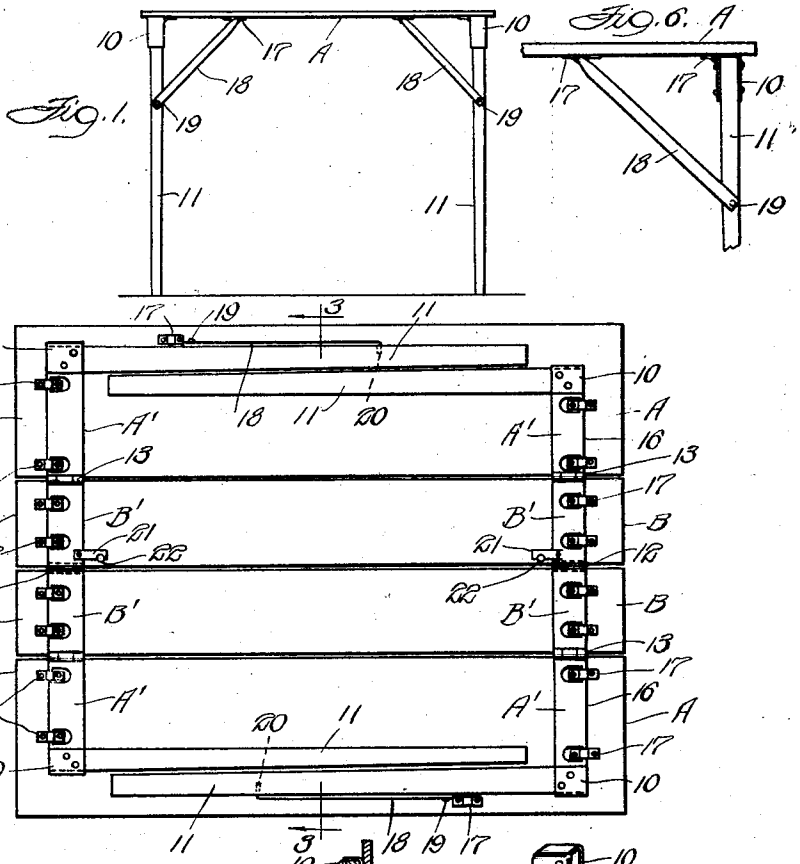
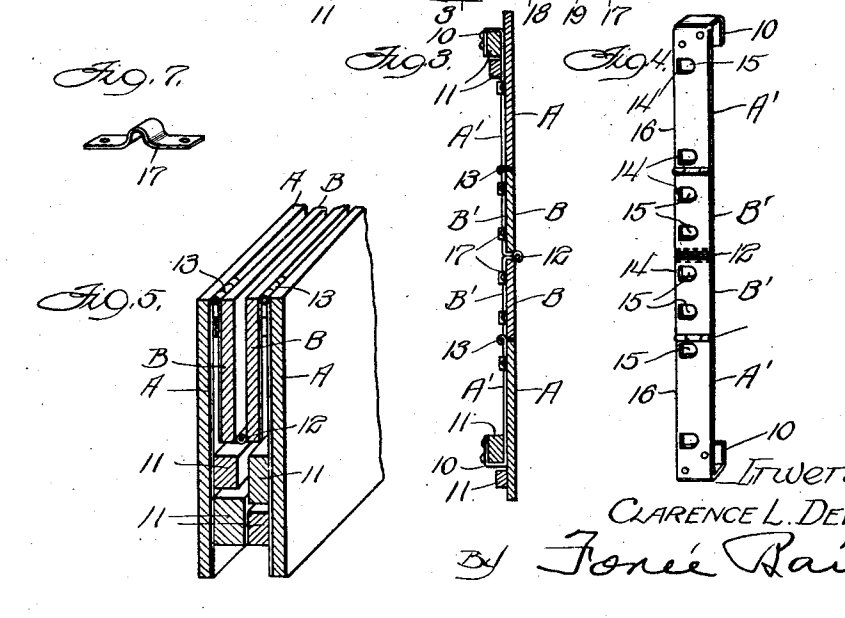
Feb. 22, 1927. 1,618,327

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FOLDING TABLE

Filed July 11, 1924





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UNITED STATES PATENT OFFICE.

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FOLDING TABLE.

Application filed July 11, 1924. Serial No. 725,341.

The invention relates to improvements in folding tables.

One of the objects of the invention is to provide a table which may be folded into a bundle of very small dimensions when not in use.

Another object is to provide a foldable table which is as staunch and rigid as an ordinary table and which may be quickly erected for use and collapsed for transportation and storage.

Other objects, advantages and benefits of the invention will become apparent from a consideration of the following description, when taken in conjunction with the drawing, wherein:—

Fig. 1 is a side elevation of the table erected for use.

Fig. 2 is a bottom plan view of the top with the legs folded in parallel therewith.

Fig. 3 is a section on line 3—3 of Fig. 2.

Fig. 4 is a perspective view of one of the leg hinge members.

Fig. 5 is a section similar to that of Fig. 4, showing the members folded together.

Fig. 6 is an enlarged fragment of one corner of the table when erected.

Fig. 7 is a perspective view of a clip forming one of the hinge members.

In all of the views the same reference characters indicate corresponding parts.

The table top is composed of two like parts on each side of a center line, a major part A being hinged to a minor part B and the parts B hinged together so that the parts will fold together, as shown in Fig. 5.

A hinge structure is composed of members A′ and B′ and there is a pair of each.

The members A′ each have an inturned end to provide a socket 10 to receive a table leg 11, as shown in Fig. 3.

It will be observed that the hinge 12 by which the members B B are connected together closes in one direction only and that the hinges 13—13 which connect the members A, B, together close in the opposite direction only, so that each member B may be folded back parallel with the other members as shown in Fig. 5. Each member A′ and B′ is provided with integral hinge pintles 14, produced by making an aperture 15 a short distance from the inner or upper edge 16. The hinge members A′ and B′ are hinged to the respective members A and B of the table top by clips 17, which pass thru the openings 15 and overlie the pintles 14, thereby to pivot the inner edge 16 of the hinge structure, composed of members A′ and B′ to the under side of the table top. These members may be made of sheet metal with the hinges integral parts thereof.

When the legs 11 are secured in the sockets 10, one at each end of the hinge structure, the pair of legs at each end of the table may be folded into positions parallel with the exetended table top, and more particularly with the major members A and remain in such positions when the top members A and B are contracted into positions shown in Fig. 5.

A brace 18 is pivoted to each leg 11, as at 19, and has an inturned end 20 which is inserted into a clip 17 which is secure to the under side of the leaf A a suitable distance from the leg to hold the leg in true vertical position, as shown in Figs. 1 and 6. When the table is erected or open the hinge structures, A′, B′ are rigid and prevent collapse of the top members or leaves A, B. A hook 21 and button 22 may be used to hold the legs 11 parallel with the top while the structure is being collapsed or knocked down.

The table may be used for many purposes, besides being a valuable adjunct to a camping outfit, it may be used to advantage in hotels, restaurants, and the like, when made of suitable size for the purpose. Its capability of being folded into small compass renders it very desirable because of the relatively small space it occupies when stored when not in use and its rigid character when in use.

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

A folding table, comprising a top formed in four or more parallel leaves, transverse members formed in hinged sections corresponding to said leaves, each section being pivotally secured to each of said leaves and said members being adapted in one position rigidly to brace said leaves and in another position to serve as the only hinges for said leaves to allow said leaves to be folded upon each other, the adjacent middle leaves lying between the outer leaves in folded position.

In testimony whereof I hereunto set my hand.

CLARENCE L. DEWEY.