

A. M. BROOKE.
 DEVICE FOR MOVING MATTRESSES.
 APPLICATION FILED OCT. 17, 1908.

915,734.

Patented Mar. 23, 1909.

2 SHEETS—SHEET 1.

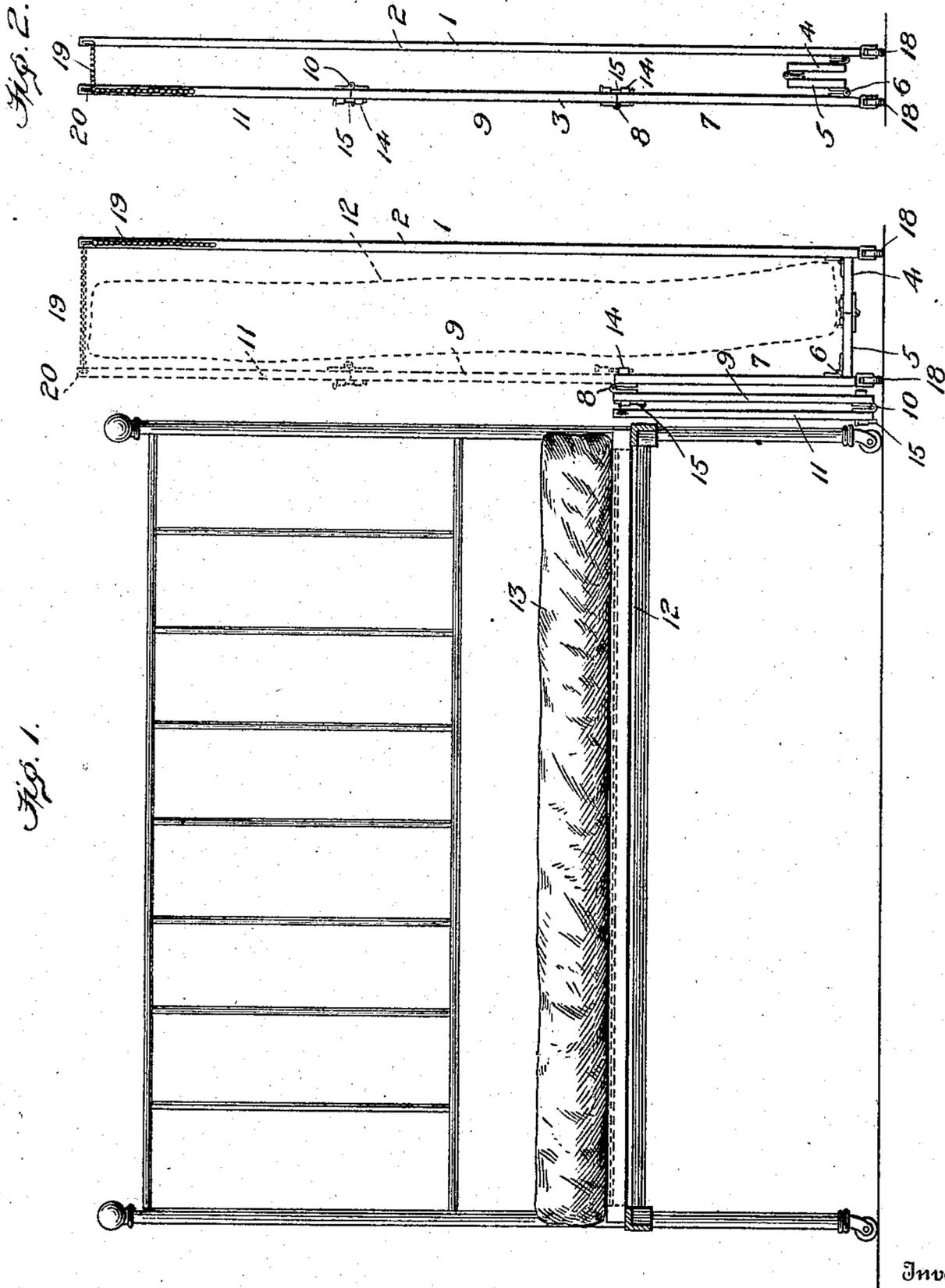


Fig. 1.

Fig. 2.

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Witnesses

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Fig. 3.

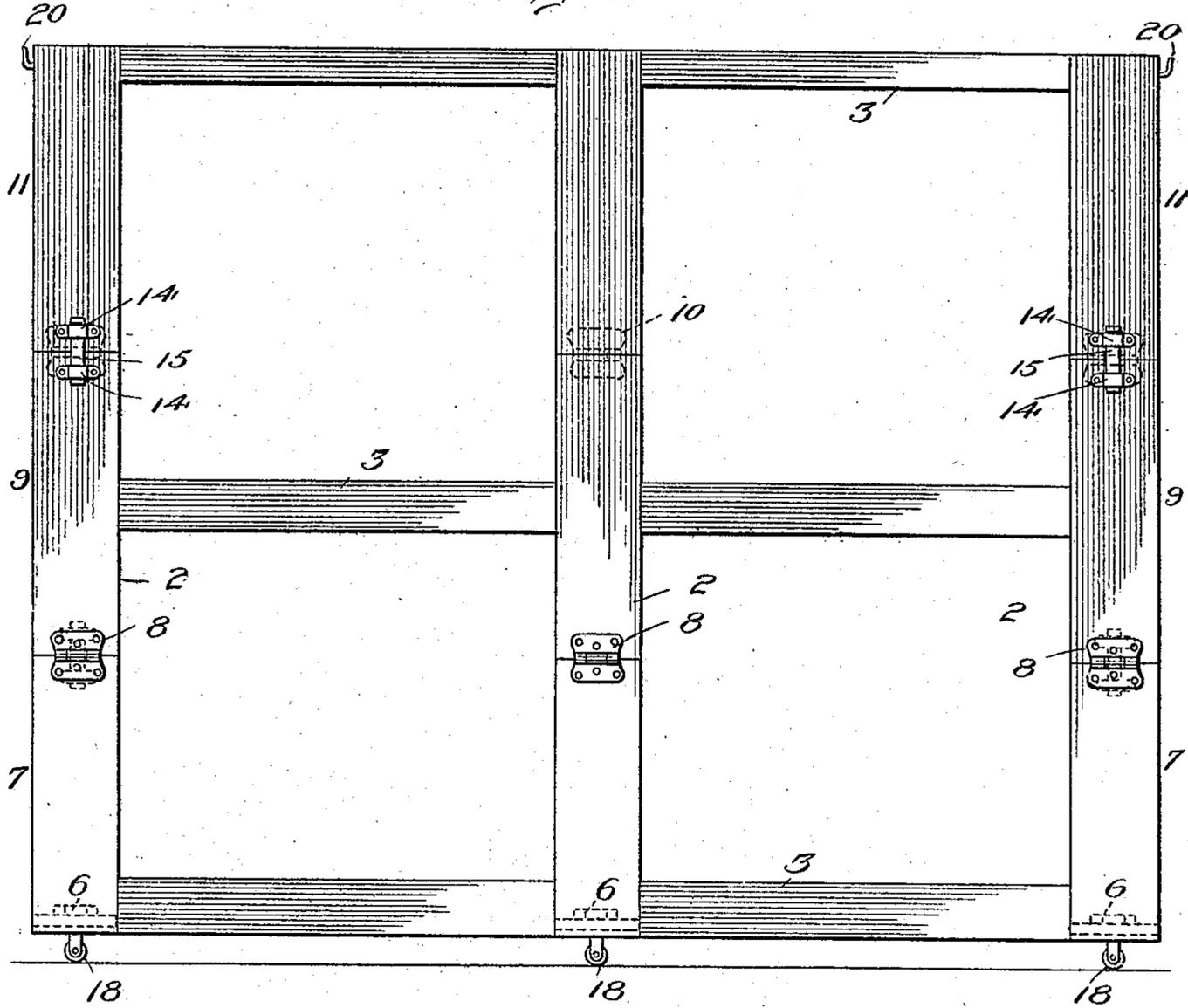
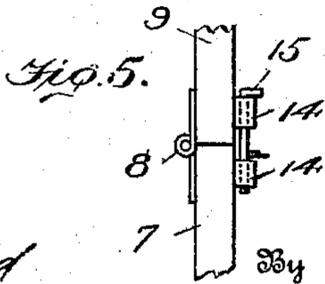
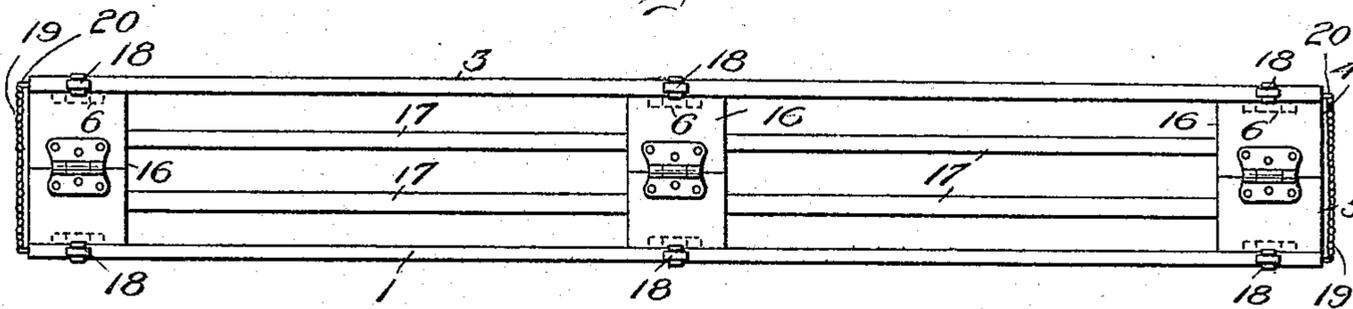


Fig. 4.



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UNITED STATES PATENT OFFICE.

ANNA M. BROOKE, OF ENSLEY, ALABAMA.

DEVICE FOR MOVING MATTRESSES.

No. 915,734.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, ANNA M. BROOKE, a citizen of the United States, residing at Ensley, in the county of Jefferson and State of Alabama, have invented new and useful Improvements in Devices for Moving Mattresses, of which the following is a specification.

My invention relates to a novel apparatus for handling and transporting mattresses, the object of which is to enable the mattresses to be handled and aired with ease by persons whose strength is not sufficient to handle articles of this weight without assistance.

My invention consists in a light truck or carrier which can be moved into position to the side of the bed so that the mattress can be slid into it and held until it rests therein on one side edge. The carrier will hold the mattress in upright position between the side members thereof and is provided with rollers or wheels so that it can be readily moved to the porch or other point for airing. I prefer that the carrier be made collapsible so that it can be readily stored in a small space, and in practice I prefer that the frame be made of lattice work so that the mattress can be aired or even beaten while held in position in the frame.

My invention comprises the details of construction and arrangement of parts herein-after more particularly described and claimed, reference being had to the accompanying drawings, in which:—

Figure 1 is an end view of my apparatus in position to receive a mattress from a bed also illustrated. Fig. 2 is an end view showing the apparatus collapsed for storage. Fig. 3 is a side illustration, and Fig. 4 is a bottom plan view. Fig. 5 is a detail view of the manner for hinging and locking the sections of the collapsible sides together.

Similar reference numerals refer to similar parts throughout the drawings.

In the preferred embodiment of my invention illustrated in the accompanying drawings, the same comprises a latticed work side member 1, consisting of vertical bars 2 and transverse side slats 3. Dimensions of this side are made slightly greater than the length and height of mattresses in common use. Along its lower edge the side 1 is hingedly connected to one side member 4 of the bottom, which side member is in turn hinged to the other side member 5, which members 4 and 5 constitute the bottom of the carrier and are adapted by their hinged connections

to fold upwardly and inwardly so as to bring the side members of the carrier together. Along its outer edge the side member 5 of the bottom is connected by hinges 6 to the lower member 7 of the other side of the carrier. This lower member 7 extends upwardly to a height substantially equal to that of the springs of the average bed. Along its upper edge this side member 7 is connected by hinges 8 to a second side member 9, the hinges being disposed so that this member will fold outwardly and downwardly against the side of the member 7. The member 9 is in turn connected by hinges 10 to the top section 11 of the side member in question, the hinges 10 being disposed so that the member 11 will fold inwardly against the member 9 and is of such width that when the side member 9 is folded downwardly it will not stand above the top of the member 7. In Fig. 1 of the drawings I show three members constituting the collapsible side of the carrier in their folded position beside a bed 12 supporting the mattress 13. It will be noted that this mattress may be readily pushed over the folded side members and turned up on its side edge against the side 1. The sides 11 and 9 will then be moved up into vertical alinement with the side 7 and, in order to hold the members in this position, I provide opposite the hinges 8 and 10 and on the opposite sides of the bars 2, to which the hinges are connected, a pair of metal loops 14 (Fig. 5) through which a bolt or slide 15 is adapted to be passed to hold the hinged connection rigid. Small loops and bolts are provided to lock the hinge joints in the bottom of the carrier. The collapsible side of the carrier has the vertical bars 2 and the longitudinal slats 3 as in the case of the side member 1.

The bottom of the carrier is also preferably of open work and the sections 4 and 5 thereof comprise cross bars 16 hinged together and connected by longitudinal slats 17. In order to enable the carrier to be moved with ease over carpets and rugs and about the room, I provide casters or roller supports 18 which are fastened to the bottom ends of the vertical bars 2 of each side of the carrier. After the collapsible side member has been braced so as to stand rigid in the manner described, I hold the sides together at their upper ends by means of a chain 19 connected to the collapsible side member and adapted to engage a hook 20 at the top of the side 1.

In practice, when the mattress has been slid into the carrier and locked therein in the manner described, all of which may be done with ease and by persons of slight strength, the carrier with the mattress inclosed may then be moved out to the porch or other place of airing and will remain in the carrier while it is being aired.

By this apparatus it will be seen that I avoid the handling of mattresses which is almost impossible for the average woman, and further, while the mattress is airing, the same is not thrown over balustrades and rails and bent across the middle, which injures the mattress and displaces the filler. By using my apparatus the mattress is also kept much cleaner and will last longer, and when the apparatus is not in use it may be collapsed by bending the bottom sections together and stored in very little space, as seen by reference to Fig. 2.

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

1. A device for moving mattresses comprising a frame consisting of a base and two side members connected to said base and having substantially the length and width of a mattress, roller supports for the frame, and means to lower one side member so that a mattress may be slid into the frame from a bed, and means to hold said members in position to support a mattress in a vertical position between them, substantially as described.

2. An apparatus of the character described for moving mattresses comprising side members and a bottom member of substantially the length of a mattress, one of said side members being formed in sections and collapsible for the purposes described, means to hold the sections of said collapsible member rigidly in extended vertical position, means to connect the said members near their upper ends to hold the mattress in vertical position between them, and roller supports for the apparatus, substantially as described.

3. A device for moving mattresses which comprises a base and roller supports therefor, one side member substantially the length and width of a mattress, the second side member adapted to fold downwardly to permit the

mattress to be slid from a bed into the device, means to hinge the sections of said folding side together, means to lock said sections in extended vertical position, and means to connect the side members together near their tops.

4. A movable carrier for mattresses comprising a vertical lattice-work side member, a bottom member, a second lattice-work side member formed in sections, means to rigidly lock said sections in a vertical extended position, means to collapse the bottom member, and means to fasten the tops of the side members together when in use.

5. A carrier for mattresses comprising a bottom formed in hinged sections, side members to which said bottom sections are hinged, rollers connected to the bottoms of the side members, said side members comprising vertical bars and transverse slats connected to said bars, the vertical bars of one member being formed in sections, the bottom section of said latter member being substantially on a level with the average bed so that the mattress may be passed over the same and into the frame, and means to hold the sections of said side in vertical superimposed position when the mattress is in place between the two sides, substantially as and for the purposes described.

6. A device for moving mattresses which comprises a base of substantially the length of a mattress, two side members hinged to the sides of said base, roller supports for the combined frame, said side members when in vertical position standing at a height corresponding to the width of a mattress, means to connect the side members near their tops so as to form a long narrow frame of sufficient width to receive and support a mattress therein in vertical position on its side edge, and means to bring one side member below the level of the bed to permit a mattress to be slid therefrom into the frame, substantially as described.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

ANNA M. BROOKE.

Witnesses:

CRAIG STURGIS,
NOMIE WELSH.