Sept. 30, 1941. M. V. MEZZETTI 2,257,425

COMBINATION TABLE AND BED

Filed Oct. 25, 1940 2 Sheets-Sheet 1

Fig. 1.

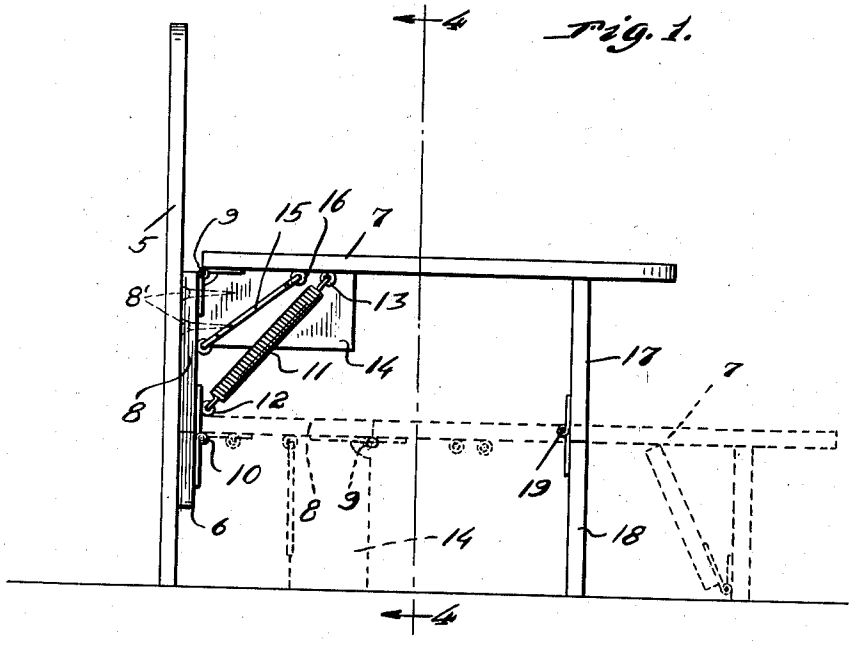
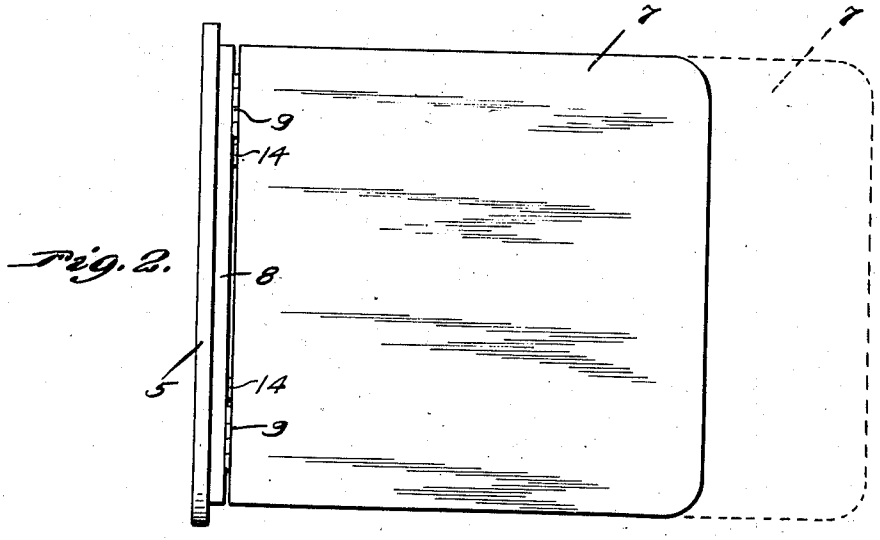


Fig. 2.



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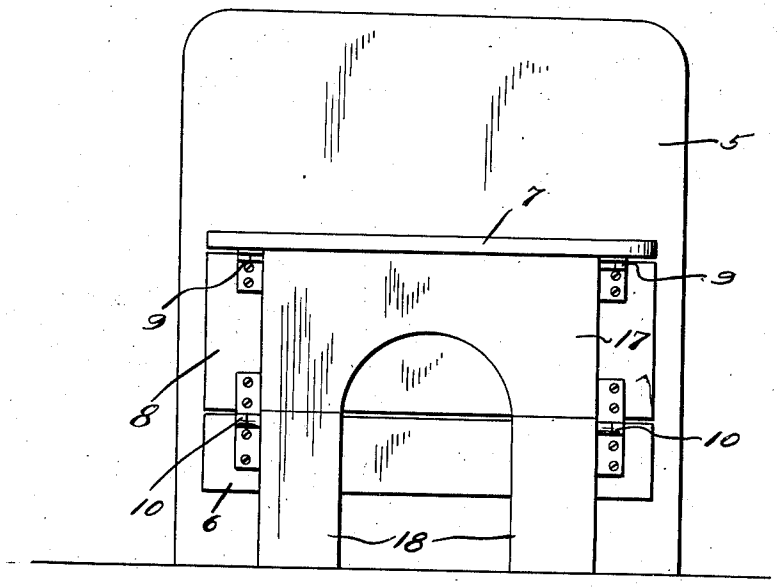
Attorney

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COMBINATION TABLE AND BED

Filed Oct. 25, 1940 2 Sheets-Sheet 2

Fig. 3.



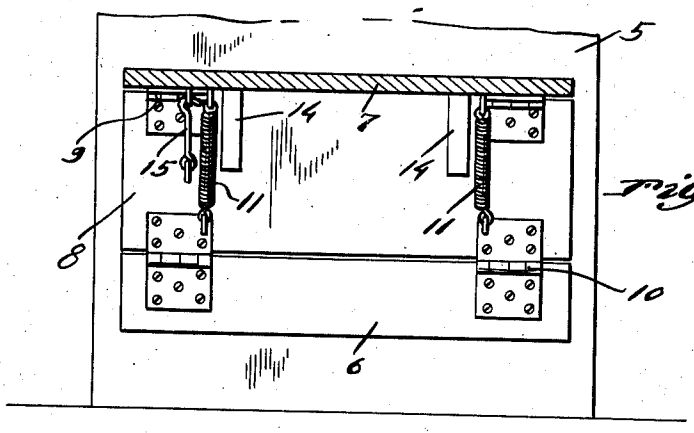


Fig. 4.

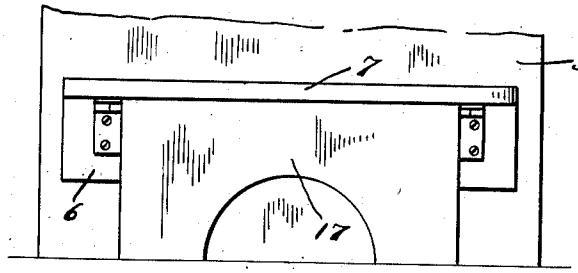


Fig. 5.

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UNITED STATES PATENT OFFICE

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COMBINATION TABLE AND BED

Mario V. Mezzetti, Quincy, Mass.

Application October 25, 1940, Serial No. 362,864

4 Claims. (Cl. 5—3)

This invention relates broadly to combination furniture and more particularly to such furniture of the foldable type.

An object of the present invention is to provide as an article of furniture, a foldable structure which, with the parts in one position, may be used to advantage as a table, and with the parts in a second position may be used to equal advantage as a bed; the object, intent and purpose of the invention being to provide generally an article of furniture of the type hereinabove set forth primarily adapted for use on trailers, boats, aeroplanes, in overnight cabins and small apartments.

The invention together with its objects and advantages will be best understood from a study of the following description taken in connection with the accompanying drawings wherein—

Figure 1 is a side elevational view of the article of furniture with the parts shown in full line as used for a table, and in broken line when used as a bed.

Figure 2 is a top plan view of the assembly shown in Figure 1.

Figure 3 is an end elevational view of the assembly with the parts in position for use as a table.

Figure 4 is a vertical transverse sectional view taken substantially on the line 4—4 of Figure 1.

Figure 5 is a view similar to Figure 3 but with the parts in a position for use as a bed.

Referring more in detail to the drawings it will be seen that in the preferred embodiment thereof the invention consists of a broad flat upright 5 of wood, metal, or other suitable material.

Attached to one face of the upright 5 and extending transversely thereof slightly upwardly from the lower edge of said upright is a cleat 6.

A supporting platform embodies a pair of complemental sections including a relatively large section 7 and a relatively smaller section 8; sections 7 and 8 being hingedly connected together as at 9.

Also section 8 is hingedly secured to the cleat 6 through the medium of hinges 10, thus permitting the section 8 to fold relative to the upright 5 as shown.

The sections 7 and 8 are normally urged into right angular position relative to one another through the medium of springs 11 anchored at one end to the section 8 in proximity to the hinges 10 as at 12, and at a relatively opposite end thereof anchored to the underside of the section 7 as at 13.

The section 8 also has secured as at 8' to the underside thereof, adjacent the hinged end 9 thereof, relatively short cleats or abutments 14 which, as shown to advantage in Figure 1, abut the section 7 for cooperation therewith in supporting the section 7 in a horizontal position and at right angles to the section 8 when the parts are in the position shown in Figure 1.

Also to secure the parts in the mentioned position there is secured to the section 8 one end of a hook 15 that coacts with an eye 16 provided on the underside of the section 7.

The section 7 also has associated therewith adjacent the free end thereof a folding leg structure which embodies a fixed part 17 secured to the underside of section 7, and individual, folding legs 18 hinged to the fixed part 17 of the leg structure through the medium of hinges 19.

As shown when the device is to be used as a table, the platform section 8 is folded flatly against the upright 5 and the leg members 18 are disposed coplanar with the leg section 17 for cooperation with the upright 5 in holding the platform section 7 in the horizontal position shown in Figure 1 to serve as a top for the table.

When it is desired to use the device as a bed, hook 15 is disengaged from the eye 16 and section 8 is extended downwardly at right angles to the cleat 6 and in edge-abutting relation with section 7 while the legs 18 are folded upwardly relative to the section 17 of the aforementioned leg structure to the end that the parts are then in the dotted line position shown in Figure 1 with the relatively stationary part 17 of the leg structure cooperating with the upright 5 in supporting the platform sections 7, 8, in this extended position. Spring 11 has been omitted from the dotted line position shown in Fig. 1 for the sake of clarity. Also with the parts in the position for use as a bed, it will be noted cleats 14 serve as intermediate supports for the structure.

It will be seen that with the construction shown and described involving a platform composed of two hinged sections, the device may be used to advantage as a table when required and also as a bed; and provides an article of furniture which readily lends itself to use in camp trailers, boats, aeroplanes, overnight cabins, and small apartments wherein space is limited.

While I have herein shown and described a preferred embodiment of the invention, it is to be understood that it is in no wise intended to restrict the invention to the precise form herein illustrated and that accordingly I claim all such forms of the invention to which I am entitled in

view of the prior art and scope of the appended claims.

Having thus described the invention what is claimed as new is:

1. As a new article of collapsible furniture, a relatively broad, flat upright, a transverse cleat secured to said upright adjacent the lower portion thereof, a platform section hinged to said cleat, a relatively larger platform section hinged to the first-named platform section, interengaging means on said platform sections for holding said sections in right angular position relative to one another with the first-named section in flat parallel contact with said upright and the second-named section extending at right angles from the upright for use as a table top, and a leg structure embodying a relatively fixed part secured to the underside of the second-named platform and individual legs hinged to said fixed part; said leg structure in an extended position cooperating with said upright to support the second-named platform in the aforementioned table top-serving position, and when said legs are folded relative to said fixed part cooperating with said upright to support said platform sections in coplanar relation for use as a bed.

2. A new article of collapsible furniture comprising a relatively broad, flat upright, a platform embodying a pair of hingedly connected sections one of which is hingedly secured at one edge thereof to said upright, a collapsible supporting leg structure secured to the other of said platform sections, hook and eye means associated with said platform sections for securing said sections in right angular position relative to one another, and spring means engaged with said sections normally urging said sections to assume said position at right angles to one another.

3. A new article of collapsible furniture comprising a relatively broad, flat upright, a platform embodying a pair of hingedly connected sections one of which is hingedly secured at one edge thereof to said upright, a collapsible supporting leg structure secured to the other of said platform sections, hook and eye means associated with said platform sections for securing said sections in right angular position relative to one another, and spring means engaged with said sections normally urging said sections to assume said position at right angles to one another, and short cleats secured to one side of one of said sections adjacent the hinge connection between said sections to abut the other section when the platform sections are at right angles to one another, and to support said sections adjacent the hinge joint therebetween when said sections are extended into coplanar position.

4. A combined table and bed comprising a broad flat upright, a platform comprising a pair of sections hingedly connected together and one hingedly connected to said upright, said sections being swingable on said hinges into right angular relation to form a table at one side of said upright and also swingable into horizontal coplanar position at a right angle to said upright to form in conjunction with the latter a bed having a head board, abutments secured to one section and supporting the other section in the right angular relation of said sections, and a leg structure on said other section for supporting the same in the right angular relation of said sections, and foldable in the coplanar position of said sections to support said other section.

MARIO V. MEZZETTI.