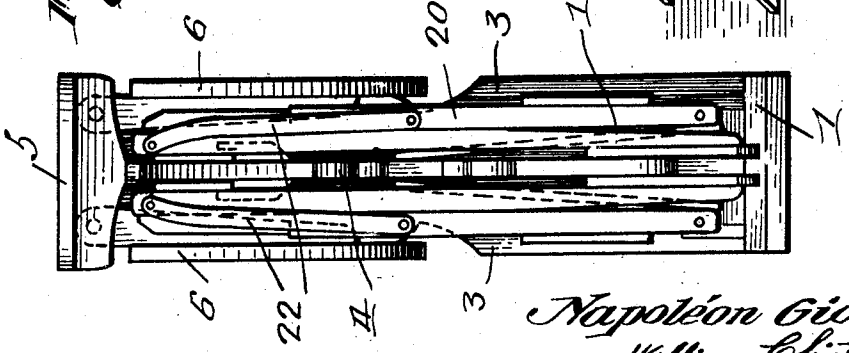


Fig. 1

Fig. 2



Inventor

Napoléon Giard

By William Clinton

Attorney

Dec. 23, 1924. 1,520,641

N. GIARD

FURNITURE SET

Filed Feb. 18, 1924 3 Sheets-Sheet 2

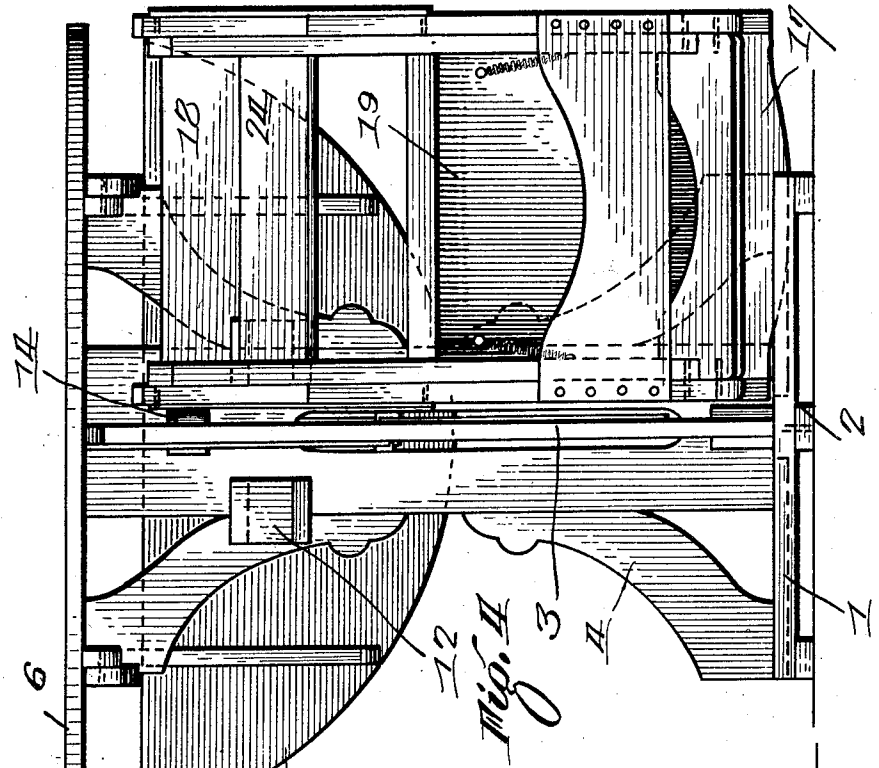


Fig. 4

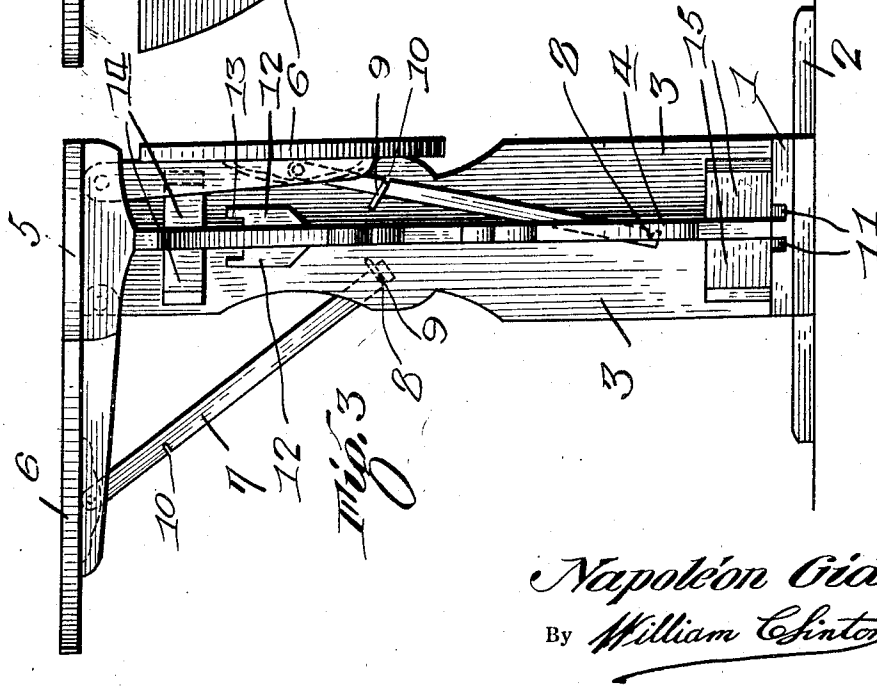


Fig. 3

Inventor

Napoléon Giard

By William C. Sinton

Attorney

Dec. 23, 1924. 1,520,641

N. GIARD

FURNITURE SET

Filed Feb. 18, 1924 3 Sheets-Sheet 3

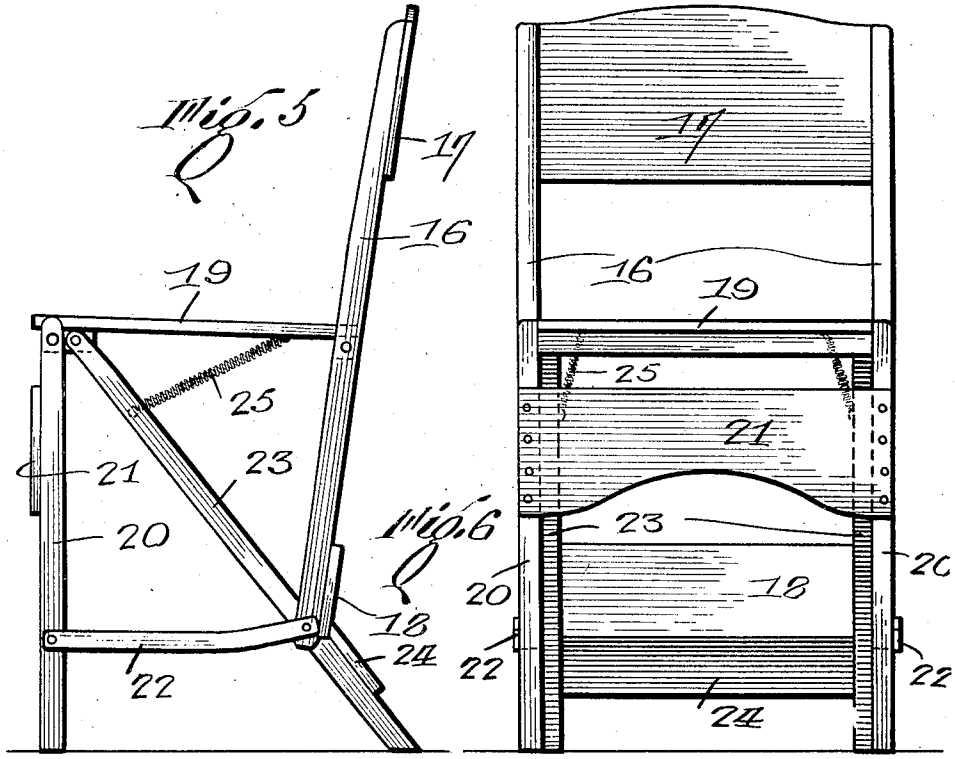


Fig. 5

Fig. 6

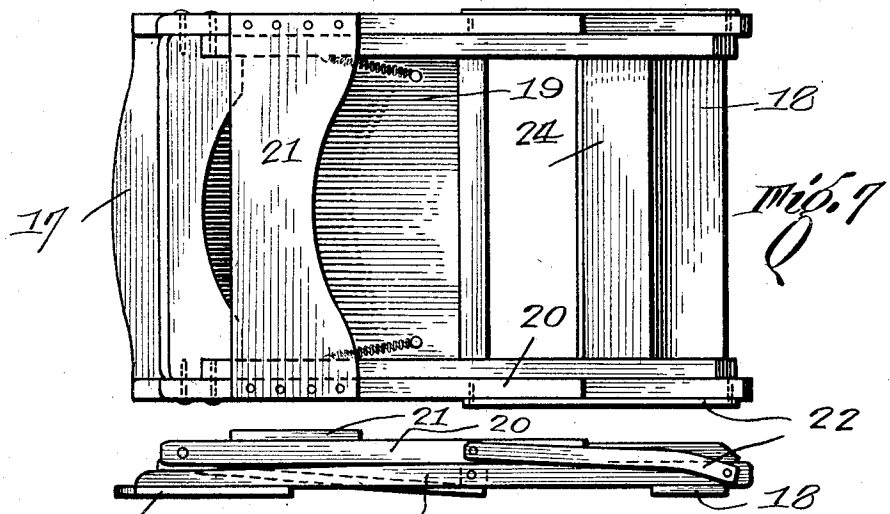


Fig. 7

Fig. 8

Inventor

Napoléon Giard

By William Clinton

Attorney

Patented Dec. 23, 1924. 1,520,641

UNITED STATES PATENT OFFICE.

NAPOLÉON GIARD, OF ST. MICHEL DE ROUGEMONT, QUEBEC, CANADA.

FURNITURE SET.

Application filed February 18, 1924. Serial No. 693,672.

To all whom it may concern:

Be it known that I, NAPOLÉON GIARD, a subject of the King of Great Britain, residing at St. Michel de Rougemont, Province of Quebec, Canada, have invented certain new and useful Improvements in Furniture Sets; and I do hereby declare that the following is a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

The present invention pertains to a novel furniture set including a table and a number of chairs adapted to be supported by the table. The outfit may be collapsed for shipment or storage by folding the chairs and supporting them against the table by the means provided for this purpose. The table top further includes hinged side panels adapted to be folded down over the chairs when the latter are supported by the table.

More particularly, the table includes a base, pedestal, and top supported upon the pedestal. To the pedestal is secured a number of brackets adapted for the support of the chairs. The chairs are foldable, each including among other parts a pair of back rails and a bottom strip laid across the lower ends thereof. The bottom strip of each chair is adapted for reception in one of the brackets, whereby the chairs are suspended on the pedestal in inverted position. In the base of the table are cut grooves adapted to receive the upper ends of the backs of the chairs whereby the latter are held securely in place. The hinged panels above referred to may now be folded over the supported chairs, thus forming a compact body conveniently adapted for shipping or storage.

The invention is fully disclosed in the following description and in the accompanying drawings in which:

Figure 1 is a perspective view of the outfit;

Figure 2 is an elevation of the outfit collapsed;

Figure 3 is a side elevation of the table, one of the panels thereof being lowered and the other being raised;

Figure 4 is an elevation at right angles to Figure 3, showing one of the chairs attached to the body of the table;

Figure 5 is a side elevation of one of the chairs;

Figure 6 is a front elevation thereof;

Figure 7 is a rear elevation thereof; and,

Figure 8 is an edge view.

Reference will now be had to these views by means of like characters which are employed to designate corresponding parts throughout.

The table is built upon a base comprising a bottom strip 1 and a similar strip 2 at right angles thereto. Upon the base is erected a pedestal consisting of a pair of wings 3 and 4 intersecting each other at right angles, as shown in Figures 1, 3 and 4. A single panel 5 is laid upon the pedestal in alinement with the wing 3. To the lateral edges thereof are pivoted end panels 6 adapted to be raised or lowered with reference to the single panel 5. To the lower surfaces of the end panels 6 are pivoted braces 7. The lower ends of the braces are notched as at 8 whereby they are adapted for support within the staples 9 secured to the wing 3. The panels 6 are maintained in the same plane with the panel 5 when the braces are raised so that the staples are received in the notches 8. When the notches are released from the staples, the panels may be lowered as shown in Figures 2, 3 and 4. The braces are further provided each with an intermediate notch 10 for receiving the corresponding staple 9 in such a manner as to lock the side panels in lowered position.

The base 1 is formed in its upper surface with a pair of longitudinal grooves 11 cut at opposite sides of the wing 3. Each side of the wing 4 carries a pair of brackets 12, one at each side of the wing 3, there being four such brackets in all. Each bracket is formed in its upper edge with a groove 13 as clearly shown in Figures 1 and 3. Upon the brackets are disposed spacing blocks 14 secured to both faces of the wing 3 and at opposite sides of the wing 4. Similar blocks 15 are secured in like manner to the wing 3 at the base 1. The purpose of the grooves 11, brackets 12, and blocks 14 and 15 will presently be pointed out.

There is provided for use in connection with the table a set of four chairs, all of identical construction. Each chair comprises a pair of vertical back rails 16 connected at the upper ends by a strip 17 and at the lower ends by a bottom strip 18. To the back is pivoted a seat 19, from the forward end of which depends a pivoted front consisting of a pair of spaced rails 20 connected by a front strip 21. The rails 20 are connected to the lower ends of the rails 16

by means of links 22. From the forward edge of the seat extends also a pair of diagonal rails 23 which pass across the lower ends of the rear rails 16 when the chair is in position for use. Across the lower ends of these rails is laid a supporting strip 24 adapted to support the bottom strip 18, for holding the chair in the position shown in Figures 1 and 5. A pair of springs 25 connecting the diagonals 23 to the seat 19 tend to pull the same against the strip 18.

The outfit may be collapsed for storage or shipping in such a manner that the chairs and table are individually collapsed and held together in a compact mass. The chairs are collapsed to the position shown in Figure 8 by bringing the diagonals 23 forward against the forward rails 20 and then lowering the back so that the rails 16 thereof are alined with the rails 20 and 23. The seat then engages the upper part of the back member, and the links are also in alinement with the rails 20, as illustrated in Figures 7 and 8. The strip 18 extends beyond the supporting strip 24, as also shown in these figures.

When the set is to be collapsed for shipment or storage, the chairs in folded condition are inverted and placed adjacent the wings 3 and 4. The lower back strips 18 are supported on the brackets 12, whereupon the upper back strips 17 are adapted for entrance in the grooves 11. The blocks 14 and 15 serve to prevent the chairs from directly engaging the wings.

The braces 7 are now pushed upwardly towards the top of the table so that the notches 8 thereof are disengaged from the staples 9. The braces are then lowered through the staples, whereupon the side panels 6 swing downwardly and partly cover the chairs. At the end of this movement, the notches 10 of the braces receive the staples 9, whereby the hinged panels are locked in lowered position.

While a specific embodiment of the invention has been illustrated and described, it is to be understood that various alterations in the details of construction may be made without departing from the spirit of the invention as indicated by the appended claims.

Having thus fully described the invention, what I claim as new and desire to protect by Letters Patent is:—

1. A furniture set comprising a table including a base, pedestal, top, and a bracket secured to said pedestal, in combination with a chair including a pair of back rails, a strip secured across the lower ends of said rails, a seat pivoted to said rails intermediate the ends thereof, forward rails pivoted to the forward end of said seat, diagonal rails pivoted to the forward end of said seat and adapted to pass across the lower ends to said back rails, a supporting strip extending across the lower ends of said diagonal rails and adapted to support said first named strip, said first named strip being adapted for reception in said bracket.

2. A furniture set comprising a table including a base, pedestal, top, and a bracket secured to said pedestal, in combination with a chair including a pair of back rails, a strip secured across the lower ends of said rails, a seat pivoted to said rails intermediate the ends thereof, forward rails pivoted to the forward end of said seat, diagonal rails pivoted to the forward end of said seat and adapted to pass across the lower ends to said back rails, a supporting strip extending across the lower ends of said diagonal rails and adapted to support said first named strip, said first named strip being adapted for reception in said bracket, side panels hinged to said table top and adapted to overlie said chair when supported by the bracket.

In witness whereof I have hereunto set my hand.

NAPOLÉON GIARD.