Nov. 17, 1925. 1,562,205

F. G. CHEMPANOS

COMBINED DRESSER AND BED

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Fig. 1.

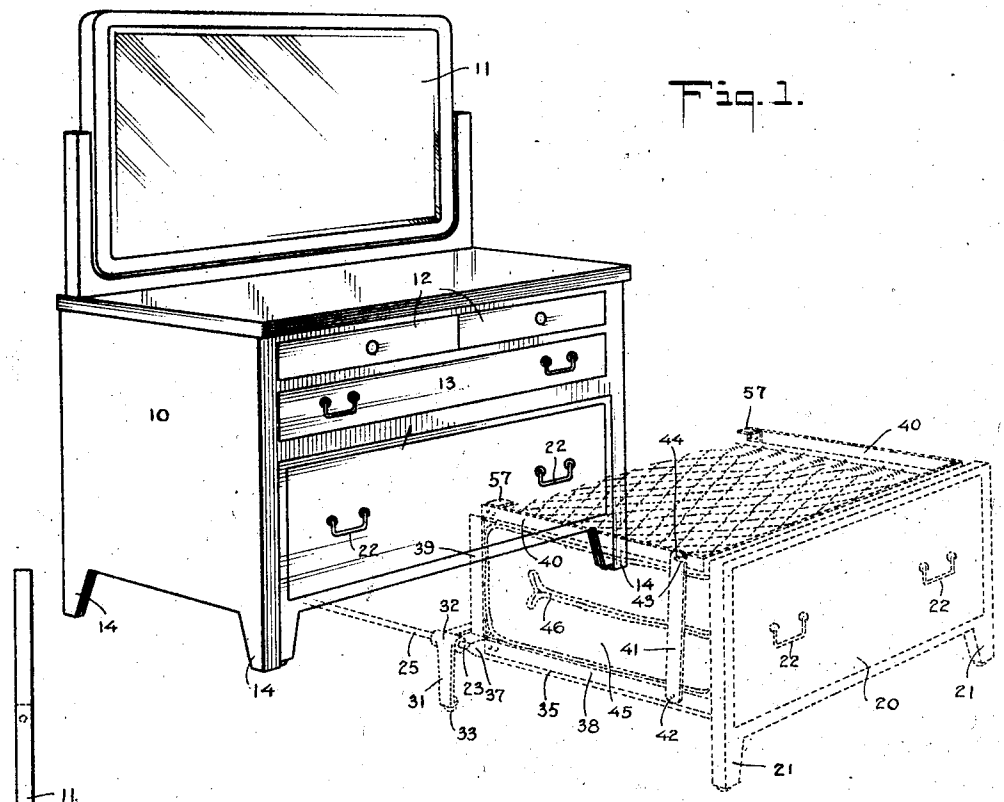
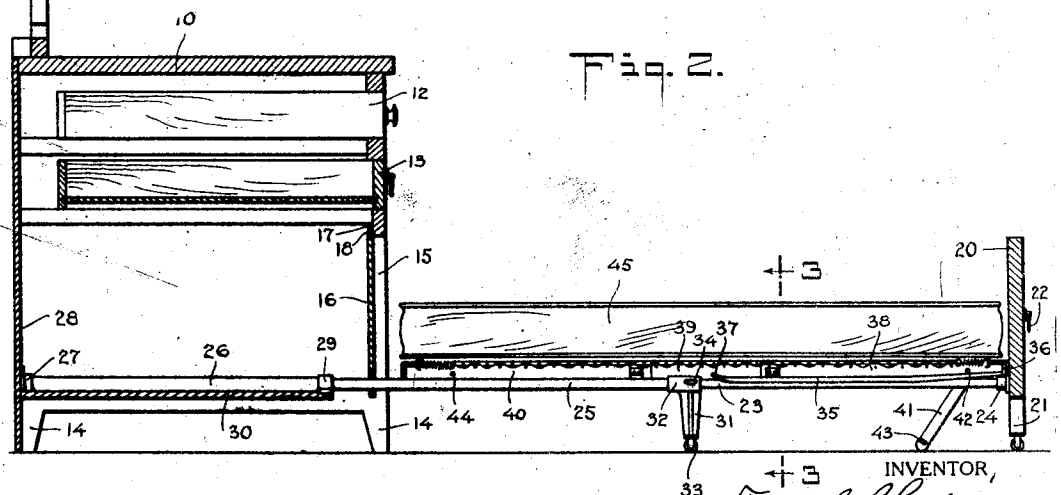


Fig. 2.



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Fig. 3.

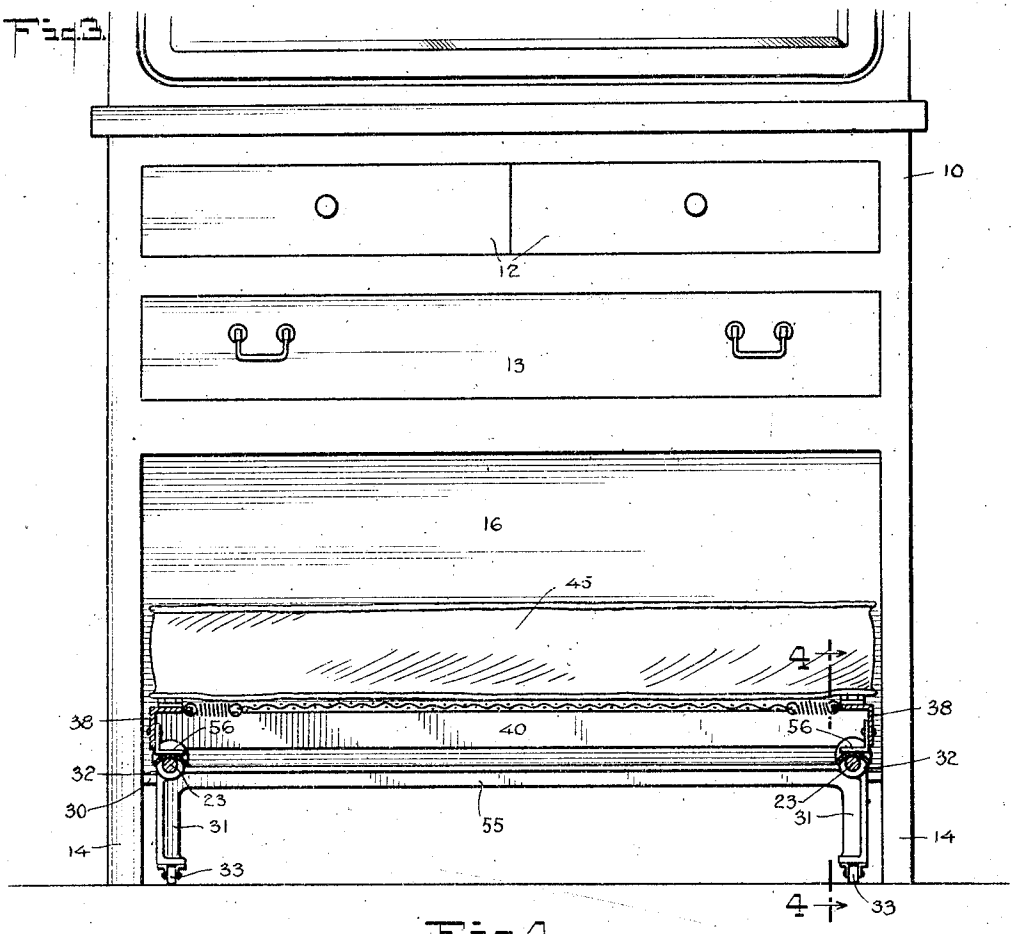
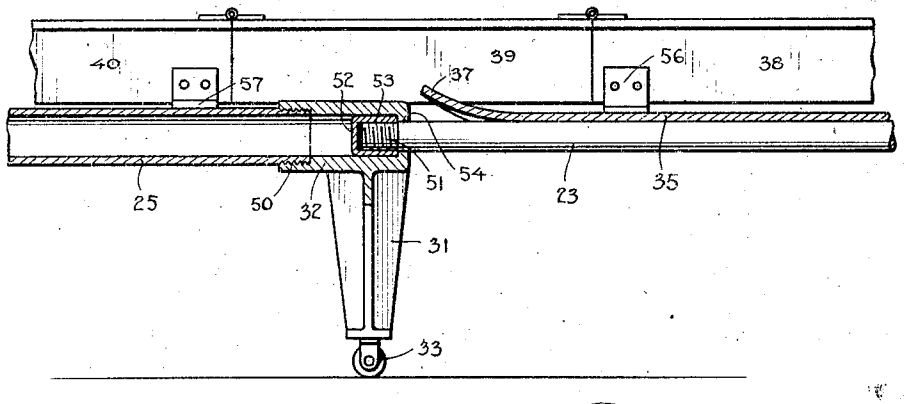


Fig. 4.



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Patented Nov. 17, 1925. 1,562,205

UNITED STATES PATENT OFFICE.

FRANK G. CHEMPANOS, OF NEW YORK, N. Y.

COMBINED DRESSER AND BED.

Application filed August 29, 1924. Serial No. 734,843.

To all whom it may concern:

Be it known that I, FRANK G. CHEMPANOS, a citizen of Greece, residing at 345 East 76th Street, borough of Manhattan, city, county, and State of New York, have invented certain new and useful Improvements in Combined Dressers and Beds, of which the following is a specification.

This invention relates to a combined dresser and bed.

An object of this invention is to provide an improved dresser and bed for attaining improved appearance of the article both when in closed and in open position.

A further object of the invention is to provide an improved construction of the bed parts of the article whereby enhanced rigidity and permanence of construction are secured.

Pursuant to the most preferred forms of the invention, the dresser part of the article is selected of the design and detail construction as may be desired, the lower portion of the dresser being provided with a board appearing on its exterior in semblance of the exterior of a drawer and pivotally or otherwise mounted to be disposed in substantial alignment with the front of the dresser when the bed part has been moved to its open position, and to be swung to a concealed position automatically upon the bed part being moved to its concealed position. Upon the movement of the drawer board to its concealed position, the head board of the bed part assumes a position in substantial alignment with the front of the dresser. The bed part of the article is formed of rails arranged in sections and telescopically assembled relative to one another to permit ready collapsing and elongation when the bed part is respectively in closed and open position. Preferably, the rail sections are of square or rectangular cross-section, thereby attaining highly increased rigidity of the telescoping parts and improved relation of relative slidability; legs are provided for the respective joints between mutually telescoping rail sections disposed when in open position exteriorly of the dresser part. Such legs are carried by square or rectangular suspending members suitably mounted on the square or rectangular rails.

Further features and objects of the invention will be more fully understood from the following detail description and the accompanying drawings, in which

Fig. 1 is a perspective view showing in full outline my combined dresser and bed in its closed position and also showing in dash-outline the bed part moved to its outer or open position and the bed spring doubled up;

Fig. 2 is a vertical, substantially central sectional elevation of Fig. 1, but showing the bed part and bed spring fully opened;

Fig. 3 is a detail sectional elevation on line 3—3 of Fig. 2 on an enlarged scale and assuming the bed part in closed position and the bed spring doubled up; and

Fig. 4 is a detail sectional elevation, on a greatly enlarged scale, on line 4—4 of Fig. 3.

Referring to the drawings, the dresser 10 may be of any approved form, and provided with a mirror 11 or not as desired, and with such upper drawers 12 and intermediate drawer 13 as may be selected. The dresser is provided with suitable feet 14.

In the lower part of the dresser 10 is provided an opening 15, see Fig. 2, proximate which is movably mounted the board 16 conforming in outline to the contour of the opening 15. A suitable form of such movable mounting of the board 16 is by means of oppositely disposed pivot-opening brackets 17, the openings of which respectively receive the opposite ends of the pivot rod 18 secured at the upper edge of the board 16.

The head board 20 of the bed part corresponds in outline to the outline of the opening 15 and is provided with oppositely disposed feet 21, 21, specially related to one another to be received within the front feet 14, 14 of the dresser proper 10. The board 20 of the bed part is provided with one or more handles 22 to facilitate movement of the head board 20 into and out of the opening 15.

The head board 20 is associated with the dresser proper 10 by telescopically arranged rails. In a particular embodiment illustrated in the drawings, each of the oppositely disposed sets of rails comprises an outermost rail section 23 secured in its outer end by a socket bracket 24 or equivalent to the inner face of the head board 20 and telescoping at its opposite end within the hol-

low rail section 25; each rail section 25 at its inner end telescopes within the hollow metal tubing 26 secured at its innermost end by a socket bracket 27 or equivalent to the inner face of the board 28 of the dresser proper 10. The outer end of each hollow tubing 26 may be anchored by means of a strap 29 or equivalent to the bottom 30 of the dresser proper 10.

If desired, the rail section 23 may be of square or rectangular cross-section. and similarly the tubings 25, 26 of corresponding but enlarged cross-section, whereby enhanced sliding engagement by telescopic relation and mutual rigidity are attained.

Preferably, each joint between the respective sets of bed rail sections 23, 25, is reinforced by means of a leg 31 having an upper, hollow carrier member 32 whose inner periphery makes a snug fit with the outer periphery of the rail section 25; the foot of each leg 31 may be provided with a caster 33. Each leg 31 may be secured in position by means of a winged, set screw 34.

If desired, each outermost rail section 23 may be provided with a skid member 35, secured at its outer end 36 to the inner face of the head board 20 and free at its opposite end 37, which is flared upwardly, see Figs. 2 and 4, to ride over the outer end of increased height of the rail section 25, to thereby pass over the same readily. The skid 35 serves to prevent any bed clothing or the like from being caught at the joints between the respective rail sections 23, 25, and 25, 26, when moving the bed part to its collapsed or closed position.

The bed spring is preferably of collapsed form to afford closing of the bed part without removing the bed spring from the bed rails. One such form of collapsing the bed spring, illustrated in the drawings, is shown comprising the outermost section 38 hinged to an intermediate spring section 39, which in turn is hinged to the spring section 40. In Fig. 2, the bed spring is shown in its fully opened position and in Fig. 1 the same is shown in its fully collapsed position, and from Fig. 1 it will be further observed that it is advantageous to have the spring section 39 of a length to position the spring section 40 when in collapsed position within the upper margin of the head board 20. Each of the oppositely disposed, locking members 41 is shown pivoted at its lower end 42 to its outer rail section 38 and provided at its free end with a hook 43, the opening of which receives a pin 44 carried by and projecting laterally from the spring section 40, when it is desired to lock the bed spring in its collapsed position.

The bed mattress 45 is shown in Fig. 2 in its open position and resting upon the opened out spring sections 38, 39, 40. When the bed spring is collapsed, the mattress 45 is doubled up and retained within the spring sections 38, 39, 40. The fold of the mattress 45 is indicated at 46.

In the use of round tubing for the rail sections, see Figs. 1, 3 and 4, each carrier member 32 is preferably circular as indicated, and may be permanently connected to the outer end of a rail section 25 by intermeshing threading 50; the telescoping or sliding relation between any outer rail section 23 and its leg carrier member 32 may be attained by enlarging the inner end 51 of the rail rod 23 or by a cap 52 threaded by intermeshing threading 53 to the inner end 51 of the rail rod 23 and providing a reduced opening 54 serving as a stop for the enlarged end or cap 52.

The joint between each of the hollow sections 25, 26 may be interconnected by stop members in a similar manner.

The two legs 31, 31 may be cast as a unit with an interconnecting bar 55, see Fig. 3, adding further rigidity to the associated bed parts.

Preferably, in the use of round rail sections, the bed spring is provided with the feet 56, 56, secured at opposite sides of the spring section 38 and serving to engage the respective skids 35, and similar oppositely disposed feet 57, 57, similarly secured to the spring section 40 and serving to ride on the respective rail sections 25 when the bed part is in partially opened-out position.

The use of my invention will be largely understood from the above. When the bed part is open, the concealing board 16 swings under action of gravity or under spring pressure to vertical position, as indicated in Fig. 2. Upon collapsing the bed part, the board 16 is forced by the collapsed bed spring or clothing or the like to be swung upwardly or backwardly and the head board 20 of the bed part assumes its closure position relative to the opening 15 and affords the appearance of a lower front board of the dresser proper 10.

When the bed part is opened out, the pivoted board 16 is in substantial alignment with the front of the dresser 10.

My collapsible bed is also applicable for use with other appropriate articles of furniture and an arrangement of concealing board similar to the board 16 employed to conceal the void of space occupied by the bed part when in collapsed position.

Whereas, I have described my invention by reference to specific forms thereof it will be understood that many changes and modifications may be made without departing from the spirit of the invention.

I claim:

1. The combination of an article of furniture having its front face disposed in substantially fixed vertical position, a lower portion of its front face of said article being

provided with an opening, a bed part comprising a head end board conforming to the outline of said opening, said bed part further comprising a pair of oppositely disposed sets of telescopically arranged rail elements, means for slidingly securing a rail element of each set within said opening of the lower portion of the front face of said article of furniture, a closure board and means for pivotally mounting said closure board in substantially vertical alignment with said substantially vertical fixed frontal portion of said article of furniture when said head end board is moved outwardly of said opening and to effect the swinging of said closure board upwardly to substantially horizontal position upon the movement of said head end board inwardly into said opening.

2. The combination of an article of furniture having its front face disposed in substantially fixed vertical position, a lower portion of its front face of said article being provided with an opening, a bed part comprising a head end board conforming to the outline of said opening, said bed part further comprising a pair of oppositely disposed sets of telescopically arranged rail elements, means for slidingly securing a rail element of each set within said opening of the lower portion of the front face of said article of furniture, said bed part further including pivotally connected bed spring parts to afford collapsing of said bed spring by vertically superimposing said bed spring parts on one another, a closure board and means for pivotally mounting said closure board in substantially vertical alignment with the front face of said article of furniture when said head end board is moved outwardly of said opening and to effect the swinging of said closure board upwardly to substantially horizontal position upon the movement of said head end board inwardly into said opening and the engagement by said collapsed bed spring with said closure board.

3. A collapsible bed comprising a head end board, a set of telescopically arranged rail elements, a foot member carried by one of said rail elements and including a portion securing said foot member to one of said rail elements, said portion being of enlarged dimension relative to an adjoining rail element, a bed spring for said bed and a skid member supporting a portion of said bed spring adjacent said adjoining rail element, said skid member comprising a flared portion for frictionally engaging and passing over said portion of enlarged dimension upon telescoping said rail elements when said bed is collapsed.

4. The combination of an article of furniture having its front face disposed in substantially fixed vertical position, a lower portion of its front face of said article being provided with an opening, a bed part comprising a head end board conforming to the outline of said opening, said bed part further comprising a pair of oppositely disposed sets of telescopically arranged rail elements, means for slidingly securing a rail element of each set within said opening of the lower portion of the front face of said article of furniture, said bed part further including pivotally connected bed spring parts to afford collapsing of said bed spring by vertically superimposing said bed spring parts on one another, said bed part further including a foot member for two oppositely disposed rail elements of said pair of sets of rail elements, said foot member comprising portions for securing said foot member respectively to said two oppositely disposed rail elements, said securing portions being of enlarged dimension relative to the adjoining rail elements respectively, said foot member further comprising a bar integrally connecting said securing portions to one another, a closure board and means for pivotally mounting said closure board in substantially vertical alignment with the front face of said article of furniture when said head end board is moved outwardly of said opening and to effect the swinging of said closure board upwardly to substantially horizontal position upon the movement of said head end board inwardly into said opening and the engagement by said collapsed bed spring with said closure board.

5. The combination of an article of furniture having its front face disposed in substantially fixed vertical position, a lower portion of its front face of said article being provided with an opening, a bed part comprising a head end board conforming to the outline of said opening, said bed part further comprising a pair of oppositely disposed sets of telescopically arranged rail elements, means for slidingly securing a rail element of each set within said opening of the lower portion of the front face of said article of furniture, said bed part further including pivotally connected bed spring parts to afford collapsing of said bed spring by vertically superimposing said bed spring parts on one another, said bed part further including a foot member for two oppositely disposed rail elements of said pair of sets of rail elements, said foot member comprising portions for securing said foot member respectively to said two oppositely disposed rail elements, said securing portions being of enlarged dimension relative to the adjoining rail elements respectively, said foot member further comprising a bar integrally connecting said securing portions to one another, a closure board, a pair of skid members respectively supporting one of said bed spring parts on said adjoining rail sections and including

a flared portion for frictionally engaging and passing over said securing portions respectively of said foot member upon the telescoping of said rail elements when said bed part is collapsed and means for pivotally mounting said closure board in substantially vertical alignment with the front face of said article of furniture when said head end board is moved outwardly of said opening and to effect the swinging of said closure board upwardly to substantially horizontal position upon the movement of said head end board inwardly into said opening and the engagement by said collapsed bed spring with said closure board.

In testimony whereof I have signed this specification this 11th day of August 1924.

FRANK G. CHEMPANOS.