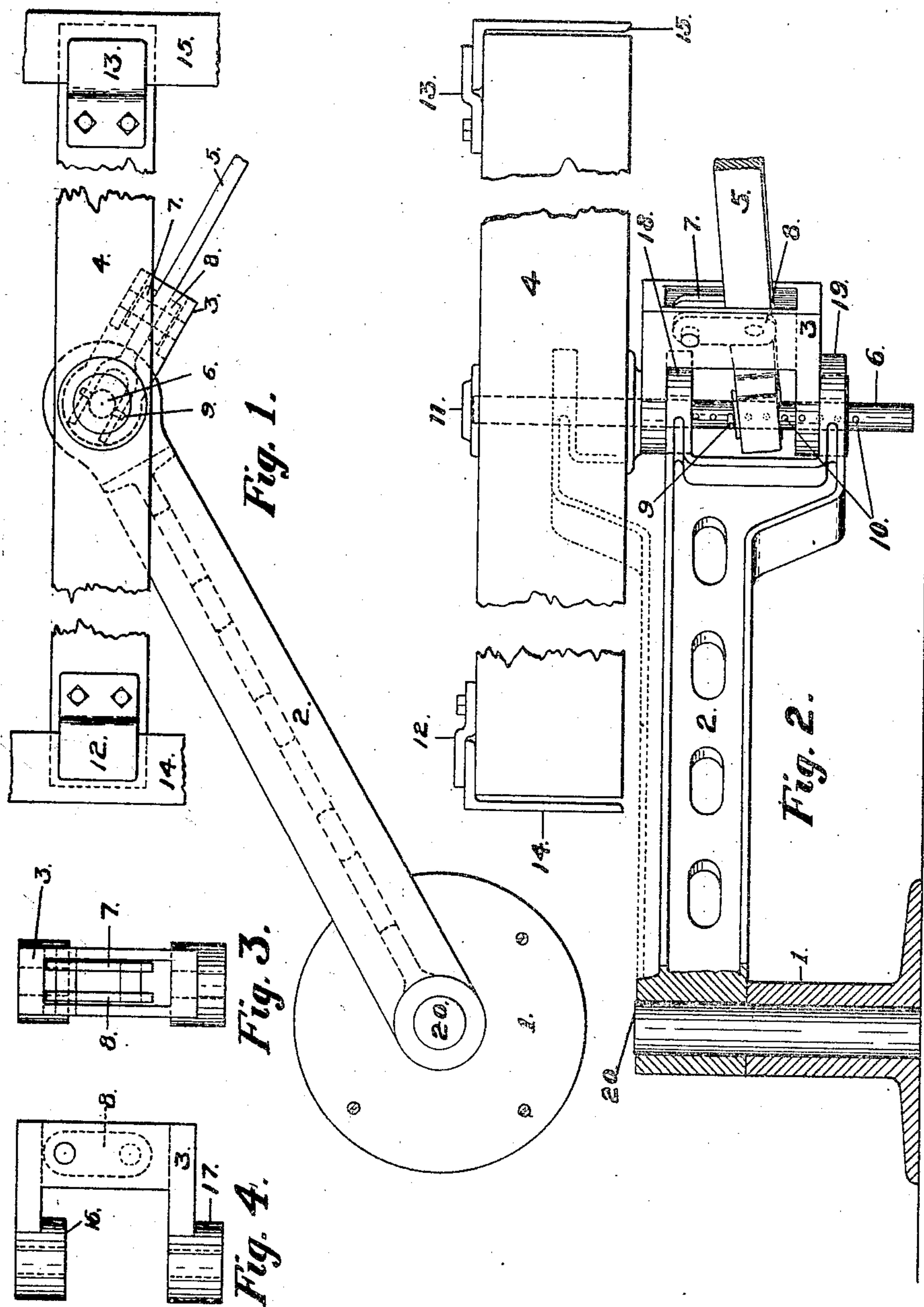


W. H. FULTON.
BED MOVING MACHINE.
APPLICATION FILED NOV. 14, 1907.

923,424.

Patented June 1, 1909.



Witnesses

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WILLIAM HOWARD FULTON, OF ALBANY, NEW YORK.

BED-MOVING MACHINE.

No. 923,424.

Specification of Letters Patent.

Patented June 1, 1909.

Application filed November 14, 1907. Serial No. 402,153.

To all whom it may concern:

Be it known that I, WILLIAM HOWARD FULTON, a citizen of the United States of America, and a resident of Albany, New York, have invented a certain new and useful Bed-Moving Machine, of which the following is a specification.

My invention relates to a machine for the purpose of reducing the wear on carpets or floors, caused by the friction of bed casters, when beds are moved from and to the wall, as is very generally done, when beds are being made up. This result may be attained by the use of the machine shown in the accompanying drawing, in which,

Figure 1 is a plan view, Fig. 2 is a side elevation, with the base and a portion of the swinging arm, shown in section. Fig. 3 is an end view of the swinging link support and Fig. 4 is a side view of the same piece.

Similar numerals refer to similar parts throughout the several views.

The base 1 forms a support for the swinging arm 2, which carries at one end two projections containing circular holes, placed axially one above the other. The swinging link support 3, carries annular bosses 16 and 17, which engage in the circular holes in arm 2. The pivot 6 passes through the annular holes in 3 and carries the beam 4 on its upper end as shown. The lever 5, supported by link 7 and 8 and pivot 6, provide means of raising and lowering beam 4. The ends of beam 4 are fastened to the head and foot members of the bed, as indicated by the clamps 12 and 13, secured to the frame of the bed 14—15. Adjustment for different heights is obtained by means of changing the location of the pin 9 in the series of holes 10. For a further range of adjustment, the arm 2 may be turned over on the pivot 20, taking the position indicated by the dotted lines. The balance of the mechanism would then be assembled as previously described.

In the drawing for the purpose of clearness, the swinging link support 3 and lever 5 are shown swung to one side. Normally these parts will stand at right angles to the beam 4, extending toward the side of the bed, making the handle of the lever readily accessible.

The purpose of the machine is accomplished by lifting the bed by means of the lever 5, thereby wholly or partially removing the weight of the bed from the casters,

and then swinging the bed to the desired position around the pivot 20.

It will be noticed that by properly locating the machine, it will provide for either right or left hand movement of a bed as may be necessary in different rooms.

I do not limit my invention to a swinging arm carrying the lifting mechanism, as it will be readily seen that the lifting elements might be carried by any form of movable support and the required results be accomplished, or the supports for the weight carrying element might be stationary and the weight carrying element be arranged to travel on the supports.

What I claim, as my invention, and desire to secure by Letters Patent, is—

1. The combination with a bedstead, of means for lifting the bedstead, a movable support for the lifting means, and a stationary standard on which the movement takes place whereby the bedstead may be lifted and moved without scarring or wearing the floor or floor-covering.

2. The combination with a bedstead, of means situated beneath the bedstead for wholly or partially lifting the weight of the bedstead, a stationary base, and means for moving the bedstead on the stationary base while its weight is wholly or partially supported by the lifting means.

3. The combination with a bedstead, of a weight-raising device associated therewith, a stationary base, and means for moving the bedstead on the stationary base after its weight has been wholly or partially removed from the casters by the said weight-raising device.

4. The combination with a bedstead, of a weight-lifting device, a stationary base, and mechanism interposed between the lifting element and the bed, whereby the weight of the bed may be wholly or partially supported by the lifting element, and means for moving the bed on the stationary base when it is so supported.

5. The combination with a bedstead, of a stationary support therefor other than the usual casters, and mechanism interposed between the bedstead and the stationary support whereby the weight of the bedstead may be wholly or partially carried by the stationary support while the bedstead is moved.

6. The combination with a bedstead, of

weight-supporting means therefor other than the usual casters, said means comprising a stationary part and a carrying element movable on said stationary part, whereby the
5 weight of the bedstead is wholly or partially removed from the casters while it is moved.

7. The combination with a bedstead, of a stationary support, a swinging arm mounted on said support, and carrying mechanism
10 mounted on said swinging arm and arranged to partially or wholly carry the weight of the bedstead while it is moved.

8. The combination with a bedstead, of a stationary support, a swinging arm mounted

on said support, carrying mechanism mounted on said swinging arm and engaging the head and foot members of the bedstead, and means for elevating the said carrying mechanism to lift the weight of the bedstead partially or wholly from its casters while it is
15 moved. 20

Signed at Albany, New York, this 8th day of November 1907.

WILLIAM HOWARD FULTON.

Witnesses:

GEO. H. DIACK,
WM. AUSTIN.