May 25, 1926.

1,585,954

F. O. WIDMARK

CAMPING TABLE

Filed April 9, 1925

2 Sheets-Sheet 1

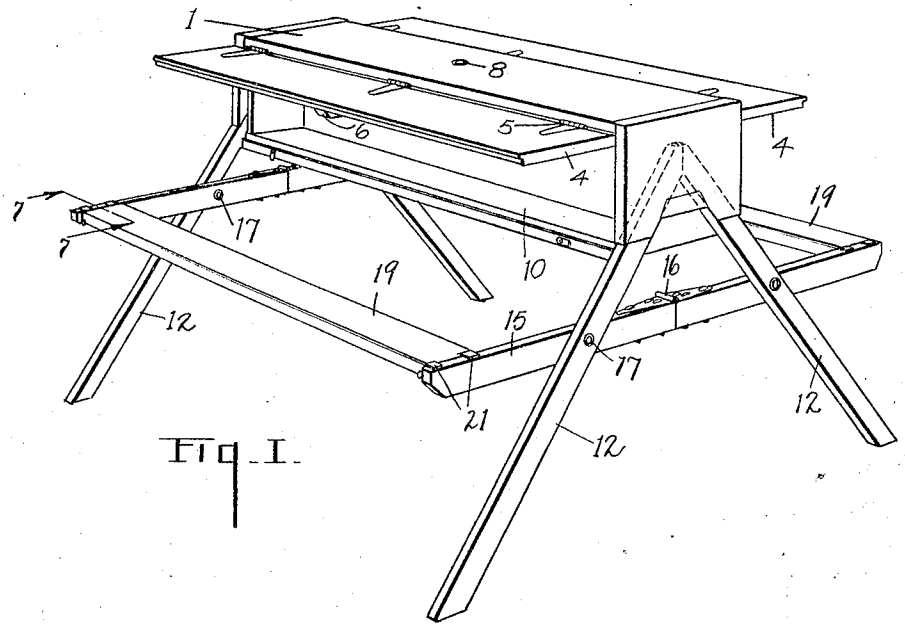


Fig. I.

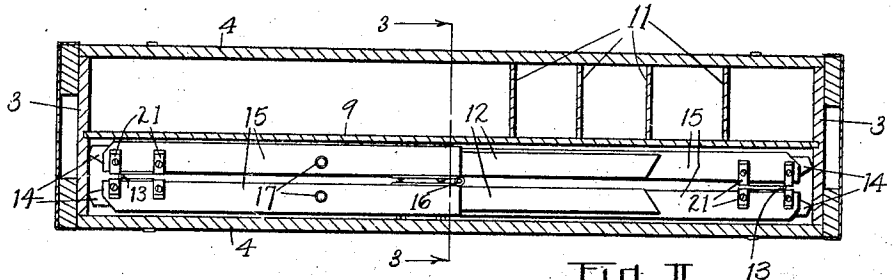


Fig. II.

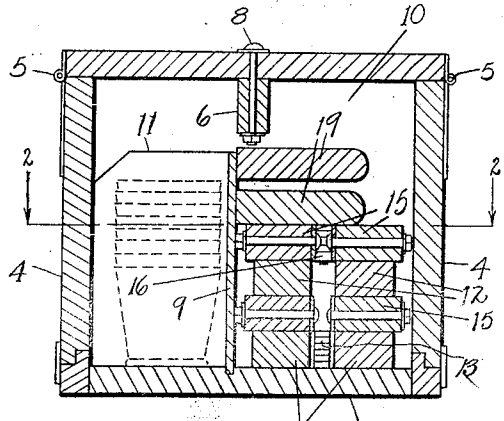


Fig. III.

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2 Sheets-Sheet 2

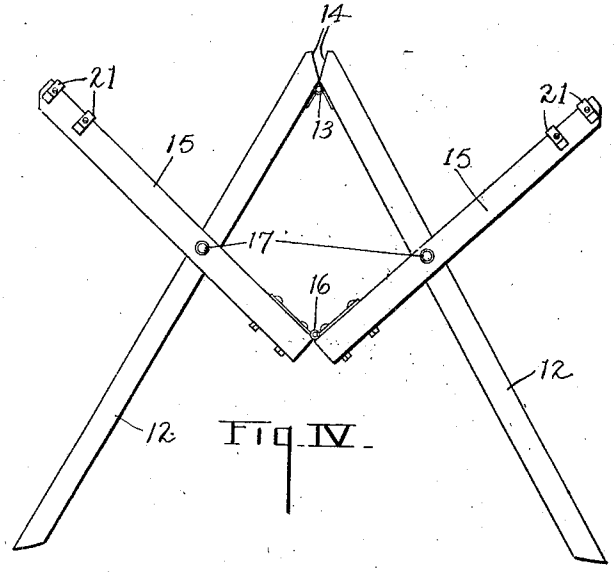


Fig. IV.

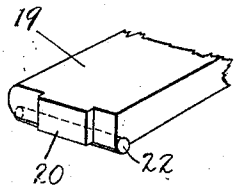


Fig. VIII.

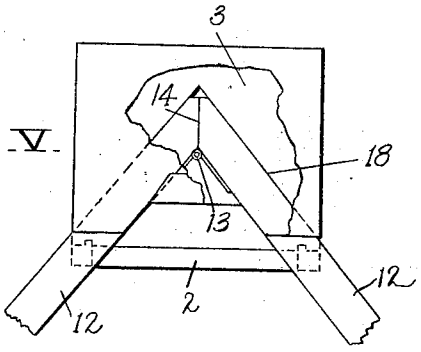


Fig. V.

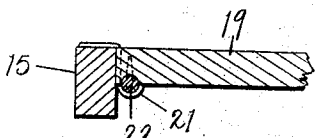


Fig. VII.

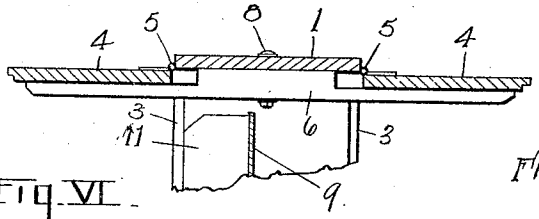


Fig. VI.

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Patented May 25, 1926. 1,585,954

UNITED STATES PATENT OFFICE.

FRANCIS O. WIDMARK, OF LUDINGTON, MICHIGAN.

CAMPING TABLE.

Application filed April 9, 1925. Serial No. 21,342.

This invention relates to improvements in camping tables.

The main objects of this invention are:

First, to provide an improved camping table which may be collapsed and arranged in a very compact form for transportation or storage.

Second, to provide an improved collapsible camping table which is readily set up or knocked down and when set up is very rigid.

Third, to provide an improved combined camping table having seats constituting an assembled part thereof.

Objects relating to details and economies of construction and operation will definitely appear from the detailed description to follow.

I accomplish the objects of my invention by the devices and means described in the following specification. The invention is clearly defined and pointed out in the claims.

A structure which is a preferred embodiment of my invention is clearly illustrated in the accompanying drawing, forming a part of this application, in which:

Fig. I is a perspective view of my improved camping table, assembled or erected.

Fig. II is a horizontal section with the parts in collapsed position on a line corresponding to line 2—2 of Fig. III.

Fig. III is a transverse section on line 3—3 of Fig. II.

Fig. IV is a side elevation of one of the pedestals or pairs of legs partially extended.

Fig. V is a fragmentary end elevation showing the relation of the legs when assembled.

Fig. VI is a fragmentary horizontal section with the cabinet doors extended to constitute top members.

Fig. VII is an enlarged detail section on a line corresponding to line 7—7 of Fig. I, showing details of the seat.

Fig. VIII is a fragmentary perspective view of one of the seat boards.

In the drawing similar reference characters refer to similar parts throughout the several views, and the sectional views are taken looking in the direction of the little arrows at the ends of the section lines.

Referring to the drawings, I provide a box or cabinet comprising a top 1, bottom 2 and ends 3, these parts being rigidly secured together by nails or screws, the fastening means however not being illustrated.

The sides 4 constitute doors for the compartments and are hinged at 5 to the top 1 so that the doors may be swung to a horizontal position, as shown in Fig. I, in which position they constitute top members or leaves.

The leaf supporting bar 6 is pivoted at 8 so that it may be swung transversely of the top, as shown in Figs. I and VI, or it may be swung into parallel relation to the top, as shown in Fig. III.

The cabinet is provided with a longitudinal partition 9 forming a compartment 10 at one side adapted to receive the collapsed legs and seats as will be hereinafter described, there being also a plurality of transverse partitions 11 providing several smaller compartments for the storage of utensils, food or the like, as is indicated by dotted lines in Fig. III.

The legs 12 are pivotally connected in pairs by means of hinges 13 so that the legs may be collapsed into parallel relation, as shown in Fig. II, or swung to a downwardly diverging relation, their ends 14 abutting. The legs are connected by the seat supporting arms 15 which are pivotally connected at 16 and pivotally mounted at 17 on the inner sides of the legs. The ends of the arms abut when the arms are extended so that the downward movement of the outer ends thereof is limited and they constitute braces for the legs limiting the outward spreading thereof.

The cabinet is provided with downwardly facing A-shaped pockets 18 on the ends, the pockets being conformed to fit the extended legs, as is indicated in the drawings.

Board-like seats 19 are detachably mounted on the outer ends of the seat supporting arms preferably so that they constitute tie members for the pairs of legs. The seat boards 19 have tenons 20 which are engaged between the pairs of hooks 21 mounted on the inner sides of the supporting arms, the hooks constituting means for supporting the boards against lateral movement.

The seats are provided with lugs 22 engaging in the hooks, see Fig. VII, so that the seats prevent the spreading of the legs. With this mounting of the seats, they are of such length that they may be arranged within the cabinet; the legs also when collapsed may be arranged within the cabinet as shown.

My improved table when erected is very strong and rigid. The seats constitute an

assembled part thereof and the parts are so arranged that they serve as interacting bracing members.

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

1. In a structure of the class described, the combination of a cabinet having rigidly connected top, bottom and end walls, doors hinged at their upper edges to said top to be swung to horizontal position to constitute top members, a supporting bar pivoted to the underside of said top to be swung transversely thereto to support the doors in horizontal position, pairs of legs hinged at their upper ends to be collapsed to parallel relation or extended to downwardly diverging relation with their hinged ends abutting, pairs of seat supporting arms pivotally mounted on the inner sides of the legs and hinged to each other so that when extended their ends are in abutting relation, and so that they may be collapsed into parallel relation on said legs, said seat supporting arms constituting braces for said legs when extended, downwardly facing A-shaped leg pockets at the ends of said cabinet adapted to receive the upper ends of the extended legs, seats having tenons on their ends, and seat supporting hooks mounted in spaced relation to the inner sides of said seat supporting arms to receive said tenons whereby said seats are laterally supported, said seats having lugs on their undersides engaging said hooks whereby the seats constitute bracing and tie members for the pairs of legs, said cabinet having a side compartment adapted to receive the seats and the collapsed legs.

2. In a structure of the class described, the combination of a cabinet having rigidly connected top, bottom and end walls, pairs of legs hinged at their upper ends to be collapsed to parallel relation or extended to downwardly diverging relation with their hinged ends abutting, pairs of seat supporting arms pivotally mounted on the inner sides of the legs and hinged to each other so that when extended their ends are in abutting relation, and so that they may be collapsed into parallel relation on said legs, said seat supporting arms constituting braces for said legs when extended, downwardly facing A-shaped leg pockets at the ends of said cabinet adapted to receive the upper ends of the extended legs, seats having tenons on their ends, and seat supporting hooks mounted in spaced relation to the inner sides of said seat supporting arms to receive said tenons whereby said seats are laterally supported, said seats having lugs on their undersides engaging said hooks whereby the seats constitute bracing and tie members for the pairs of legs, said cabinet having a side compartment adapted to receive the seats and the collapsed legs.

3. In a structure of the class described, the combination of a cabinet comprising rigidly connected top, bottom and end walls, doors hinged at their upper edges to said top to be swung to horizontal position to constitute top members, a supporting bar pivoted to the underside of said top to be swung transversely thereto to support the doors in horizontal position, pairs of legs hinged at their upper ends to be collapsed to parallel relation or extended to downwardly diverging relation, pairs of seat supporting arms pivotally mounted on the inner sides of the legs and so that they may be collapsed into parallel relation on said legs and hinged to each other so that when extended their ends are in abutting relation, said seat supporting arms constituting braces for said legs when extended, downwardly facing A-shaped leg pockets at the ends of said cabinet adapted to receive the upper ends of the extended legs, and seats removably mounted on said seat supporting arms.

4. In a structure of the class described, the combination of a cabinet having rigidly connected top, bottom and end walls, pairs of legs hinged at their upper ends to be collapsed to parallel relation or extended to downwardly diverging relation, pairs of seat supporting arms pivotally mounted on the inner sides of the legs and so that they may be collapsed into parallel relation on said legs and hinged to each other so that when extended their ends are in abutting relation, said seat supporting arms constituting braces for said legs when extended, downwardly facing A-shaped leg pockets at the ends of said cabinet adapted to receive the upper ends of the extended legs, and seats removably mounted on said seat supporting arms.

5. In a structure of the class described, the combination of a cabinet comprising rigidly connected top, bottom and end walls, side doors mounted to be swung to horizontal position to constitute top members, pairs of legs hinged at their upper ends to be collapsed to parallel relation or extended to downwardly diverging relation, pairs of pivotally connected seat supporting arms pivotally mounted on the inner sides of the legs and so that they may be collapsed into parallel relation on said legs, said seat supporting arms constituting braces for said legs when extended, downwardly facing leg pockets at the ends of said cabinet adapted to receive the upper ends of the extended legs, seats, and seat supporting hooks mounted on the inner sides of said seat supporting arms, said seats constituting tie members for the pairs of legs.

6. In a structure of the class described, the combination of a cabinet having rigidly connected top, bottom and end walls, pairs

of legs hinged at their upper ends to be collapsed to parallel relation or extended to downwardly diverging relation, pairs of pivotally connected seat supporting arms pivotally mounted on the legs and so that they may be collapsed into parallel relation on said legs, said seat supporting arms constituting braces for said legs when extended, downwardly facing leg pockets at the ends of said cabinet adapted to receive the upper ends of the extended legs, seats, and seat supporting hooks mounted on the inner sides of said seat supporting arms, said seats constituting tie members for the pairs of legs.

7. In a structure of the class described, the combination of a cabinet comprising rigidly connected top, bottom and end walls, side doors mounted to be swung to horizontal position, to constitute top members, pairs of legs hinged at their upper ends to be collapsed to parallel relation or extended to downwardly diverging relation, pairs of pivotally connected seat supporting arms pivotally mounted on the legs and so that they may be collapsed into parallel relation on said legs, said seat supporting arms constituting braces for said legs when extended, downwardly facing leg pockets at the ends of said cabinet adapted to receive the upper end of the extended legs, and seats removably mounted on said supporting arms.

8. In a structure of the class described, the combination of a cabinet having rigidly connected top, bottom and end walls, pairs of legs hinged at their upper ends to be collapsed to parallel relation or extended to downwardly diverging relation, pairs of pivotally connected seat supporting arms pivotally mounted on the legs and so that they may be collapsed into parallel relation on said legs, said seat supporting arms constituting braces for said legs when extended, downwardly facing leg pockets at the ends of said cabinet adapted to receive the upper ends of the extended legs, and seats removably mounted on said supporting arms.

9. In a structure of the class described, the combination of a top member provided with downwardly facing leg pockets at the ends thereof, pairs of legs hinged at their upper ends to be collapsed to parallel relation or extended to downwardly diverging relation, pairs of pivotally connected seat supporting arms pivotally mounted on the legs and so that they may be collapsed into parallel relation on said legs, said seat supporting arms constituting braces for said legs when extended, seats having tenons on their ends, and seat supporting hooks mounted in spaced relation to the inner sides of said seat supporting arms to receive said tenons whereby said seats are laterally supported, and seats having lugs on their underside engaging said hooks whereby the seats constitute bracing and tie members for the pairs of legs.

10. In a structure of the class described, the combination of a top member provided with downwardly facing legs pockets at the ends thereof, pairs of legs hinged at their upper ends to be collapsed to parallel relation or extended to downwardly diverging relation, pairs of pivotally connected seat supporting arms pivotally mounted on the legs and so that they may be collapsed into parallel relation on said legs, said seat supporting arms constituting braces for said legs when extended, seats, and seat supporting hooks mounted on said seat supporting arms, and seats constituting tie members for the pairs of legs.

11. In a structure of the class described, the combination of a top member provided with downwardly facing leg pockets at the ends thereof, pairs of legs hinged at their upper ends to be collapsed to parallel relation or extended to downwardly diverging relation, pairs of pivotally connected seat supporting arms pivotally mounted on the legs and so that they may be collapsed into parallel relation on said legs, said seat supporting arms constituting braces for said legs when extended, and seats supported by said arms.

In witness whereof I have hereunto set my hand.

FRANCIS O. WIDMARK.