

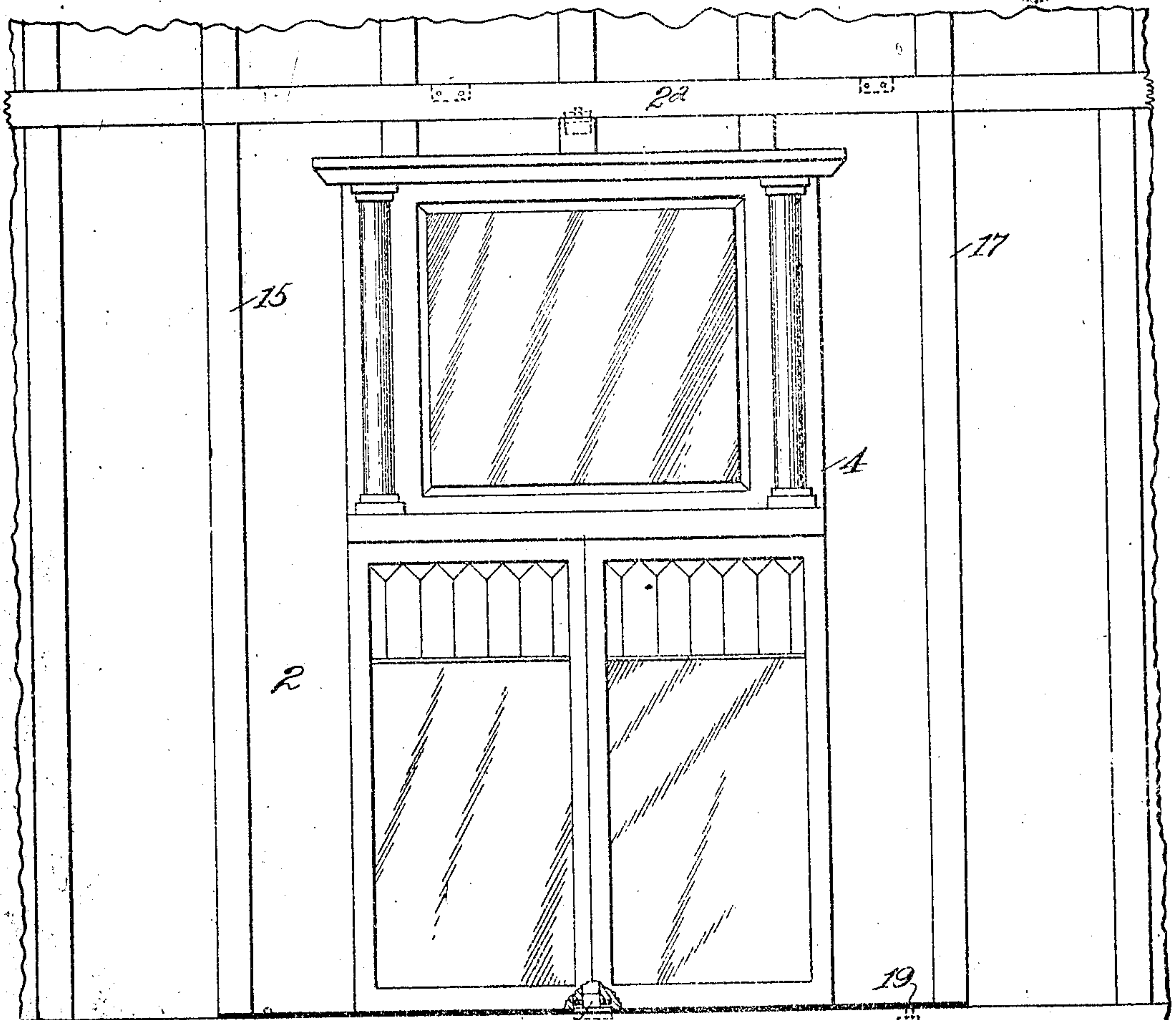
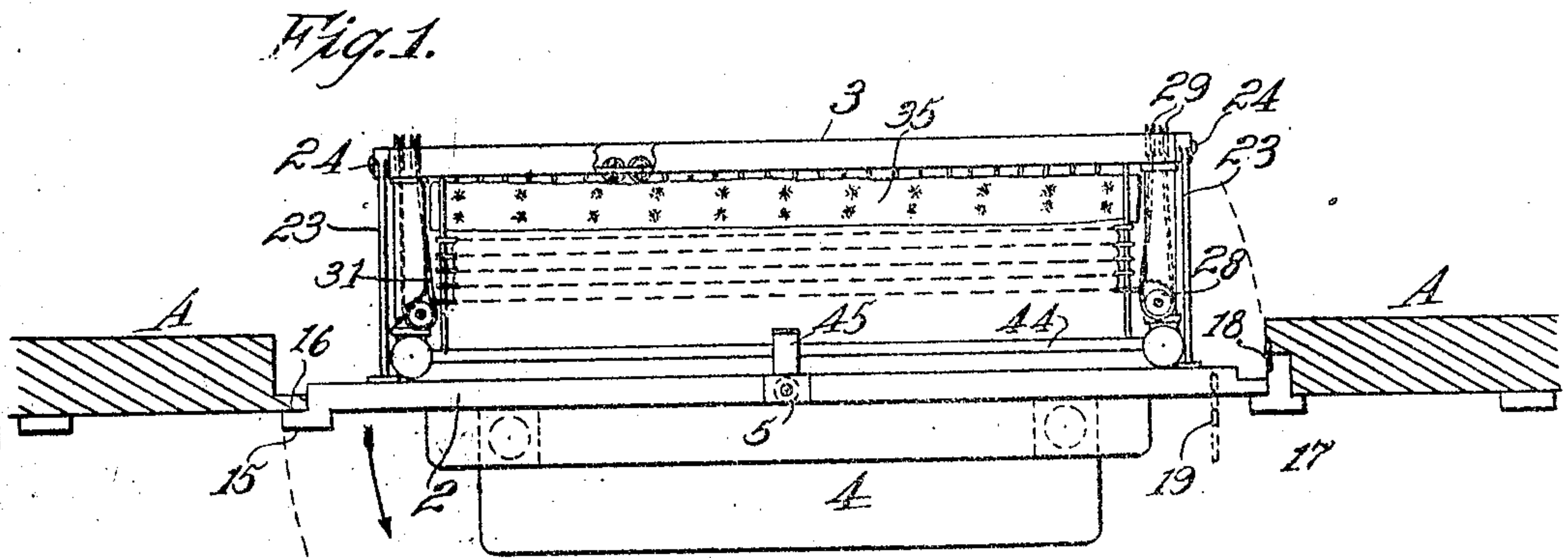
No. 892,668.

PATENTED JULY 7, 1908.

C. R. JORDAN.  
APARTMENT WALL FURNITURE.

APPLICATION FILED MAY 19, 1906.

2 SHEETS—SHEET 1.



Witnesses: *Fig. 2.*

*F. E. Hayward,*  
*Attorney*

Inventor:  
*Charles R. Jordan;*  
By,  
*Geo. H. Strong,*  
*Atty.*

No. 892,668.

PATENTED JULY 7, 1908.

C. R. JORDAN.  
APARTMENT WALL FURNITURE.

APPLICATION FILED MAY 19, 1906.

2 SHEETS—SHEET 2.

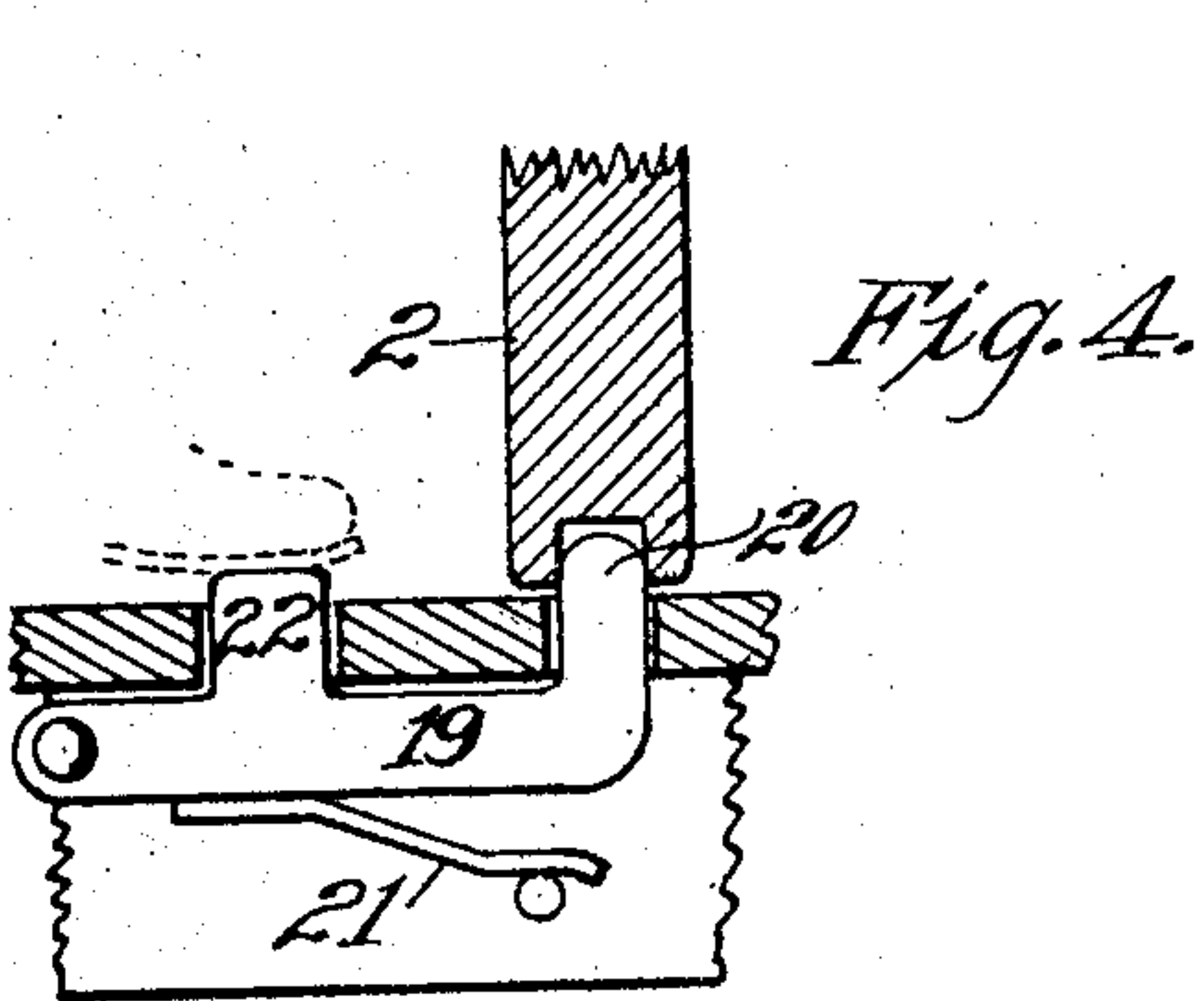


Fig. 4.

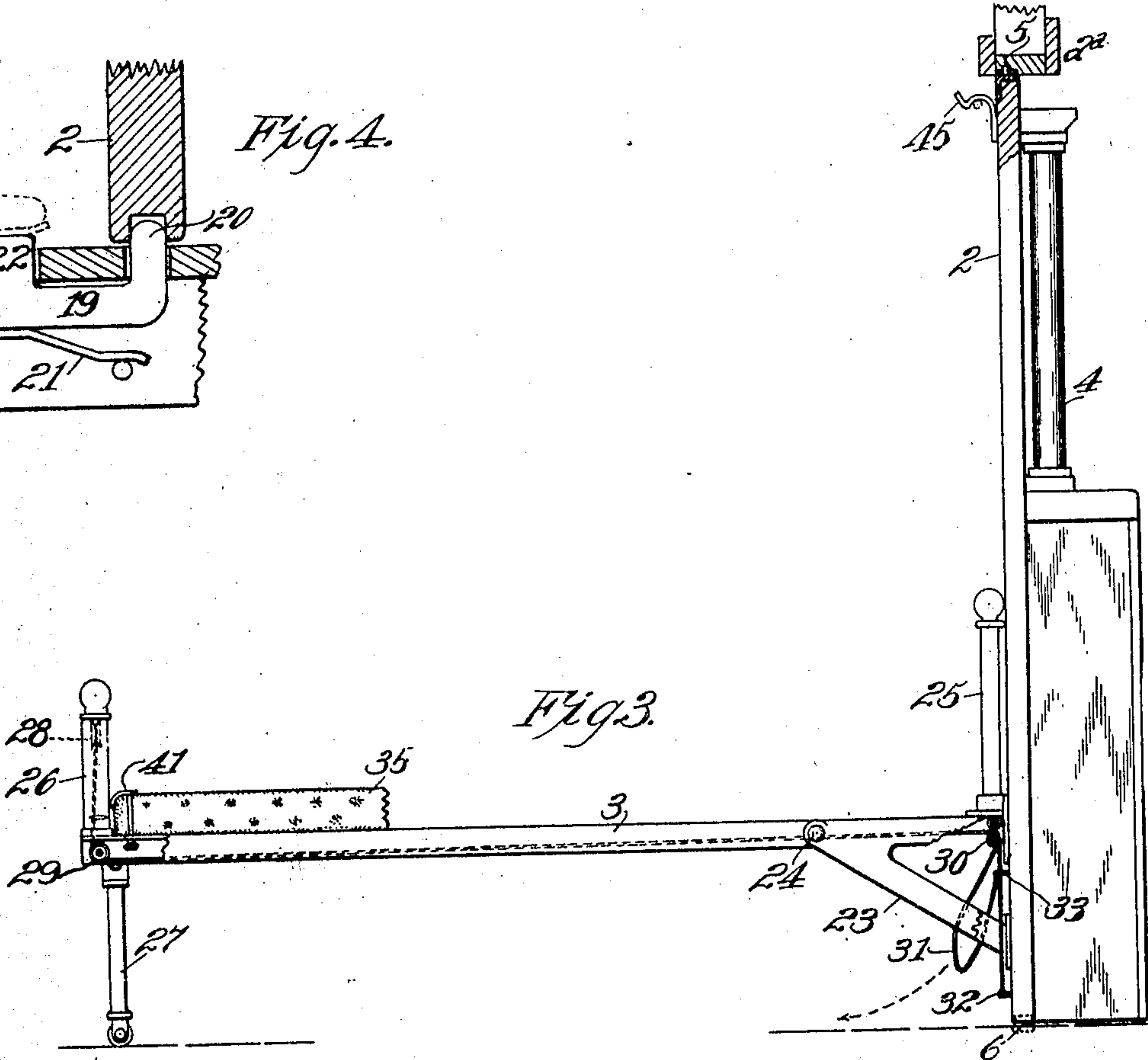


Fig. 3.

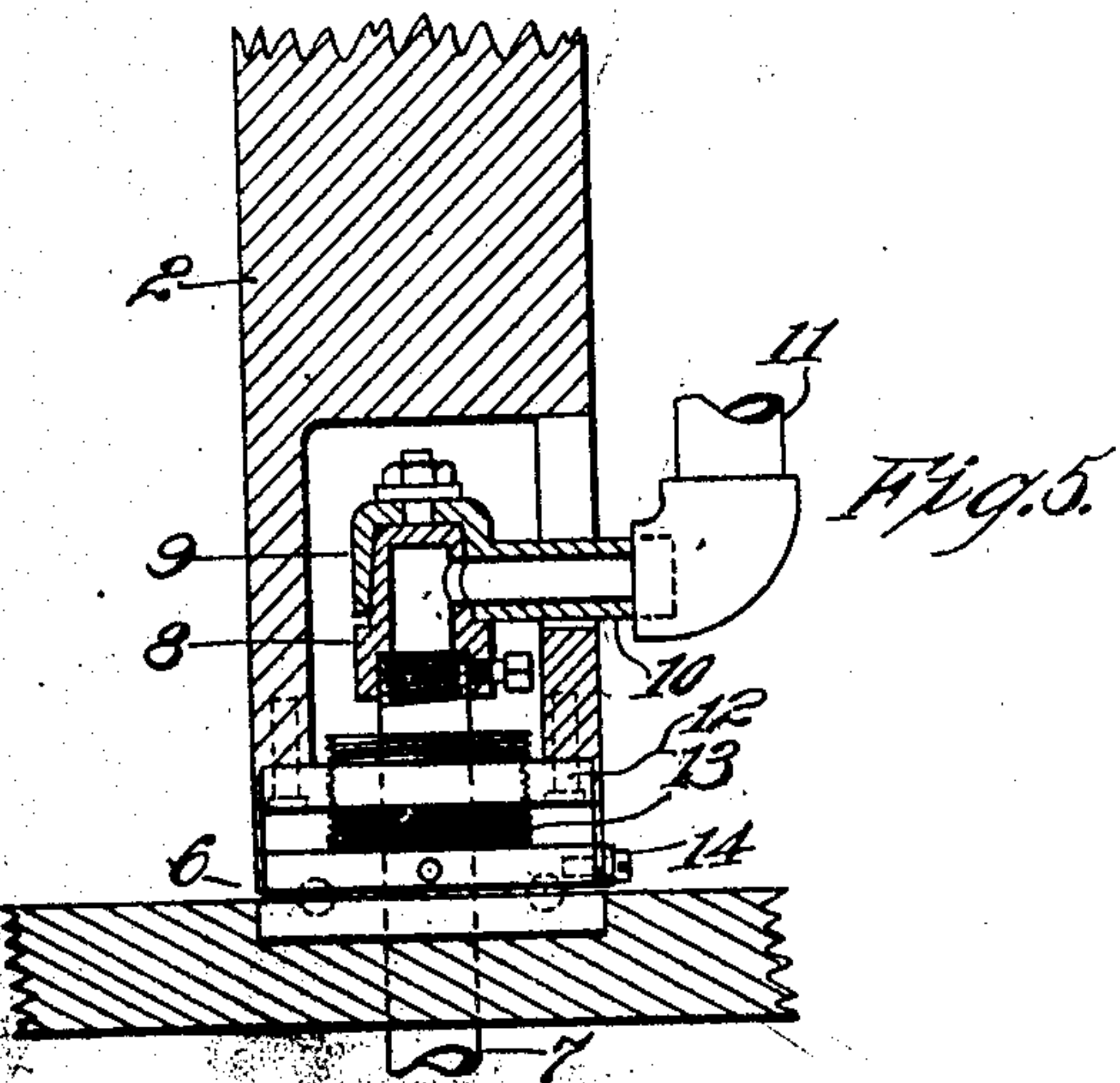


Fig. 5.

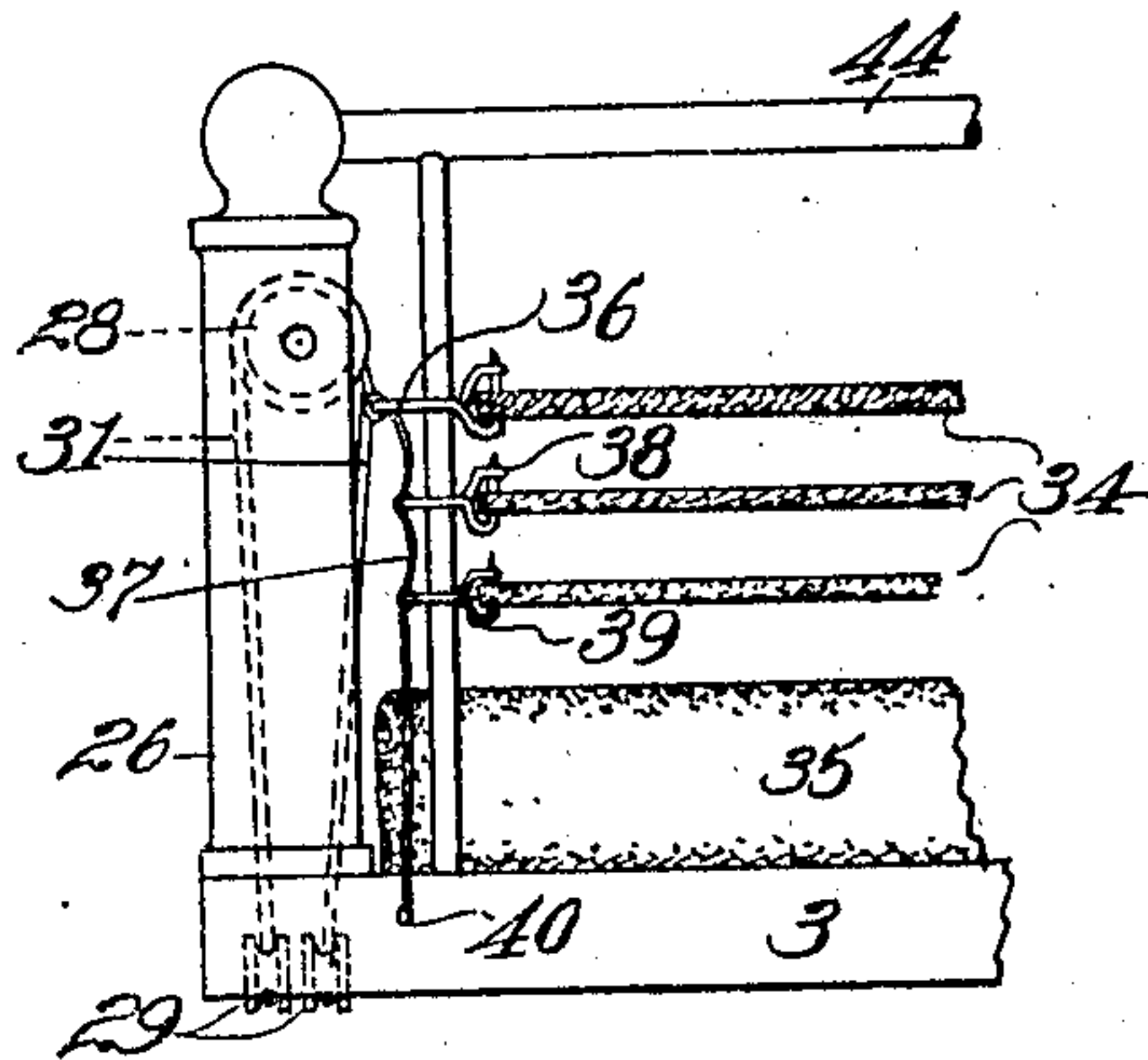


Fig. 6.

Witnesses:

*Wm. H. Maynard*  
*James*

Inventor:  
Charles R. Jordan;  
By *Geo. H. Strong*  
Att'y.



# UNITED STATES PATENT OFFICE

CHARLES R. JORDAN, OF BERKELEY, CALIFORNIA.

## APARTMENT WALL FURNITURE.

No. 892,668.

Specification of Letters Patent.

Patented July 7, 1908.

Application filed May 19, 1906. Serial No. 317,692.

*To all whom it may concern:*

Be it known that I, CHARLES R. JORDAN, citizen of United States, residing at Berkeley, in the county of Alameda and State of California, have invented new and useful Improvements in Apartment Wall Furniture, of which the following is a specification.

My invention relates to wall furniture for apartments.

10 It consists in the combination of parts, and in details of construction which will be more fully explained by reference to the accompanying drawings, in which—

15 Figure 1 is a horizontal section of a wall showing my invention. Fig. 2 is a front elevation showing one side of my device. Fig. 3 is a side elevation showing my invention with the bed extended. Fig. 4 shows a latching device. Fig. 5 shows a means for 20 adjusting the device with relation to the floor and carpet level. Fig. 6 is an enlarged view of the device for holding and extending bed clothing.

25 It is the object of my invention to provide a means in connection with apartments whereby an ornamental article of furniture, or other fixture, appears within the apartment during the day and which may be reversed to present a bed or couch to be occupied at night.

30 As shown in Fig. 1, A A is a wall having a door or like opening made through it, and 2 is a door or frame centrally pivoted at top and bottom so as to be turned around a vertical axis within this opening. This door 35 portion carries upon one side a bed structure 3 which may be folded up to stand vertically against one side of the door when not in use, and upon the other side may appear an article of furniture or ornament 4. This may 40 represent a wardrobe with a mirror, a bookcase or a mantel with a gas grate below, and a mirror above, or any other suitable or equivalent piece of furniture. By the revolution of this structure about its vertical 45 axis, the ornamental or useful piece of furniture 4 is presented toward the apartment as long as may be desired.

50 When the bed is to be used the device is released and revolved about its vertical axis, and the bed will be brought to the front, and the other portion to the rear. There is a sufficient recess or space at the rear of the wall opening to allow of this vertical turning

and the concealing of the part not in use 55 within this space.

The pivots 5 and 6 at the top and bottom, and upon which the device is turnable, may be of any suitable or desired construction to make the turning easy. Thus the pivots 60 may be plain, or any suitable ball-bearing, or other antifrictional device may be used, especially upon the lowermost pivot.

In Fig. 5 I have shown the lowermost support turnable about a tube 7 which extends 65 upwardly having a head 8 fixed upon the upper end. Over this head 8 is fitted a cap 9 making a close but turnable joint with 8. From the cap 9 a pipe 10 extends through an open slot at one side of the turnable structure 2, and connected with this by an elbow, 70 or other suitable means, is a pipe 11 which, if a gas grate be used will supply gas to the grate when needed.

The pipe 11 may have a suitable independent 75 gas cock; but the head and cap 8—9 form also a safety cock or valve, because when the door structure 2 is turned so that the bed is presented in the apartment, the pipe 10 will be turned around so far that 80 communication with the opening in the head 8 will be cut off and no gas can pass from the pipe 7.

When the device is turned so that the grate is presented toward the room, the pipe 10 85 will be in open communication through head 8 with the pipe 7, and by the usual gas cock the gas will be allowed to pass to the pipe 11 through the grate.

The turnable structure is so designed that 90 it can be raised or lowered within certain limits so that it will turn as near to the floor as required when a bare floor is used, and it may be raised within certain limits so that if 95 rugs or carpets of some thickness approach the door, it can be raised to clear them. This raising and lowering is effected as follows:

12 is a plate having a hole through it threaded on the inside and forming a sort of 100 nut. This plate is secured to the bottom of the door 2 and fits upon a threaded sleeve 13, which sleeve surrounds the pipe 7, as plainly shown in Fig. 5.

14 is a set screw which locks the plate 6 105 and the screw 13 at any desired adjustment. If it is required to raise or lower the door with relation to the floor, the screw 14 may be



loosened, and by turning the threaded sleeve 13 it will be seen that the door 2 may be raised or depressed as desired. The upper joint formed between the door and the opening is covered by a hinged, turnable protecting plate or batten 2<sup>a</sup> which conceals this opening whether it be large or small. This batten is preferably hinged and freely turnable about its hinges so as to swing up out of the way, and allow the door to turn around upon its pivots.

The door or carrying structure 2 has a projecting stop 15 which when the door is turned in one direction, contacts with the corresponding edge 16 of the opening in the wall A. The opposite edge swings freely through the opening upon the other side to allow the device to be reversed, but when in the position just described the vertical joint may be concealed by a strip 17 which is hinged as shown at 18 so as to be partially turned around and its outer face, when thus turned, forms a stop against which the part 15 is arrested when the device has been reversed. This structure is locked in either position by means of a foot lever 19 having an upturned end 20 which engages an opening in the bottom of the door 2, and which is made to normally engage such an opening by the action of a spring 21.

An upwardly projecting foot-piece 22 extends through an opening in the floor, so that by pressing the foot upon the piece 22, the point 20 will be depressed sufficiently to release the structure and allow it to be turned. The foot being released from the pressure pin or plate, the point 20 will always be in position to automatically catch and engage the door whenever it is turned to a closed position in either direction.

The bed-frame 3 may be made of angle iron or other suitable or desired material, and its end lies close to the wall 2 when the bed is in a horizontal position.

23 is a fixed bracket from the door frame 2, and its outer end carries the pivots 24 about which the bed is turnable; these pivots being intermediate of the length of the frame, and at such a distance from the wall as to allow the inner or wall end of the bed to stand in a vertical position when the bed is turned up without striking the floor.

The ornamental head-board 25 may be carried upon the inner end of the bracket and is stationary. The foot-board 26 is carried upon the outer end of the bed.

27 are foldable legs upon which the outer end of the bed is supported when extended.

In order to properly suspend the bed-clothes, to tuck or hold them with relation to the foot of the bed, when the latter is extended, and to separate them so that air may circulate when the bed is turned up, I have shown the following construction:

At the foot of the bed and journaled in the

post 26 are the pulleys 28. At the bottom of these posts are the direction pulleys 29, and at the head of the bed frame 3 are the guide and direction pulleys 30. Over these pulleys passes a flexible cord or rope 31 which operates as follows: This cord is fixed to the door frame or bracket as shown at 32. Thence it passes over and between the pulleys 30 which run together to keep it in position, and to the direction pulley 29 over which it passes, thence over the pulleys 28, returning over pulleys at 29, thence along the bed frame and over guide pulleys 30, and to a point of attachment 33, the cord being long enough to form a bight or slack portion between the pulleys 30 and the point of attachment 33.

The various portions of the bed clothing are represented at 34, and may represent a sheet, counterpane, or other articles which are located above the mattress 35. The uppermost of these articles of bed-clothing is connected by a safety-pin, clamp or other device 36 with the cord 31.

37 is a flexible cord or connection extending from the clamp 36 and connecting respectively with the clamps 38 and 39, each of which is attached to the end of one of the superposed articles of bed clothing. These cords 37 extend down and are secured to the bed frame as shown at 40 Fig. 6.

The operation of this device will be as follows: When the bed is extended the extension causes a pull upon the cord from its attachment 32 which, pulling the inner portion down, will pull the upper clips or attachments of the bed clothing 36 down with it. This brings the upper article of bed clothing into contact with the second, and the second with the third, and as the inner portion of the cord 31 is pulled still farther down, the lower ends of the bed clothing will be pulled down behind the end of the mattress 35, sliding over a protecting plate 41, which is shown in Fig. 3, and the bed clothing will thus be tucked over the foot of the bed. When the bed is turned up, the first movement will slacken the pull on the cord 31 from the point 32, and as the inner end of the bed frame moves downwardly, as shown in the dotted lines Fig. 3, the bight or slack portion contiguous to the fixed point 33 will be straightened out. This will cause a pull upon the outer portion of the cords 31, as shown in Fig. 6, the result of which will be to lift the articles of bed clothing successively, commencing at the top so that they are all clear of the mattress, and this action will continue until the cords 37 have been straightened out; the attachment at 40 limiting the distance to which the cord and the bed clothing can be moved. Thus when the bed has been turned into a vertical position all the bed clothing will be separated and exposed for airing. The bed is held in its upturned



position by means of a spring latch 43 carried upon the upper part of the turnable door structure 2, and engaging with the lower or foot roller 44 which extends between the posts 26.

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

1. A reversible wall attachment for apartments consisting of a door structure having pivots at the center of the top and bottom turnable in an opening in the wall; a fixed stop upon one edge of the door, contacting with the edge of the opening upon one side, and a foldable stop adapted to engage and cover the opposite side.
2. A wall attachment for apartments, consisting of a door or structure having central pivots at top and bottom and turnable in an opening in the wall, stops by which a joint is formed with the edges of the door when turned in either position, and a latch by which the door is locked.
3. In a wall attachment for apartments, a door or structure turnable upon centrally located vertical pivots having a bed hinged to one side and turnable about the pivots, joint-forming means formed at the edges, a latch adapted to engage and hold the door when turned, with either face outward and a depressible foot button or piece whereby the latch may be disengaged.
4. A wall attachment for apartments consisting of a door structure, centrally located vertical pivots about which it is turnable, a means for adjusting the door upward or downward in its openings, said means consisting of a perforated plate fixed to the bottom of the door, and an externally threaded sleeve turnable within the plate, and means for locking the two at any point of adjustment.
5. In a wall attachment for apartments, a door or structure having centrally located vertical pivots and turnable in an opening in the wall, means for latching the door with either face outward, means for raising or lowering the door within its opening, and a yielding concealing strip extending transversely over the upper joint of the door.
6. In a wall attachment for apartments, a door or structure having centrally located vertical pivots and turnable in an opening in the wall, means for latching the door with either face outward, means for raising or lowering the door within its opening, and a concealing strip extending transversely over the upper joint of the door, said strip being hinged and turnable to allow the door to be swung upon its pivots.
7. A wall attachment for apartments and the like, said attachment consisting of a door or structure having central pivots top and

bottom turnable in an opening in the wall, a bed carried upon one side of said structure, a gas grate and mantle upon the opposite side, means for supplying and cutting off the gas supply, said means comprising a vertical supply pipe having a head upon its upper end, a cap forming a close turnable joint with said head, an opening made through the head, a pipe carried by the cap and connecting with the grate, said pipe registering with the head and the supply pipe opening when the grate is presented in the room, and being cut off therefrom when the structure is reversed.

8. A wall attachment for apartments consisting of a door or structure having central pivots at the top and bottom and turnable in the wall opening, an article of furniture fixed to one side of the said structure, a bed hinged to the opposite side of the structure turnable to stand in a vertical or horizontal position, and a latch by which it is engaged and held in its vertical position, to be revolvable with the door about its vertical axis.

9. In a wall attachment for apartments, a door or structure having centrally located pivots at the top and bottom turnable within an opening in the wall, a bracket fixed to one side of said structure projecting therefrom, a bed frame pivoted intermediate of its ends to said bracket and turnable to stand either vertically or horizontally, and means for attaching and separating the bed clothing in unison with the movements of the bed, said means including cords passing over guide pulleys at top and bottom of the footboard, separate connections between the cords and the foot of the bed-clothing, direction pulleys at the head of the bed, fixed attachments for one end of the cords, and an attachment for the other ends to the end of the bed projecting beyond the fulcrum pivots, whereby the tilting of the bed extends or relaxes the cords.

10. A wall attachment for apartments consisting of a turnable structure, a bracket fixed to the lower part having a bed frame pivoted to the outer end of the bracket capable of being turned up or down, pulleys located in the outer end of the bed frame, a cord passing over said pulleys having attachments for its ends, connections between said cord and the bed clothing whereby the movement of upturning or extending the bed will separate or assemble the bed clothing.

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

CHARLES R. JORDAN.

Witnesses:

G. A. DANIELS,  
S. H. NOURSE.