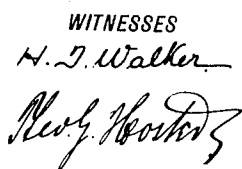


1,022,212.

2 SHEETS--SHEET 1.



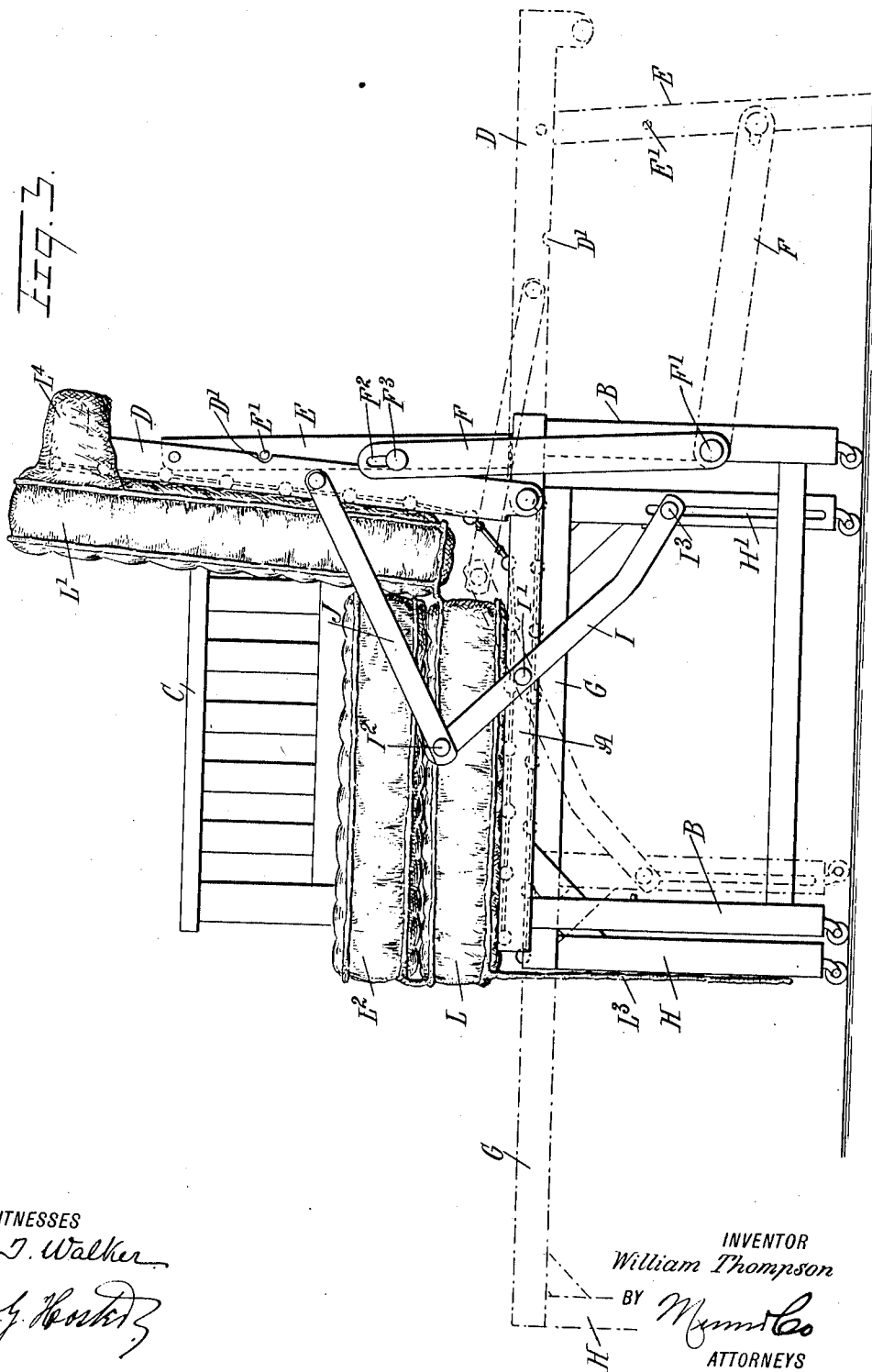
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1,022,212.

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 CONVERTIBLE BED AND DIVAN.
 APPLICATION FILED OCT. 21, 1911.

Patented Apr. 2, 1912.

2 SHEETS—SHEET 2.



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WILLIAM THOMPSON, OF NEW YORK, N. Y.

CONVERTIBLE BED AND DIVAN.

1,022,212.

Specification of Letters Patent.

Patented Apr. 2, 1912.

Application filed October 21, 1911. Serial No. 655,891.

To all whom it may concern:

Be it known that I, WILLIAM THOMPSON, a citizen of the United States, and a resident of the city of New York, borough of Brooklyn, in the county of Kings and State of New York, have invented a new and Improved Convertible Bed and Divan, of which the following is a full, clear, and exact description.

10 The object of the invention is to provide a new and improved convertible bed and divan arranged to permit of conveniently converting the bed into divan or vice versa, without much physical exertion on the part
15 of the operator. For the purpose mentioned use is made of a middle bed section and two end bed sections, of which the middle bed section is adapted to form the divan seat, and of the said end bed sections one is
20 pivoted on the middle bed section to swing upward for forming the back of the divan, and the other is mounted to slide forward or backward and under the middle bed section.

25 A practical embodiment of the invention is represented in the accompanying drawings forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the views.

30 Figure 1 is a perspective view of the convertible bed and divan with the parts extended to form a bed; Fig. 2 is a rear end elevation of the same with the parts in folded position to form a divan; and Fig. 3
35 is a sectional side elevation of the same on the line 3—3 of Fig. 2.

The middle bed section A is mounted on a frame B adapted to rest on the floor or other support, and the said frame B is provided with sides C adapted to form the sides
40 of the divan when the convertible bed and divan is used as a divan. At one end of the middle bed section A is pivoted the end bed section D, adapted to be swung down into horizontal alinement with the bed section A when the device is to be used as a bed, or the said section D is swung up into the position shown in Figs. 2 and 3, whenever the device is to be used as a divan.
50 The end section D is provided with pivoted legs E to support the end section D from the floor when the said end section is in horizontal position to be used as part of the bed, and the said legs E are adapted to
55 form a brace for the end bed section D

when the latter is swung upward to form the back of the device, the lower ends of the said legs E then resting on the rear end of the middle bed A. Links F connect the sides of the frame B with the legs E, and
60 each link F is pivoted at F' on the frame B, and the free end of the link F is provided with a slot F² engaging a pin F³ held on the corresponding leg E, so that a sliding connection is made between each link F and the
65 corresponding leg E, to permit using the legs E as a brace, as will be readily understood by reference to Fig. 3. The legs E are provided with stop pins E' engaging recesses D' formed in the end bed section D to limit
70 the swinging movement of the legs E relative to the end bed section D at the time the latter is in upright position, forming the back of the divan. An end bed section G is mounted on a frame H adapted to
75 travel on the floor or other support, and the said end bed section G is adapted to pass under the middle bed section A when the device is to be used as a divan, but when the device is to be used as a bed the end bed
80 section G is drawn out in a forward direction to form an extension of the middle bed section A, as plainly indicated in Fig. 1 and in dotted lines in Fig. 3.

In order to impart a downward and upward swinging motion to the end bed section D and an outward and an inward sliding or traveling motion to the end bed section G, the following arrangement is made:
85 On each side of the middle bed section A is pivoted at I' a lever I pivotally connected at one end at I² by a link J with the end bed section D. Each lever I is provided at the other end with a pin I³ engaging a vertical guideway H' formed on the frame H
90 at the rear end thereof, so that when the end bed section D is swung down the links J impart a swinging motion to the levers I which by their connection with the guideways H' move the frame H and consequently the end bed section G in an outward direction, and when the end bed section D is swung upward then a reverse or inward traveling motion is simultaneously
100 given to the frame H and the end bed section G.

The bed spring is made in two parts, of which the bed spring K is attached to both the middle bed section A and the end bed section D, while the other end bed section G
110

has its own individual bed spring K', as will be readily understood by reference to Figs. 2 and 3.

The mattress is made in three sections, L, L' and L², connected with each other in such a manner that when the device is used as a bed and the sections are extended they form one continuous mattress over the bed springs K and K', and when the device is used as a divan then the mattress section L' forms the back of the divan while the section L² is folded on top of the section L and forms the seat of the divan, as will be readily understood by reference to Fig. 3. The mattress section L of the middle bed section A is provided with a depending apron L³ to extend in front of the frames B and H as well as the sections A and G, so as to cover up the same when using the device as a divan, and when the device is used as a bed, the apron or flap L³ rests on top of the end bed section G and under the mattress section L². The outer end of the mattress section L' is provided at the under side with a hood L⁴ fitting over the free end of the end bed section D so as to hold the said mattress section L' in position on the end bed section D at the time the latter is used for forming the back of the divan.

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

1. A convertible bed and divan, comprising a middle bed section and two end bed sections, of which the middle section forms the seat of the divan, one of the said end bed sections being pivoted on the said middle bed section to swing upward for forming the back of the divan, and the other end bed section being mounted to slide forward into extended position for a bed and backward under the middle section when forming a divan, and means connecting the said sections with each other for swinging the said swing bed section upward and simultaneously sliding the other sliding bed section inward or for swinging the said swing bed section downward and simultaneously sliding the sliding bed section outward into extended position.

2. A convertible bed and divan, comprising a middle bed section and two end bed sections, of which the middle section forms the seat of the divan, one of the said end bed sections being pivoted on the said middle bed section to swing upward for forming the back of the divan and the other end bed section being mounted to slide forward into extended position for a bed and backward under the middle section when forming a divan, and a lever pivoted on the said middle bed section and pivotally connected at one end with the said swinging bed section and pivotally and slidingly connected at its other end with the said sliding bed section.

3. A convertible bed and divan, comprising a middle bed section and two end bed sections, of which the middle section is adapted to form the seat of the divan, one of the said end bed sections being pivoted on the said middle bed section to swing upward for forming the back of the divan, and the other end bed section being mounted to slide forward into extended position for a bed and backward under the middle section when forming a divan, the said sliding bed section being provided at the rear with vertical guideways, and a lever pivoted on the said middle bed section and pivotally and slidingly connected with the said guideways of the sliding bed section.

4. A convertible bed and divan, comprising a middle bed section and two end bed sections, of which the middle section is adapted to form the seat of the divan, one of the said end bed sections being pivoted on the said middle bed section to swing upward for forming the back of the divan and the other end bed section being mounted to slide forward into extended position for a bed and backward under the middle section when forming a divan, means connecting the said sections with each other for swinging the said swing bed section upward and simultaneously sliding the other sliding bed section inward or for swinging the said swing bed section downward and simultaneously sliding the sliding bed section outward into extended position, and a leg for the said swinging bed section and pivotally connected therewith, the leg being adapted to be seated on the rear of the middle bed frame section to form a brace for the swinging bed section when the latter is folded and forms the back for the divan.

5. A convertible bed and divan, comprising a middle bed section and two end bed sections, of which the middle section is adapted to form the seat of the divan, one of the said end bed sections being pivoted on the said middle bed section to swing upward for forming the back of the divan, and the other end bed section being mounted to slide forward into extended position for a bed, and backward under the middle section when forming a divan, means connecting the said sections with each other for swinging the said swing bed section upward and simultaneously sliding the other sliding bed section inward or for swinging the said swing bed section downward and simultaneously sliding the sliding bed section outward into extended position, a leg for the said swinging bed section and pivotally connected therewith, the leg being adapted to be seated on the rear of the middle bed frame section to form a brace for the swinging bed section when the latter is folded and forms the back for the divan, and a link pivoted to middle bed frame section

and having a sliding and pivotal connection with the leg.

6. In a convertible bed and divan, a middle bed section, an end section pivoted to the middle section, a second end section mounted to slide under the middle section, a lever pivoted intermediate of its ends to the middle section and having one end pivotally and slidably connected with the sliding end section, and a link pivoted to the

other end of the lever and to the hinged end section.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

WILLIAM THOMPSON.

Witnesses:

NORMAN J. ROSS,
CHAS. H. ALDRIDGE.