Aug. 7, 1928. 1,679,514

N. N. BROWN

FOLDING FURNITURE

Filed July 28, 1924

Fig. 1.

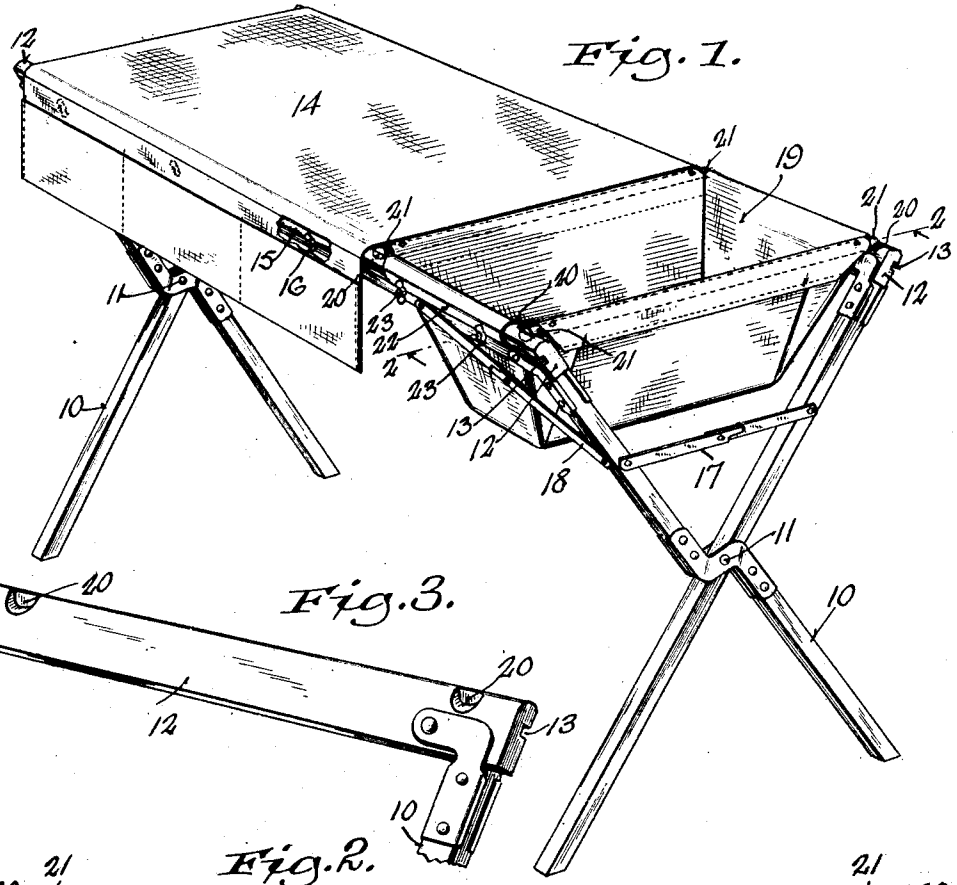
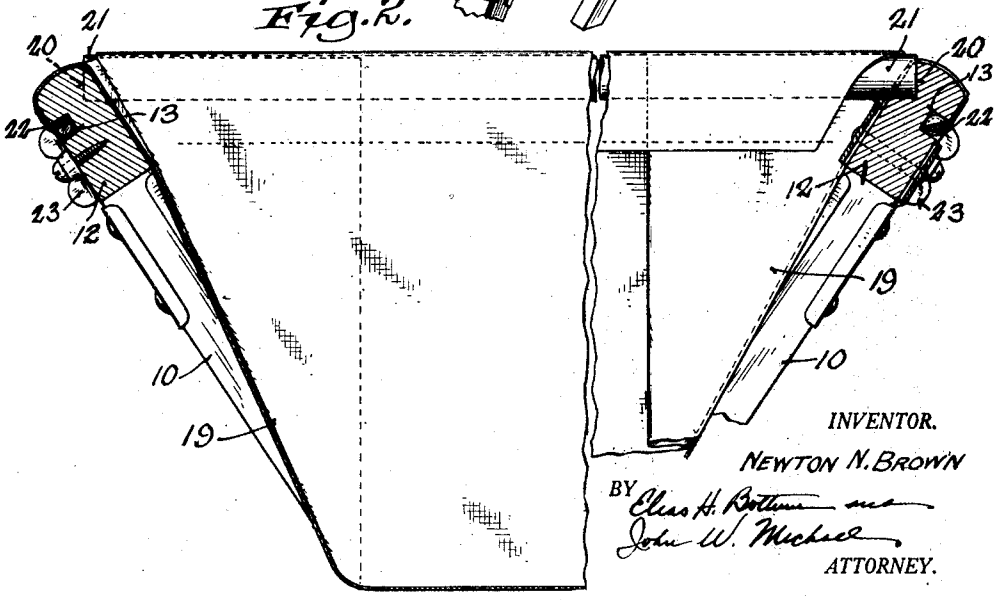


Fig. 3.

Fig. 2.



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UNITED STATES PATENT OFFICE.

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FOLDING FURNITURE.

Application filed July 28, 1924. Serial No. 728,545.

This invention relates to improvements in folding tables and more particularly to a folding table having a collapsible basin or the like associated therewith.

One object of the invention is to provide means for receiving and supporting a collapsible basin or other water-holding receptacle in combination with a folding table of the type shown, for instance, in my prior co-pending application, Serial No. 498,725, filed September 6, 1921.

Other objects and advantages of the invention will appear from the following specification taken in conjunction with the accompanying drawings wherein one form of the invention is illustrated.

In the drawings

Fig. 1 is a perspective view of a combined table and basin constructed in accordance with the present invention;

Fig. 2 is a sectional view taken on the line 2—2 of Fig. 1; and

Fig. 3 is a fragmentary detail showing the sockets in one of the side rails for receiving the ends of the basin supporting members.

Referring more in detail to the drawings, the folding table is shown as comprising end legs 10 hinged together as at 11 intermediate their ends and hinged at their upper ends to longitudinally extending side rails 12, the latter being longitudinally grooved from end to end as at 13.

The top of the table is shown at 14 and is preferably of some suitable flexible material having secured along its opposite side edges rod-like elements 15 designed, when the table is in operative position to engage within the grooves 13 as shown. Buttons, or the like, 16 pivotally attached to the side rails 12 below the grooves serve to retain the elements 15 within said grooves, the arrangement of parts being such that when the opposite side edges of the table top are clamped in position within the grooves and the table unfolded and set up in operative position, the said table top will be stretched taut as will readily appear.

The folding parts of the table, including the legs and side rails, are all inter-connected as above described, and in addition are suitably braced by rule joints or the like 17 and 18.

The folding table, thus far described, forms the basis of my prior co-pending application above identified, and in view of this further detailed description herein will be dispensed with.

According to the present invention it is contemplated to combine a collapsible basin or other water-holding receptacle with the folding table above described, and in this manner form a structure which may be used for a variety of different purposes, in camps for instance, and other places where folding furniture is mostly used.

The basin or water-holding receptacle in the drawings bears reference character 19 and is of the collapsible type. The table top 14 terminates short of the ends of the side rails of the table adjacent one end of the latter, and adjacent such end of the table top the basin is mounted with the upper edges thereof lying flush with the top of said table. For this purpose the side rails 12 are each provided with sockets 20 in their upper edges. Rigid supporting elements 21 in the form of rods or the like are secured to the opposite side edges of the basin and are of a length to be received at their opposite ends within sockets 20 and when the table is extended into its operative position, as shown more clearly in Fig. 1 of the drawings. In this manner the basin is supported from the rods 21, the latter in turn being supported on the side bars 12.

At the ends of the basin the same is provided with rod-like elements 22 designed to engage within the grooves 13 of the side bars previously described, said elements being retained therein by buttons 23 in the same manner as previously described in connection with the securing of the table top in position.

Thus it will be obvious that the basin, in addition to being supported at its ends in the manner described and as the table top is supported, is also supported transversely of the table by means of the rigid supporting members 21 which fit into the sockets 20 formed in the top edges of the side bars. These members 21 being inter-fitted in the side bars, as shown and described, also serve to strengthen the table when extended and to a certain extent prevent relative twisting of the sides thereof.

It will be obvious to those skilled in the art that the invention is susceptible of various changes and modifications, and it is not desired therefore to limit the same to a particular form or arrangement of parts herein

illustrated and described, except where limitations appear in the appended claims.

The invention claimed is:

1. The combination with a table having legs and side rails, the latter having sockets formed therein, of a collapsible basin, supporting members secured to the sides of said basin and loosely engaging said sockets at their opposite ends, and means for fastening the ends of said basin to said rails.

2. The combination with a folding table having legs and side rails formed with upwardly opening sockets therein, of a collapsible basin, rigid supporting members secured to the sides of said basin and adapted to extend transversely of said table, the ends of said members being received within said sockets.

3. The combination with a folding table having legs and grooved side rails formed with upwardly opening sockets therein, of a collapsible basin, rigid supporting members secured to the sides of said basin and adapted to extend transversely of said table, the ends of said members being received within said sockets, rod-like elements secured to the ends of said basin for engagement with the grooves of said rails, and means for holding said elements in said grooves.

4. The combination with a folding table having legs, side rails, a top supported by the latter, of a collapsible basin, transverse supporting members therefor engageable in sockets formed in said side rails, said basin when in operative position depending between said side rails with the top edges thereof in substantially the same plane as said table top.

5. In a device of the character described, side rails provided with sockets, supporting members for said rails pivotally connected and adapted to be folded together whereby said rails are moved together, and a basin provided with supporting elements having ends adapted to fit into and rest in said sockets when said members and said rails are unfolded, said basin and said supporting elements therefor being removable from operative relation with said rails to permit movement of the latter together upon movement of said members to folded position.

6. In a device of the character described, side rails provided with sockets and longitudinal grooves, supporting members for said rails pivotally connected and adapted to be folded together whereby said rails are moved together, and a basin provided with end portions adapted for insertion into said grooves and with supporting elements having ends adapted to fit into and rest in said sockets when said members and said rails are unfolded, and means for holding said end portions in said grooves, said end portions and said supporting elements acting together to support said basin from said rails, said means and said supporting elements being adapted to provide for removal of said basin from operative relation with said rails to permit movement of the latter together upon movement of said legs to folded position.

7. In a device of the character described, side rails provided with sockets, supporting members for said rails pivotally connected and adapted to be folded together whereby said rails are moved together, a basin provided with supporting elements having ends adapted to fit into and rest in said sockets when said members and said rails are unfolded to a given position, said elements acting when in position to prevent folding of said members and said rails, and a top of fibrous material having opposite edges thereof secured to said rails and arranged to provide a table adjacent said basin when said members and said rails are unfolded to said position and adapted to prevent unfolding of said members and sail rails past said position.

8. In a device of the character described, side rails, legs pivotally connected intermediate the ends thereof and to adjacent ends of said rails, said legs being adapted to be folded together whereby said rails are moved together, a basin provided with elements adapted to engage said rails when said legs are unfolded to a given position whereby said basin is supported from said rails and folding of said legs prevented, and a top of fibrous material having opposite edges thereof secured to said rails and arranged to provide a table adjacent said basin when said legs are unfolded to said position and adapted to prevent unfolding of said legs past said position, said supporting elements of said basin being adapted to provide for removal of said basin from operative relation with respect to said rails.

In witness whereof I hereto affix my signature.

NEWTON N. BROWN.