

(No Model.)

T. T. WOODRUFF, Dec'd.

3 Sheets—Sheet 1.

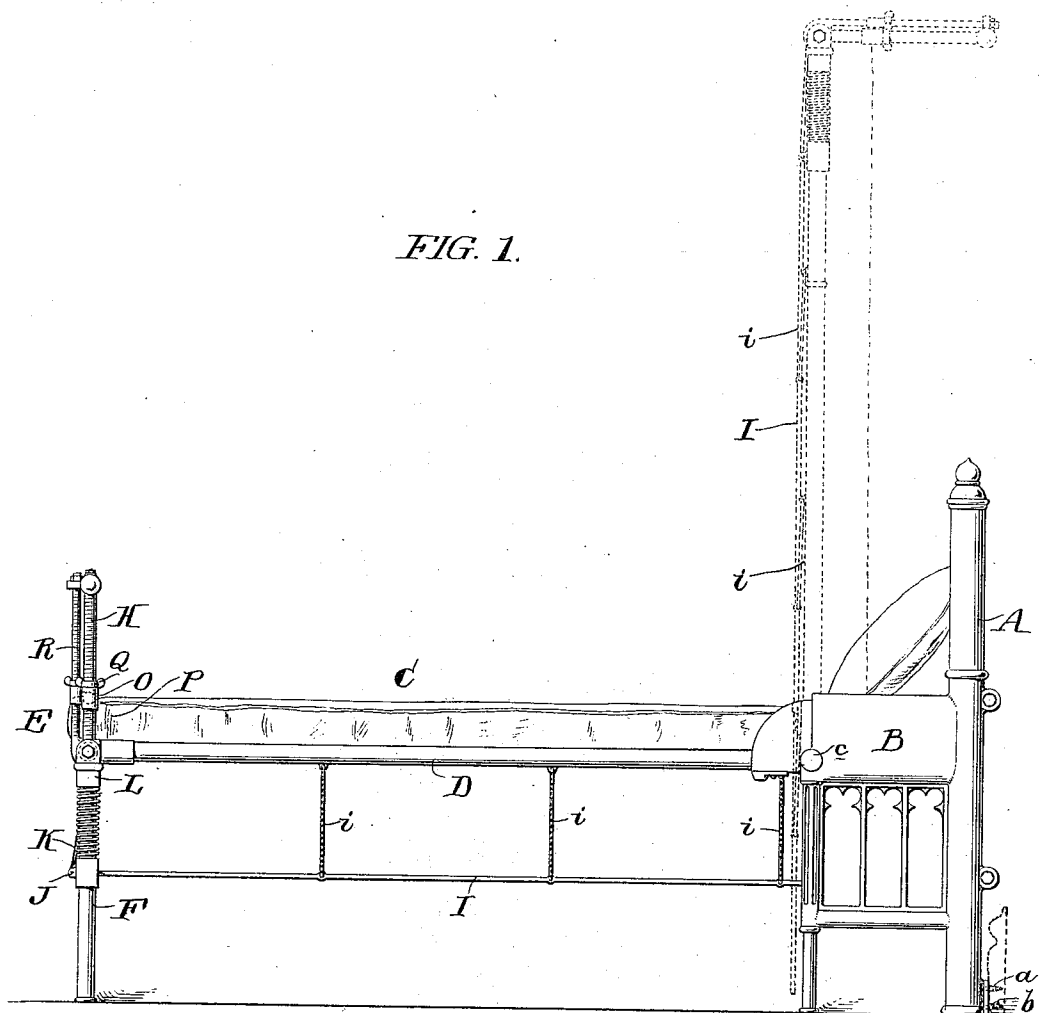
I. I. GERSON, Administrator.

FOLDING BEDSTEAD.

No. 512,185.

Patented Jan. 2, 1894.

FIG. 1.



WITNESSES:

Wm. Wittreich
H. L. Matherwell

INVENTOR

Sidney J. Gerson
administrator of the Estate of
Theo. J. Woodruff deceased.
By his atty
[Signature]

(No Model.)

3 Sheets—Sheet 2.

T. T. WOODRUFF, Dec'd.

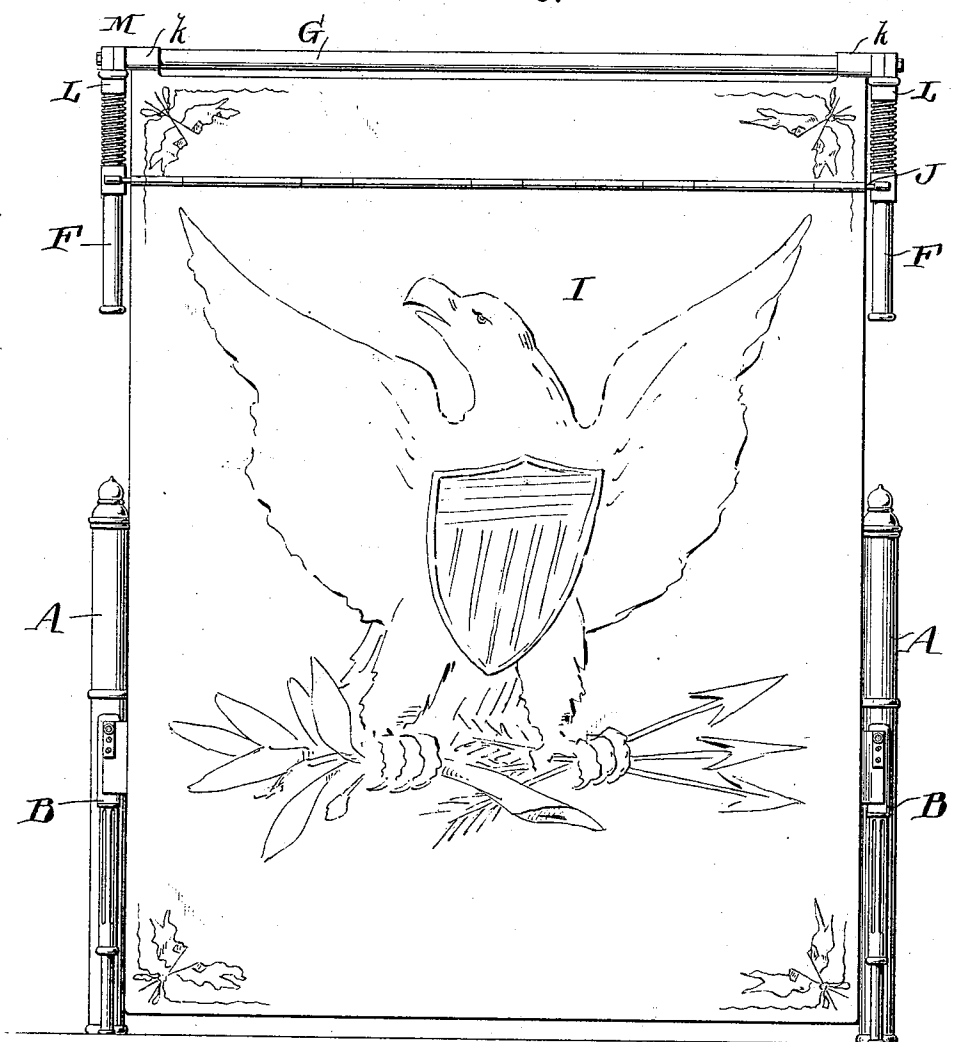
I. I. GERSON, Administrator.

FOLDING BEDSTEAD.

No. 512,185.

Patented Jan. 2, 1894.

FIG. 2.



WITNESSES:

C. M. Dietrich
H. L. Motherwell.

INVENTOR

Isidor I. Gerson
Administrator of the Estate of
Thos. T. Woodruff deceased
By his atty. *[Signature]*

(No Model.)

3 Sheets—Sheet 3.

T. T. WOODRUFF, Dec'd.

I. I. GERSON, Administrator.

FOLDING BEDSTEAD.

No. 512,185.

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FIG. 3.

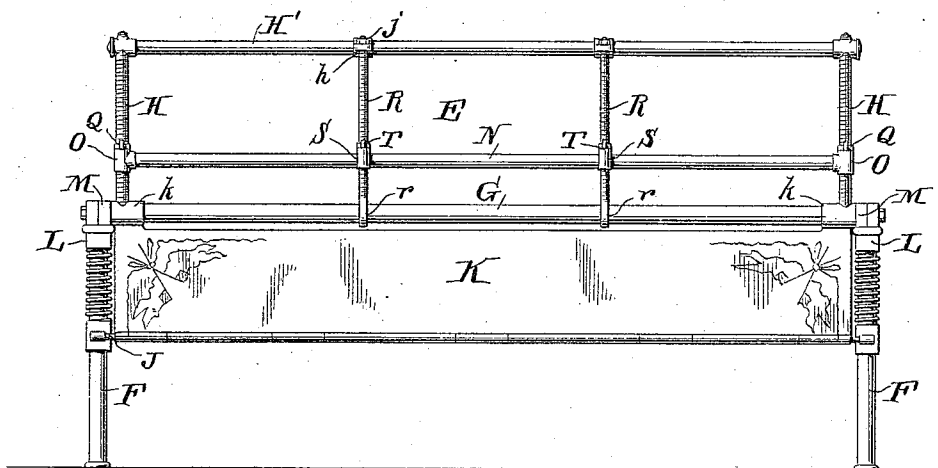


FIG. 6.

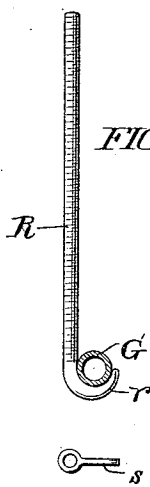
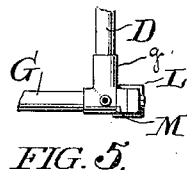
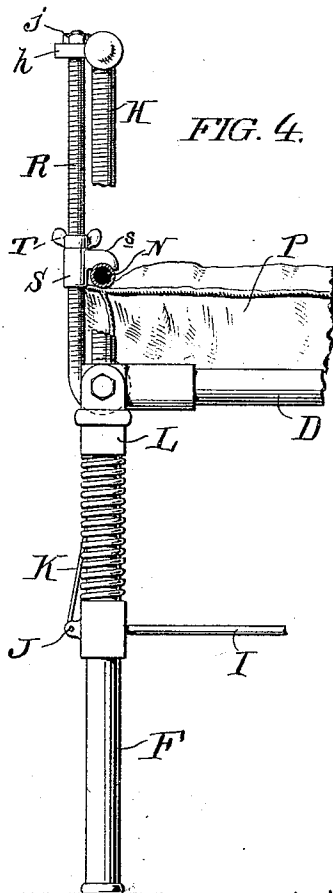


FIG. 7.



FIG. 4.



WITNESSES:

C. M. Dietrich.
H. L. Mothum.

INVENTOR

Isidor J. Gerson
Administrator of Estate of
Theo. T. Woodruff dec'd
By his atty *[Signature]*

UNITED STATES PATENT OFFICE.

ISIDOR I. GERSON, OF PHILADELPHIA, PENNSYLVANIA, ADMINISTRATOR OF
THEODORE T. WOODRUFF, DECEASED.

FOLDING BEDSTEAD.

SPECIFICATION forming part of Letters Patent No. 512,185, dated January 2, 1894.

Application filed November 15, 1892. Serial No. 462,100. (No model.)

To all whom it may concern:

Be it known that THEODORE T. WOODRUFF, deceased, formerly of the city and county of Philadelphia and State of Pennsylvania, had
5 invented an Improvement in Folding Bedsteads, of which the following is a specification.

This invention relates to folding bedsteads and consists of certain improvements which
10 are fully set forth in the following specification and are shown in the accompanying drawings which form a part thereof.

The present invention is particularly adapted to folding bedsteads constructed of metal,
15 but it is not in any way limited thereto in its application.

The objects of the invention are as follows: first, to provide the folding member or portion of the bedstead with a cover or panel to
20 conceal the bottom of the bedstead, when the folding member or portion is folded up, so that a pleasing effect may be produced thereby, and to make such a panel or covering of such a character that it will not add appreciably to the weight of the folding section;
25 second, to provide the bedstead with devices for clamping the mattress and bed clothes securely in place, so that they will not move or become disarranged when the bedstead is
30 folded or unfolded.

For the purpose of explaining the improvement of construction by which these objects are attained, reference will now be made to the drawings.

35 In the drawings, Figure 1 is a side elevation of a folding bedstead embodying the improvements. Fig. 2 is an end elevation of the same when folded up. Fig. 3 is an end elevation of the bedstead when the folding section is lowered. Fig. 4 is a side elevation of a portion of the bedstead. Figs. 5, 6 and 7
40 are detail views of parts.

A is the stationary portion of the bedstead comprising the head board and the side frame
45 B, B.

C is the swinging or folding section of the bedstead, pivotally connected with side frame B, B, of the stationary portion as at c. The swinging or folding section preferably consists of the side rails D, D, the end or foot
50

frame E and the pivoted legs F, F. The end or foot frame E consists of the transverse end rail G connecting the outer ends of the side rails E, E, the uprights H, H carried by the rail G, and the cross rail H', carried by the uprights H, H. The legs F, F are preferably
55 pivoted to the folding frame C on the outside of the point of connection of the side rails D, D and end rail G; and in a metallic bedstead this connection may be made by a coupling,
60 to which the legs F, F may be pivoted. This is clearly shown in Fig. 5. By this construction the legs F, F are located beyond or outside of the side rails D, D.

I is a panel of any suitable material, suspended by links i, i, from the bottom of the
65 folding frame C, free at one end and hinged at the other end to a transverse rod J carried by the pivoted legs F, F.

K is a panel section hinged on one side as
70 by eyes k, to the end rail G and on the other side to the transverse rod J carried by the legs F, F. The panels I and K thus form together a sectional panel with the two sections or portions hinged together by the rod J.
75

When the folding member C is down, as shown in Fig. 1, the panel I hangs from the links or cords i under the bedstead and is thus suspended from the bottom of the bedstead parallel to the plane of the member C.
80 The panel section K being hinged to the end rail G and the rod J carried by the legs F, F, extends in a substantially vertical plane as is shown in Fig. 3, and adds to the appearance of the foot board of the bedstead. When the
85 member C is folded up, the legs F, F swing upon their pivots in a vertical plane and as the rod J moves with the legs, the panels I and K are brought into the same vertical plane and cover the bottom of the bedstead,
90 as is shown in Fig. 2. It will be seen that the free end of the panel I is moved down to a point near the floor, when the member C is folded up and the legs F, F are turned so that it entirely covers the bottom of the bed-
95 stead up to the rod J, and the panel section K covers the portion from the rod J to the foot rail G.

The panel may be handsomely decorated or ornamented so as to present an artistic ap-
100

pearance. It may be provided with a mirror, if desired. The rod J may be omitted, and the panels I and K need not be hinged together.

The panel section K may be entirely omitted, or a "valance" may be substituted for it. The panels may be made of sheet metal or other light material so as not to add appreciably to the weight of the folding member or section of the bedstead.

For the purpose of affording greater firmness and rigidity to the stationary frame A, it may be secured to the wall or frame work of the room. In dotted lines in Fig. 1, there is illustrated one way in which it may thus be secured—i. e. by means of screws *a* passed through a plate *b*, carried by the frame A, into the base.

It is immaterial to the present invention what means may be employed for assisting the raising or lowering of the folding member C, or what devices may be used to counterbalance its weight. Such devices may be employed if desired. It is also immaterial to the present invention how the legs F, F', may be locked in their folded and unfolded positions, and devices for that purpose may be employed or not as desired. In the drawings the legs are shown provided with flat faced spring pressed sliding collars L adapted to fit against the flat faced pieces M on the ends of the frame C, when the legs are turned from one extreme position to the other, but free to move against the action of the springs while the legs are being turned. In this application, however, no claim is made to this construction as a part of the present invention, as this forms a part of the application, Serial No. 452,099, filed November 15, 1892.

I shall now refer particularly to that part of the invention which relates to the devices for clamping the mattress and bed clothes upon the folding portion C. N is a transverse clamping bar carried by collars O, O which fit upon the uprights H, H and are movable thereon. The bar N bears upon the end of the mattress P. For the purpose of adjusting the bar N and forcing it with considerable pressure upon the mattress P, I employ internally threaded adjusting nuts Q, Q carried by the rods H, H and bearing upon the collars O. The rods or uprights H, H are threaded as shown to carry the nuts Q, Q. By adjusting the nuts Q, Q the clamping bar N may be pressed down upon the mattress and bed clothes with any pressure desired.

For the purpose of evenly distributing the pressure and obtaining a more effective clamping effect, one or more threaded guiding rods R may be employed, arranged between the uprights G, G, with sliding collars S having projections *s* bearing upon the bar N, and internally threaded adjusting nuts T for forcing the collars S down. When these additional rods R are employed they may be ap-

plied as shown in Figs. 3, 4 and 6, the rods R being provided with hooked ends *r* which fit under the foot bar G and being connected at their upper ends with extensions *h* from the rail H', by nuts *j*.

While the minor details of construction shown are preferred these are not to be taken as necessary limitations of the invention, as it is apparent that they may be varied without departing from the invention.

What is claimed as new is as follows:

1. In a folding bedstead, the combination with the stationary frame and the folding frame, of folding legs carried by the folding frame, a panel suspended from the bottom of the folding section and positively connected at one end with the folding legs.

2. In a folding bedstead, the combination with the stationary frame and the folding frame, of folding legs carried by the folding frame, a panel suspended from the bottom of the folding section and positively connected at one end with the folding legs, and a second panel hinged to the foot board of the folding section.

3. In a folding bedstead, the combination with the stationary frame and the folding frame, of folding legs carried by the folding frame, a panel suspended from the bottom of the folding section and positively connected at one end with the folding legs, and a second panel hinged to the foot board of the folding section and positively connected on its opposite side with the folding legs.

4. In a folding bedstead, the combination with the stationary frame and the folding frame of folding legs carried by the folding frame, a panel I suspended from the bottom of the folding frame, a panel K hinged to the end of the folding frame, and a rod J carried by the folding legs and hinging the panels I and K together.

5. In a folding bedstead the combination with the folding portion and stationary portion, of upright threaded rods carried by the end of the folding portion, a clamping bar carried by the upright rods and adjusting nuts carried by the threaded rods for adjusting the clamping bar.

6. In a folding bedstead, the combination with the folding frame and the stationary frame, of upright rods H and R carried by the end of the stationary frame, a transverse clamping bar N carried by the rods H, and adjustable collars S carried by the rods R and bearing upon the bar N.

In testimony of which invention I have hereunto set my hand.

ISIDOR I. GERSON,

Admr. of the estate of Theodore T. Woodruff, deceased.

Witnesses:

LOUIS J. GERSON,

ERNEST HOWARD HUNTER.