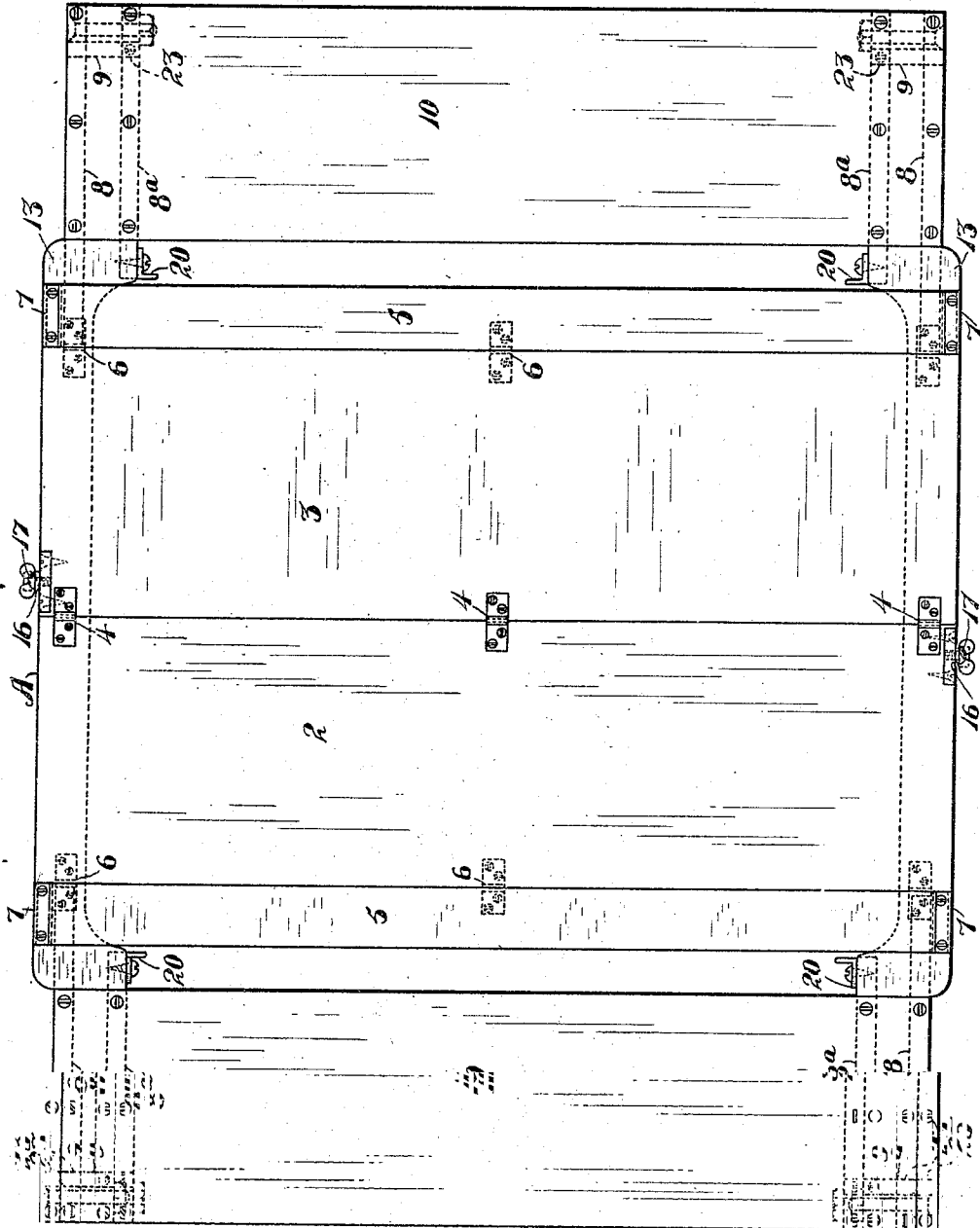


G. R. STINE.  
FOLDING CAMP TABLE AND SEAT.  
APPLICATION FILED NOV. 13, 1917.

1,296,336.

Patented Mar. 4, 1919.

3 SHEETS—SHEET 1.



WITNESSES:

*W. H. ...*  
*...*



INVENTOR:

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*...*

ATTORNEYS:

1,296,336.

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 3 SHEETS—SHEET 2.

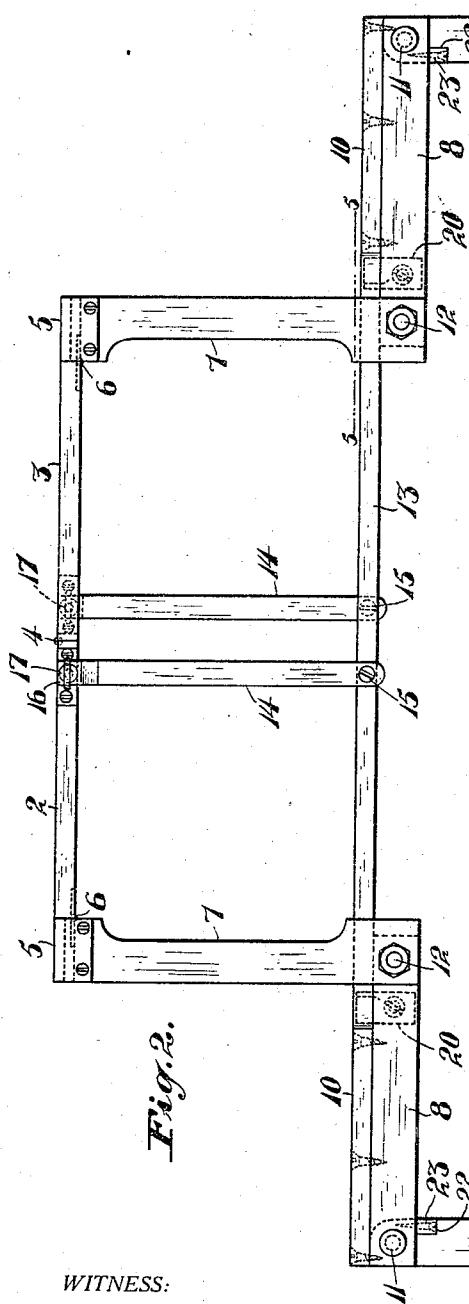


Fig. 2.

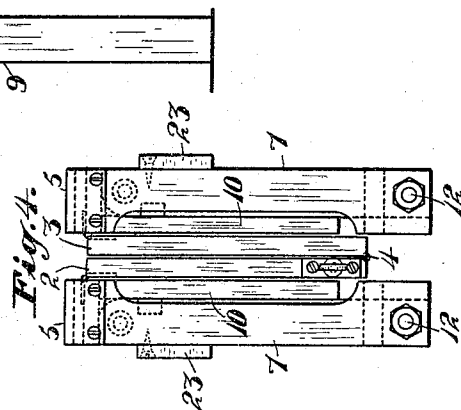


Fig. 4.

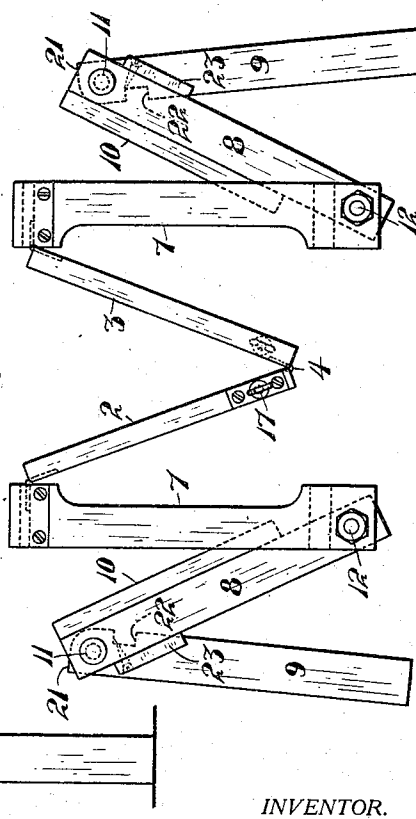


Fig. 3.

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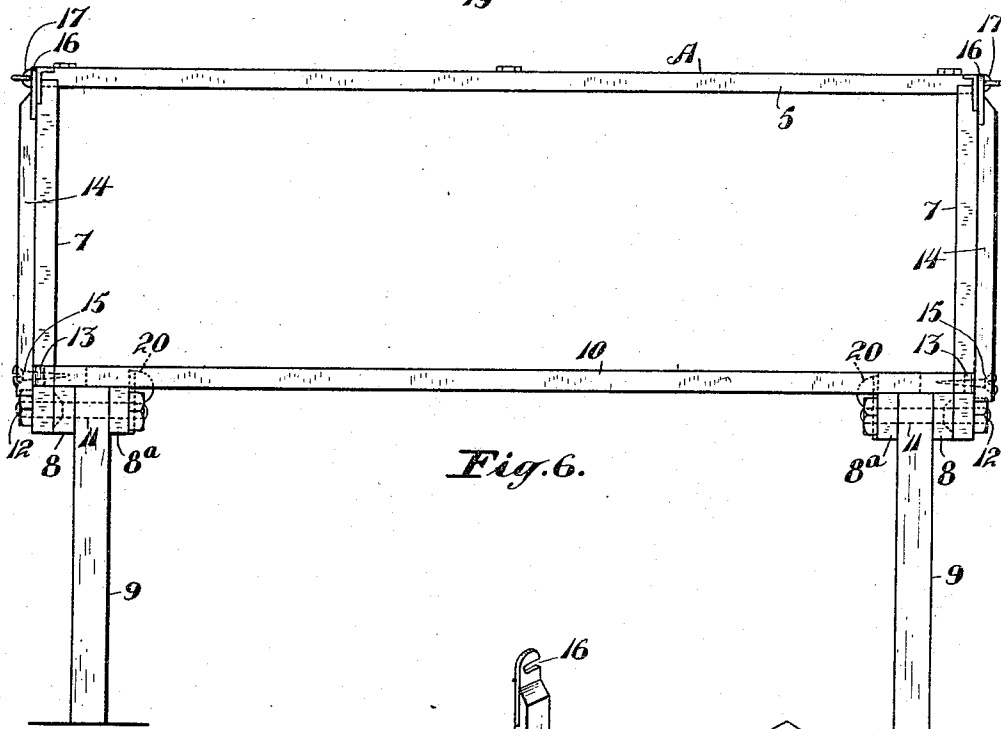
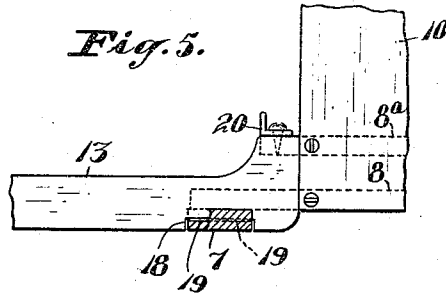
BY  
*Strong & Townsend*  
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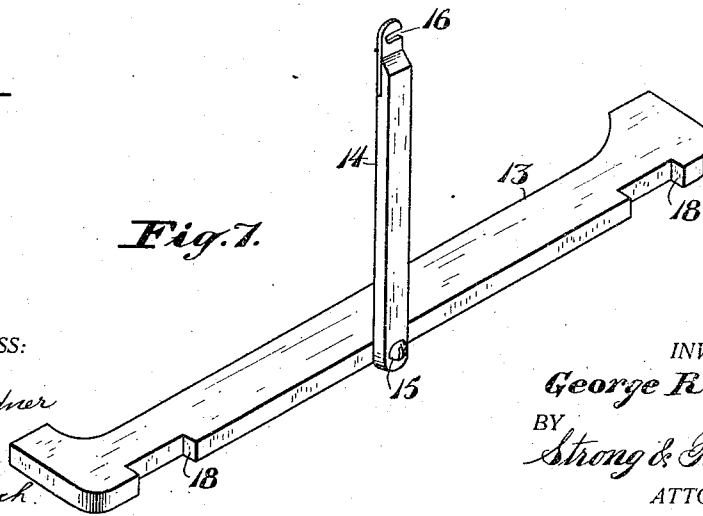
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 3 SHEETS—SHEET 3.

*Fig. 5.*



*Fig. 6.*

*Fig. 7.*



WITNESS:

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# UNITED STATES PATENT OFFICE.

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OF SAN FRANCISCO, CALIFORNIA.

## FOLDING CAMP TABLE AND SEAT.

1,296,336.

Specification of Letters Patent.

Patented Mar. 4, 1919.

Application filed November 13, 1917. Serial No. 201,748.

*To all whom it may concern:*

Be it known that I, GEORGE R. STINE, a citizen of the United States, residing at Oakland, in the county of Alameda and State of California, have invented new and useful Improvements in Folding Camp Tables and Seats, of which the following is a specification.

This invention relates to a folding camp table and seats.

One of the objects of the present invention is to provide a combination folding table and seats, particularly adapted for camping purposes and like uses, which is simple and rigid in construction, cheap to manufacture and which is so assembled that it may be quickly folded into a compact bundle for shipment or storage and quickly extended when required. Another object of the invention is to provide means for rigidly bracing the table and seats when extended or unfolded. Further objects will hereinafter appear.

The invention consists of the parts and the construction and combination of parts as hereinafter more fully described and claimed, having reference to the accompanying drawings, in which—

Figure 1 is a plan view of the table and seats.

Fig. 2 is an end elevation of same.

Fig. 3 is an end elevation of the table and seats partly folded.

Fig. 4 shows the table and seats completely folded.

Fig. 5 is a detail plan section on line 5—5 of Fig. 2.

Fig. 6 is a side elevation of the table and seats.

Fig. 7 is a perspective view of one of the bracing bars.

Referring to the drawings in detail, A indicates in general a table top consisting of two sections 2 and 3. These sections are hingedly connected, as at 4, and they are also hingedly secured to side rails 5 by means of hinges 6. Each side rail is supported by a pair of legs 7, one being positioned at each end of each side rail. These legs are in turn supported by sill plates 8 and legs 9. The sill plates 8 form supports for seats 10. The seats have a length equal to the table top sections 2 and 3 and there

are two pair of sill plates for each seat, said sill plates being arranged at each end of the seat so as to support the legs 7 of the table top and also to form means for attaching the legs 9. The legs 9 are also four in number and are disposed one at each end of each seat. They are pivotally attached, as at 11, between each sill plate which in reality consists of two pieces, as shown at 8 and 8<sup>a</sup> (see Figs. 1 and 6).

The legs supporting the table are pivotally attached to the sill plates, as shown at 12, and as the table top sections are hinged, as at 6, it can readily be seen that the seats, table top sections and the legs supporting the seats may all be folded, as shown in Figs. 3 and 4. The legs 9 are in reality the main supporting members both for the seats and the table proper. The legs 7 supporting the sill plates 8 and the table top sections form a super-structure that supports the table at a suitable elevation with relation to the seat sections.

The table and seats, when extended, are rigidly braced together by means of a pair of bracing bars 13 (see Figs. 1, 2 and 7). There is one brace bar disposed at each end of the table and seats. These bars not only serve as a means for bracing and locking the seats and table against movement with relation to each other but they also serve as a support for a pair of bars 14 which are pivotally attached, one to each bar, as shown at 15. The free end of each bar is provided with a latch member 16 and these latches are adapted to engage pins or thumb screws 17 secured at the opposite ends of each table top section 2 and 3.

The construction of the brace bar is best shown in Fig. 7. The ends of the bars are notched, as at 18, to embrace the table legs 7 and the table legs are in turn rabbeted or notched, as at 19, (see Fig. 5) to receive the notched portions of the bars 13. The manner of interlocking the bracing bars with relation to the table legs serves the purpose of locking the table legs against spreading and secures the same against vertical movement.

The pivotally mounted bars 14, when swung into vertical position as shown in Fig. 2, engage the thumb screws 17 and they are locked in said vertical position by tightening

up on said screws. These bars are provided for the purpose of supporting the center portion of the table sections 2 and 3 and thereby prevent the same from sagging or becoming depressed when articles are placed upon the table top. The ends of the bracing bars 13 extending beyond the notched portions 18 are supported upon the sill plates 8 and they are here locked against lateral movement or from moving out of engagement with the rabbets 19 formed in the table legs by pivotally mounted latches 20 secured on the sides of the sill plates. The bracing bars are thereby positively locked against movement when placed in position and they in turn serve as locking means and braces to prevent spreading or collapsing of the table or seats.

The upright bars 14, carried by the bracing bars 13, are also locked by means of the latches and thumb screws 17 and the main supporting legs 9 are also locked against movement about their pivots 11 in either direction by forming a square shoulder at the top, as shown at 21, and by forming a notch 22 in each leg which is adapted to receive a pivotally mounted latch 23 carried by the sill plates 8. As every part forming the seats and table structure is in this manner rigidly locked when extended or folded and the said locking operation is accomplished by the use of pivotally mounted latches, it can readily be seen that this may be quickly released when it is desired to fold the table and seats.

The bracing bars 13 are considered the most important members in the structure involved as they not only serve as a support for the center portion of the table sections 2 and 3 but they also serve as positive locking members to prevent vertical movement of the table legs and spreading movement of said legs, together with the seat sections and the legs supporting same. The side rails 5 also form a part of the table top when the structure is unfolded, thereby materially adding to the surface area of same. They are, however, comparatively narrow, in fact, they are no wider than the sill plates and the seats supported thereon. The sill plates and seats can therefore be folded directly under the sill plates between the table legs 7, as shown in Figs. 3 and 4, and the legs may in turn be folded between the sill plates 8 and 8<sup>a</sup>, thus permitting the formation of an exceedingly compact unit which can be readily handled on camping trips whether it is carried on the running board of an automobile, in a wagon, or by mule pack.

While the parts employed are preferably constructed of wood, it is obvious that any other suitable material may be employed and that changes and variations in construction may be made as the experience and judgment of the manufacturer may dictate.

Having thus described my invention, what

I claim and desire to secure by Letters Patent is—

1. A combination table and seats comprising a pair of seat members, a pair of foldable table sections elevated with relation to the seats, a pair of legs pivotally attached to each seat and supporting the same, means for locking the said legs against pivotal movement, a second pair of legs pivotally attached at one end of the seats and at the opposite ends of the table sections, a pair of bars extending under the table between the seats, one at each end of the table and seats, and means on said bars for locking the table supporting the legs against pivotal movement.

2. A combination table and seats comprising a pair of seat members, a pair of foldable table sections elevated with relation to the seats, a pair of legs pivotally attached to each seat and supporting the same, means for locking the said legs against pivotal movement, a second pair of legs pivotally attached at one end of the seats and at the opposite ends of the table sections, a pair of bars extending under the table between the seats, one at each end of the table and seats, and means on said bars for locking the table supporting the legs against pivotal movement, said means comprising notches formed in the cross bars, which are sufficiently deep to permit the table legs to be received thereby.

3. A combination table and seats comprising a pair of seat members, a pair of foldable table sections elevated with relation to the seats, hinges connecting said table sections, a pair of legs pivotally attached to each seat and foldable with relation thereto adapted to support the seats when extended, means for locking said legs against pivotal movement with relation to the seats, a second pair of legs pivotally attached to each seat adapted to support the table sections, said legs being also pivotally attached to the table sections, a pair of bars extending crosswise between the seats, one under each end of the table, and a pair of notches formed in each bar adapted to receive the legs supporting the table sections to lock the same against pivotal movement.

4. A combination table and seats comprising a pair of seat members, a pair of foldable table sections elevated with relation to the seats, hinges connecting said table sections, a pair of legs pivotally attached to each seat and foldable with relation thereto adapted to support the seats when extended, a second pair of legs pivotally attached to each seat adapted to support the table sections, said legs being also pivotally attached to the table sections, a pair of bars extending crosswise between the seats, one under each end of the table, means for securing said cross bars to the seats, a pair of notches formed on each bar adapted to embrace the

legs supporting the table sections to lock the same against pivotal movement and a second pair of legs attached to each table section adapted to be supported at their opposite ends by the cross bars.

5 5. A combination table and seats, comprising a pair of seat members, legs supporting said seat members, a foldable table section elevated with relation to the seats and positioned between the same, legs pivotally attached to the seat sections supporting the table sections, said seat legs, seats and table sections adapted to be folded to form a compact unit, means for locking said seats and table sections against folding movement when extended, said means comprising a pair of bracing bars positioned one at each end of the table and seat sections, said bracing bars being notched at each end to embrace the table legs, means for the seats for locking the bracing bars against lateral movement with relation to the table legs, a bar pivotally attached to each bracing bar, a latch on the free end of each of said bars, and a locking member on each table section adapted to receive the latches to permit said bars to support the center portions of the table sections.

6. A combination table and seats, comprising a pair of table sections hingedly connected, a pair of side rails to which the table sections are also hingedly connected, legs supporting the side rails, a seat section disposed on each side of the table pivotally attached to the table legs, pivotally mounted legs on each seat section supporting the seats and table, means for locking said legs against movement when extended, means for locking the table legs and seats against spreading movement with relation to the table top, said means comprising a pair of bracing bars disposed one at each end of the table and seats, each bar being notched to embrace the table legs and lock same against spreading movement, and means on each seat section for locking the bracing bars from disengagement with the table legs.

7. A combination table and seats, comprising a pair of table sections hingedly connected, a pair of side rails to which the table sections are also hingedly connected,

legs supporting the side rails, a seat section disposed on each side of the table pivotally attached to the table legs, pivotally mounted legs on each seat section supporting the seats and table, means for locking said legs against movement when extended, means for locking the table legs and seats against spreading movement with relation to the table top, said means comprising a pair of bracing bars disposed one at each end of the table and seats, each bar being notched to embrace the table legs and lock same against spreading movement, means on each seat section for locking the bracing bars from disengagement with the table legs, and means on each bracing bar for supporting the center portion of the table sections.

8. A combination table and seats, comprising a pair of table sections hingedly connected, a pair of side rails to which the table sections are also hingedly connected, legs supporting the side rails, a seat section disposed on each side of the table pivotally attached to the table legs, pivotally mounted legs on each seat section supporting the seats and table, means for locking said legs against movement when extended, means for locking the table legs and seats against spreading movement with relation to the table top, said means comprising a pair of bracing bars disposed one at each end of the table and seats, each bar being notched to embrace the table legs and lock same against spreading movement, means on each seat section for locking the bracing bars from disengagement with the table legs, and means on each bracing bar for supporting the center portion of the table sections, said means comprising a bar pivotally attached to each bracing bar, said bars adapted to assume a vertical position and when so positioned to support the center portion of each table top section.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

GEORGE R. STINE.

Witnesses:

JOHN H. HERRING,  
W. W. HEALEY.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."