

April 20, 1948.

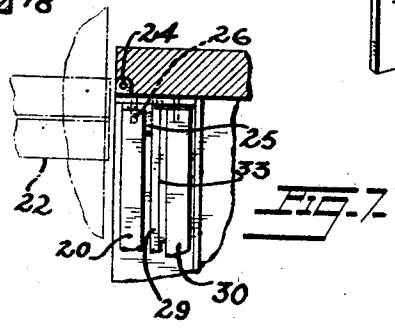
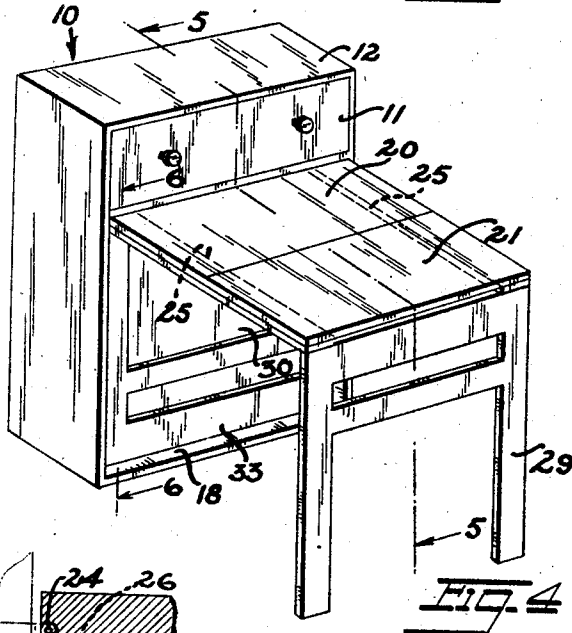
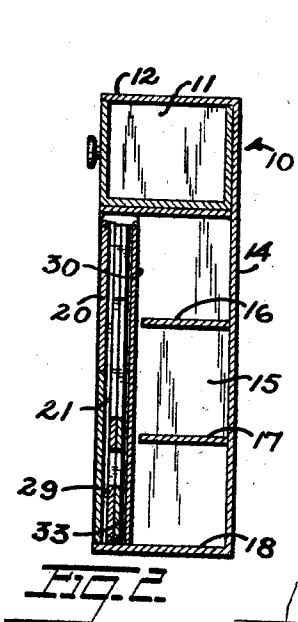
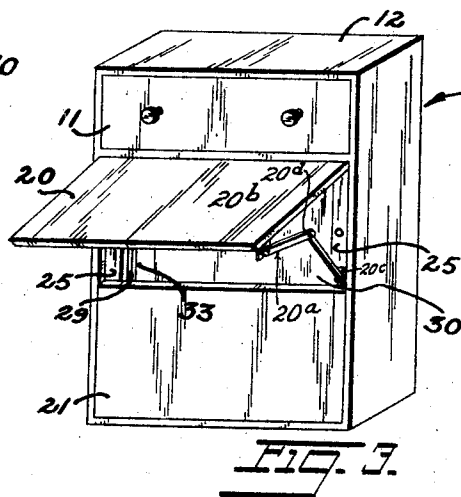
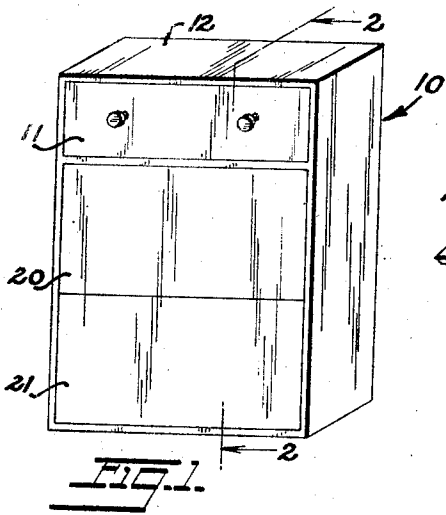
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2,440,131

CONVERTIBLE SPACE SAVING TABLE

Filed March 2, 1946

2 Sheets-Sheet 1



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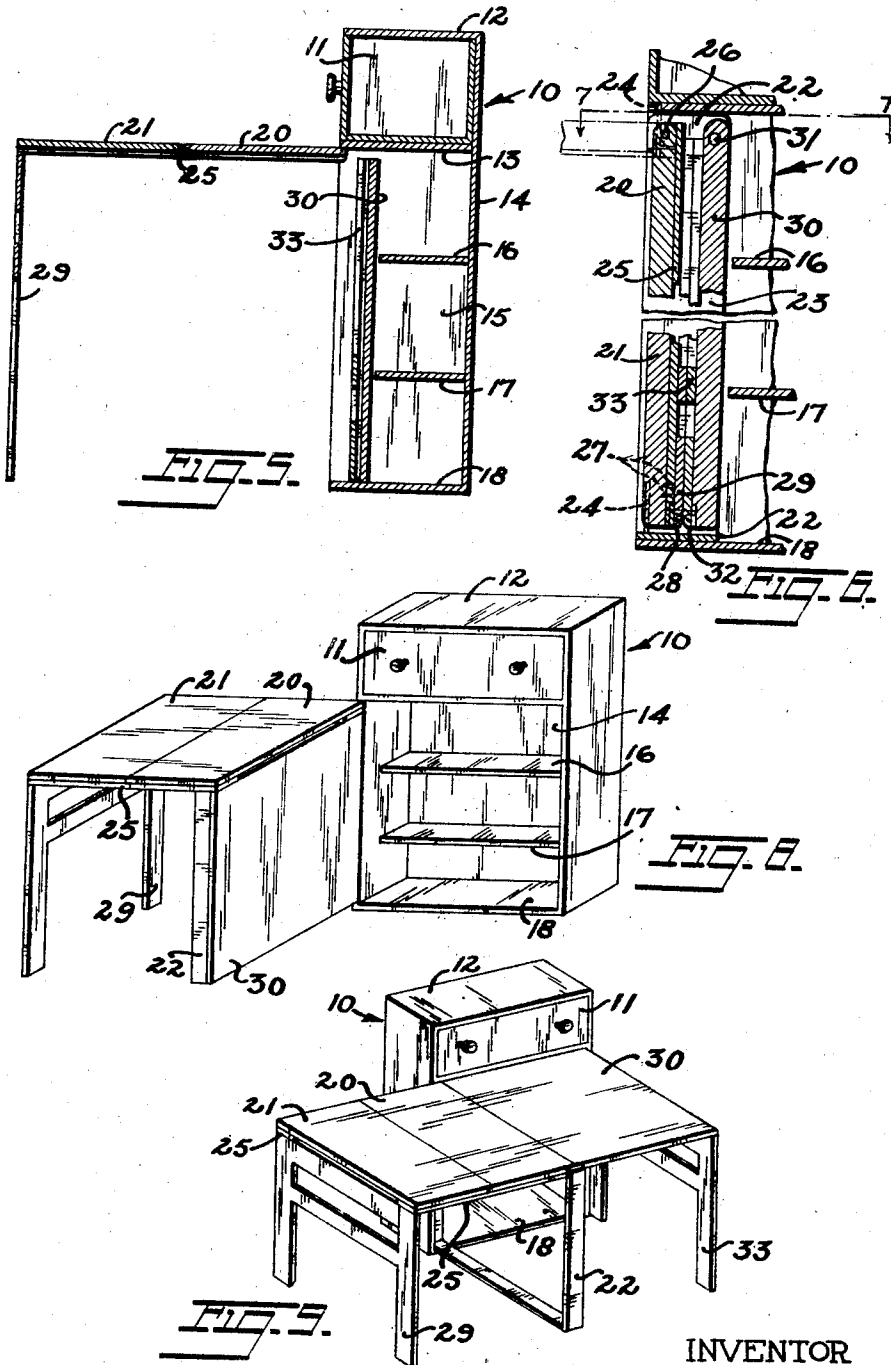
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2,440,131

CONVERTIBLE SPACE SAVING TABLE

Filed March 2, 1946

2 Sheets-Sheet 2



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2,440,131

CONVERTIBLE SPACE SAVING TABLE

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Application March 2, 1946, Serial No. 651,603

4 Claims. (Cl. 312-161)

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This invention relates to combination furniture structures and in particular to a convertible space saving table.

A particular object of the invention is to provide an article of furniture which has the appearance of a chest of drawers, which affords room for the storage of linens and the like and within which is foldably positioned a table structure that can be opened to provide different areas depending upon the requirements.

A still further object of the invention is to provide in the combination structure of the character referred to, an auxiliary frame in which can be folded the various parts of the table forming structure.

A still further object of the invention is to provide a foldable table arrangement which, when open, will afford access to a series of shelves within the chest, and one which may be opened only part way when the use of a small table is desired.

Other important objects of my invention are the provision of a swinging frame mounting for pivotal movement within the chest and in which is supported the complete table structure so that the table parts may be opened up without much expenditure of effort and the table may be positioned before it is fully opened to its extreme position; and to provide a combination storage chest that is ornamental as well as useful and in which the table may be compactly folded in such a manner as to completely close the front of the chest.

For further comprehension of the invention, and of the objects and advantages thereof, reference will be had to the following description and accompanying drawings, and to the appended claims in which the various novel features of the invention are more particularly set forth.

In the accompanying drawing forming a material part of this disclosure:

Fig. 1 is a view in perspective of a combination chest and convertible space saving table constructed in accordance with my invention.

Fig. 2 is a section taken on the line 2-2 of Fig. 1 showing the table in folded position.

Fig. 3 is a view similar to Fig. 1 showing one of the table leaves in open position.

Fig. 4 is a view in perspective showing the table extended to half opened position at a location in front of the chest.

Fig. 5 is a section on the line 5-5 of Fig. 4 showing the relative arrangement of the parts.

Fig. 6 is an enlarged section on the line 6-6 of Fig. 4 showing the hinge construction neces-

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sary in foldably mounting the table parts within the chest.

Fig. 7 is a fragmentary view of a corner of the structure taken on the line 7-7 of Fig. 6.

Fig. 8 is a view in perspective illustrating the table in half open position and swung at an angle of ninety degrees relatively to the chest.

Fig. 9 is a view in perspective showing the further opening of the table illustrated in Fig. 8.

Referring to the drawings in detail 10 indicates a chest which may or may not be provided with an upper drawer 11 slidable between a top 12 of the chest and an upper shelf 13, the latter being secured in position against a solid back 14 and extending between the side walls 15. Other shelves 16 and 17 will provide useful shelves whose front edges terminate short of the front of the chest to provide a vertical space in which a table structure, to be later described, may be housed.

The bottom of the chest is indicated as at 18, the whole providing a compact structure which when closed as shown in Fig. 1 is completed by the outer, upper and lower table top portions 20 and 21 respectively. While I have not shown that these table top portions may be provided with pull knobs it is to be understood that they may be so provided in order that the effect of a chest of drawers may be carried out.

The table structure is mounted in a swinging frame 22 which is substantially U-shaped and presents the vertical portions 23. The frame is hinged as at 24 within the chest 10 so that it may swing from the full line position of Fig. 7 to the outline position. The vertical portions 23 pivotally support the table structure which comprises the said upper table top 20 and lower table top 21. The upper table top 20 or leaf may be swung outwardly as shown in Fig. 3 and may be held up in position by a suitable prop 20^a which may be attached to the chest proper and to the table top 20 in any conventional way, as by means of hinges 20^b and 20^c. It will be noted that the prop may be made of two parts pivotally connected to each other as at 20^d. The prop may be folded upon itself to return the table top 20 to closed position on the chest. In order that both leaves or table top portions 20 and 21 can be swung outwardly in unison, side frame strips 25 are hinged on the same hinge pin 26 that pivotally mounts the table leaf 20 in the frame 22. The opposite ends of the strips 25 are secured in any suitable manner as at 27 to the lower table leaf 21 and in turn have pivoted thereto as at 28 the opposite corners of a table leg 29. An

auxiliary or extension table leaf 30 is also pivoted in the frame 22 as at 31 and has pivoted thereto as at 32 a similar table leg 33. When the frame 22 is swung to the closed position illustrated in Fig. 6, its inward swinging movement is limited by contact of the table leaf 30 with the edges of the shelves 16 and 17.

Referring to Fig. 4, the table is brought to the position shown by swinging the leaf 21 outwardly and upwardly so that the strips 25 swing about the pivot 26 and raise the leaf 20 to form the table structure illustrated, the leg member 29 being pulled downwardly about its pivot point 28 until the bottom edge of member 29 rests on the floor. In this position the chest is closed and the table may be used as a small work table or for any other purpose desired, such as a desk. If in using the table in its half open position as illustrated in Fig. 4, access to the material on the shelves 16 and 17 of the chest is necessary, the table is pushed around to the position shown in Fig. 8. This pushing movement at one side of the table acts to swing the frame 22 about its pivot pins 24 to position it as shown in outline in Fig. 7. This movement of the frame will carry with it the auxiliary table top 30 and expose the shelves 16 and 17.

Should a table of larger dimensions be required, the solid table top or auxiliary leaf 30 is pulled upwardly and outwardly about its pivot 31 and at the same time the table leg 33 is swung downwardly about its pivot 32 and the table assumes the appearance illustrated in Fig. 9 and the area of the table is doubled and may be used by a number of people.

In folding up the table it would be necessary to first fold the leg structure 33 and then the table leaf 30. If desired, at this time the leg 29 could also be folded up and the table leaves 20 and 21 folded down so that a compact structure is made within the frame 22 which is then swung into position within the chest as shown in Fig. 6.

It is evident, therefore, that I have provided a convertible space saving table which may be opened to a number of positions and which need only be partly opened to meet the requirements of the individual, that is the table may be opened to the first position shown in Fig. 4, or to the position shown in Figs. 8 or 9 depending upon the requirements. It is evident also that I have provided a compact table structure which may be mounted in any particular article of furniture, it being shown herein employed with a chest for illustration and to take advantage of the storage space within the chest, in which it is mounted.

The top drawer of the chest may be omitted if desired and in all instances where the parts meet in folding, the opposed surfaces may be provided with rubber bumper buttons.

If it is desired to use the table apart from chest it is merely necessary to make adjustable the pivot pin 24 about which frame 22 turns when it is swung outwardly from its closed to its open position.

While I have illustrated and described the preferred embodiments of my invention, it is to be understood that I do not limit myself to the precise constructions herein disclosed and the right is reserved to all changes and modifications coming within the scope of the invention as defined in the appended claims.

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

1. A convertible space saving table and chest combination comprising a receptacle having an open side, a frame hinged to the receptacle in the open side thereof and movable to a position exteriorly of said receptacle, a table structure mounted in said frame including a plurality of table top members pivoted in said frame and leg members pivoted to said top members, all of said members being folded to nesting position within the frame and unfoldable to provide a table exteriorly of said receptacle and said table structure forming a closure for said receptacle when the members are folded.

2. A convertible space saving table and chest combination comprising a receptacle having an open side, a frame hinged to the receptacle in the open side thereof and movable to a position exteriorly of said receptacle, a table structure mounted in said frame including a plurality of table top members pivoted in said frame and leg members pivoted to said top members, all of said members being folded to nesting position within the frame, one of said table top and leg members forming a table exteriorly of said receptacle when unfolded and the other table top and leg members forming a closure for the receptacle.

3. A convertible space saving table and chest combination comprising a receptacle having an open side, a frame hinged to the receptacle in the open side thereof and movable to a position exteriorly of said receptacle, a table structure mounted in said frame including a plurality of table top members pivoted in said frame and leg members pivoted to said top members, all of said members being folded to nesting position within the frame, one of said table top and leg members being unfoldable to provide a table section at one side of said opened frame and the other table top and leg members being unfoldable to provide an extension to said table section at the opposite side of said frame.

4. A convertible space saving table and chest combination comprising a receptacle having an open side, a frame hinged to the receptacle in the open side thereof and movable to a position exteriorly of said receptacle, a table structure mounted in said frame including a plurality of table top members pivoted in said frame and leg members pivoted to said top members, all of said members being folded to nesting position within the frame and unfoldable to provide a table exteriorly of said receptacle and said table structure forming a closure for said receptacle when the members are folded, and one of said table top members being mounted for free swinging movement outwardly of said receptacle to provide a leaf table when said table structure forms a closure for said receptacle.

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