2 Sheets-
Sheet, 1-

W. Berg.
Bedstead.

No 27,329. Patented Feb. 28. 1860.

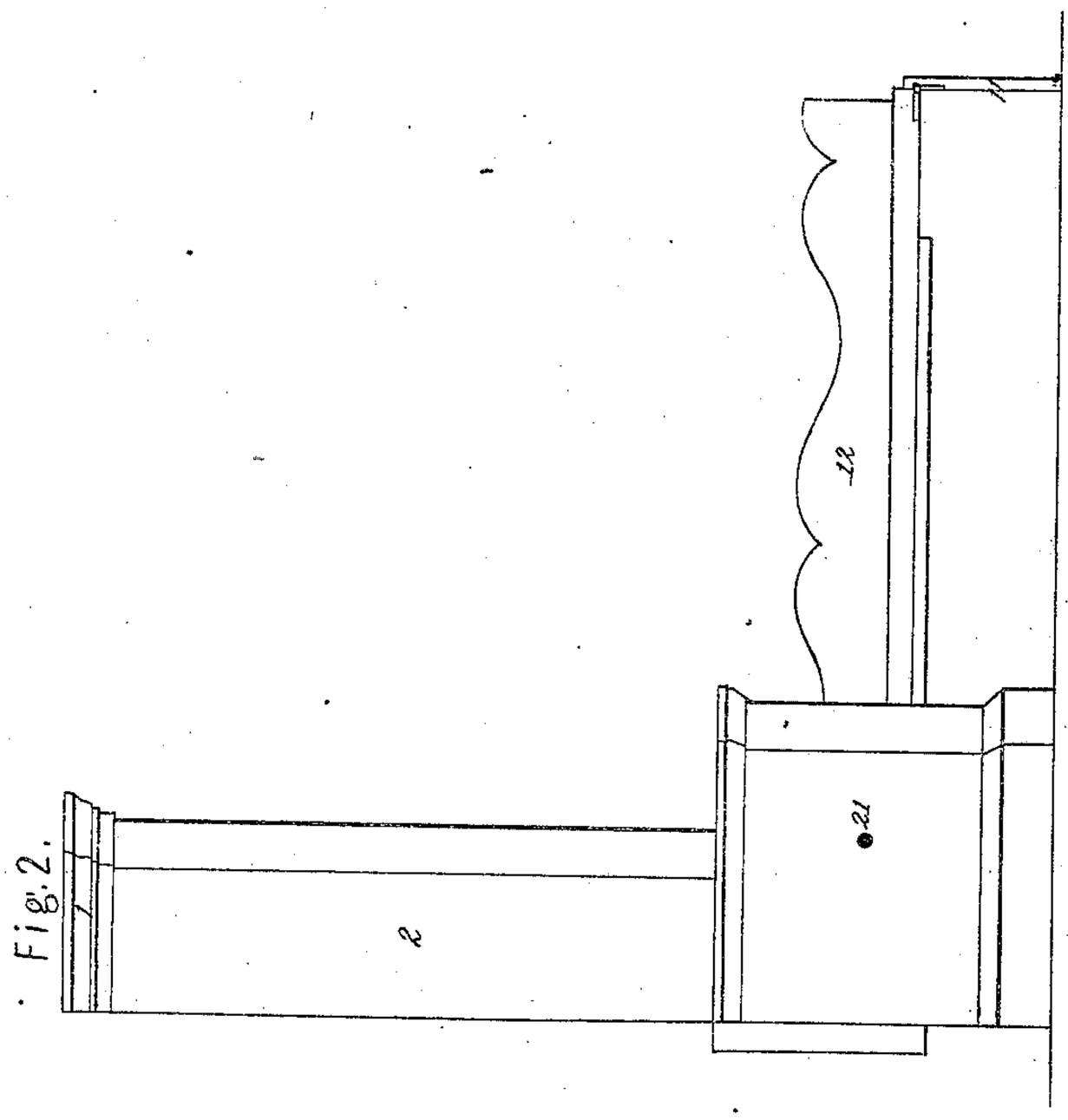

Fig. 2.

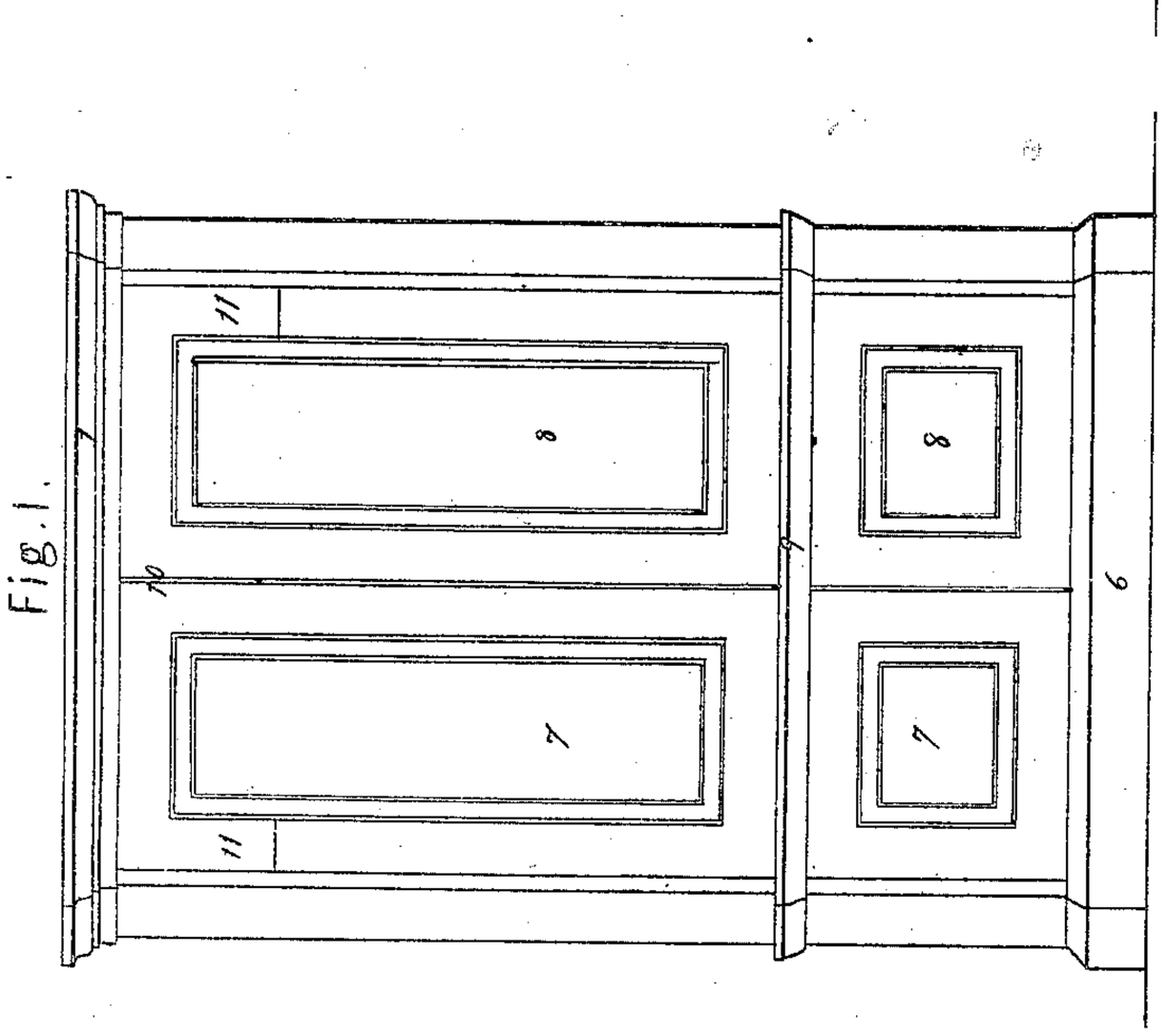

Fig. 1.

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Wellcom Berg.

2 Sheets.
Sheet. 2.

W. Berg.
Bedstead.

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Fig. 4.

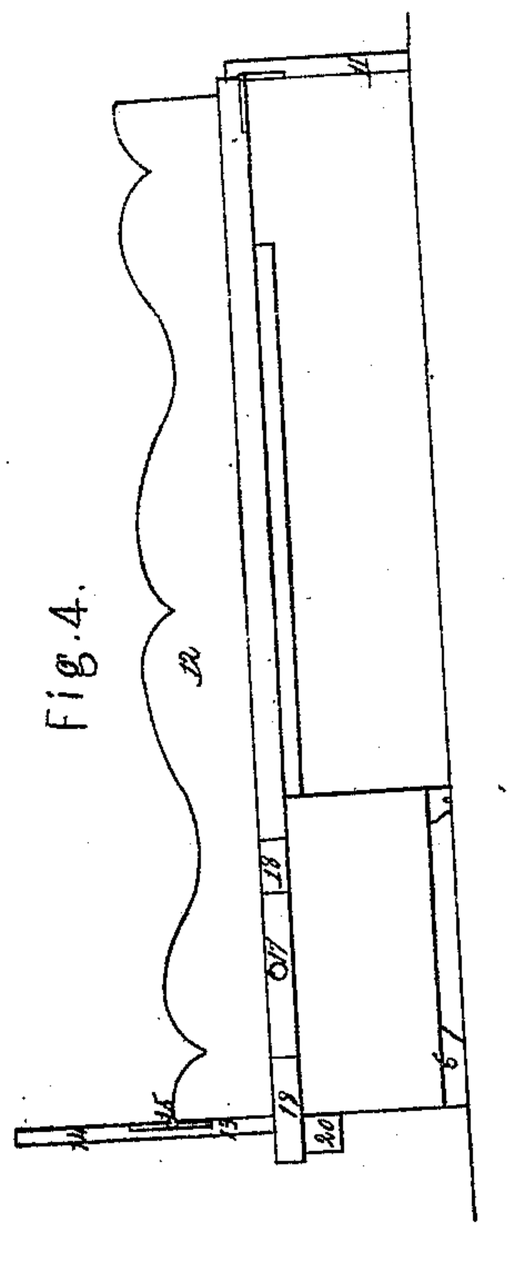
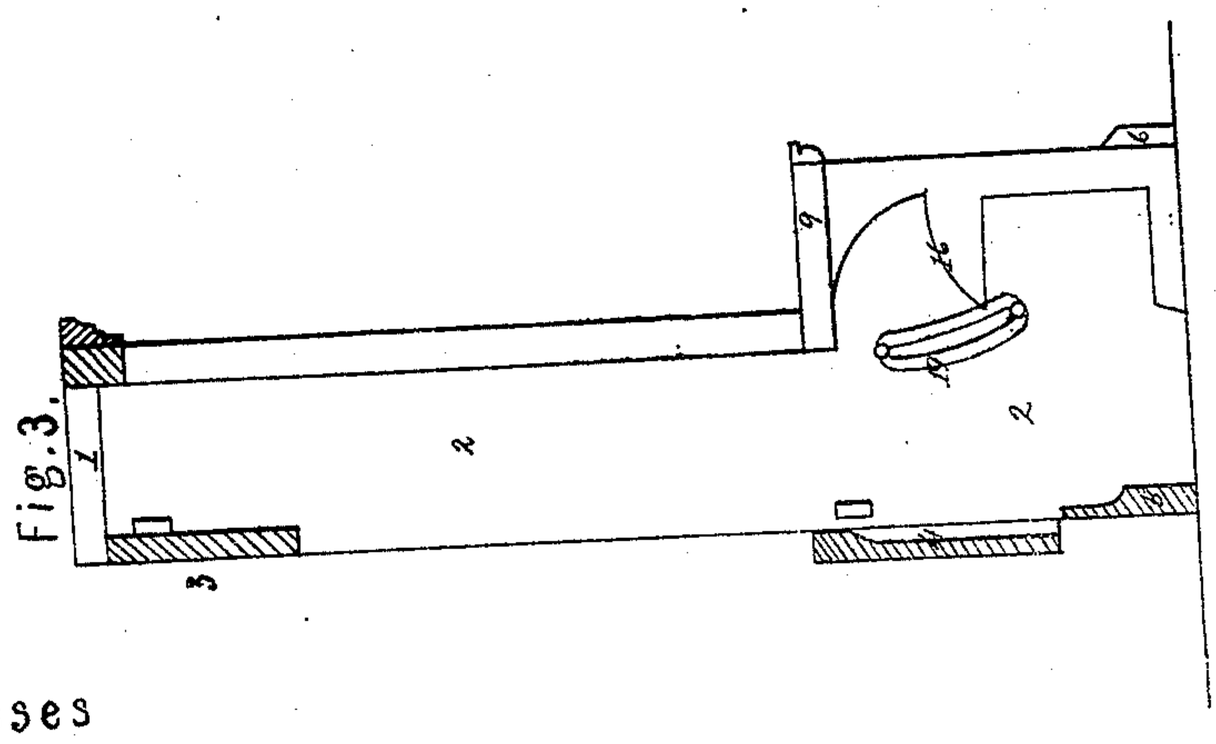


Fig. 3.



Witnesses

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Inventor:

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UNITED STATES PATENT OFFICE.

WILLIAM BERG, OF NEW YORK, N. Y., ASSIGNOR TO NESTOR HOUGHTON, OF SAME PLACE.

IMPROVED WARDROBE BEDSTEAD.

Specification forming part of Letters Patent No. **27,329**, dated February 28, 1860.

To all whom it may concern:

Be it known that I, WILLIAM BERG, of New York, in the county of New York and State of New York, have invented an Improvement in Wardrobe or Secretary Bedsteads, the construction and operation of which I have described in the following specification and illustrated in its accompanying drawings with sufficient clearness to enable competent and skillful workmen in the arts to which it pertains or is most nearly allied to make and use my invention.

My said invention consists in the arrangement, as hereinafter described, of parts constructed as herein specified, by which I am enabled, in a simple manner, to properly balance the entire bed and the bedstead upon which it is supported, so that the whole may be brought down into the sleeping position or folded up so as to form the appearance of a wardrobe or secretary without in either case requiring any considerable outlay of strength in operating or necessary cost of construction, as hereinafter more fully set forth.

My invention is represented in the accompanying drawings as follows:

Figure 1 is a front elevation of my bedstead, folded or turned up in the position it would usually occupy in the day-time to represent a secretary or wardrobe. Fig. 2 is a side elevation of it, the right-hand portion of the figure representing the bedstead portion proper of it as it would appear when folded down into the sleeping position for use. Fig. 3 is a sectional elevation of the case, representing it as being cut through from front to back, and showing the curved slot in which one of the guide-pins which keep the folding portion in position works, and one of the cams upon which this portion turns, and by the form of which, when taken in the present arrangement, in combination with the guide-pins and slots in which they work, the bed and bedstead are balanced while being turned up or down from one position to the other. Fig. 4 is a side elevation of the bedstead portion without the case as it would appear when placed in the horizontal or sleeping position.

1 is the cap, and 2 2 the side or cheek pieces of the case, the form of which is fully and correctly shown in the drawings. These last are connected at the back by the cross-bars or cross-pieces 3, 4, and 5, and in front by the bar 6 at the bottom. The panel-work and cross-table 7, 8, and 9 form, with the cross-bar 10 and the legs 11, the front of the folding portion of this piece of furniture. The bar 10 is hinged at its upper edge to the board back of it, so that as the bed is folded down into the sleeping position these legs may fall out from the case to form supports, as shown in Fig. 4, and in the right-hand portion of Fig. 2.

12 is one of the side pieces or rails of the bedstead, between which pieces the bed is placed.

13 and 14 are the parts of the head-board, the part 14 being hinged to the other at 15, as shown, so that as the bed is raised up into the day position it may fold upon the pillow, keep it in position, and protect it from injury. A larger amount of room is given to it by hollowing out the back bars or cross pieces 4 and 5, as shown in Fig. 3.

The bed and folding portion are supported while folding chiefly upon the cams 16, subject, however, to the restriction exercised by the pins 17, working in the slots represented in the plates 19, which plates are attached to each side of the case or rather to each of the side pieces 2 2, the projecting side bearings 18 resting upon the cams 16 for that purpose. As the bed comes up to nearly the day position, the bearing or support is, however, changed by the position of the parts, and the bed is supported by the pins 17, which then rest in the bottom of the slots in the plates 19. As the top or foot of the bed is again folded outward in the commencement of the operation of bringing it down into the sleeping position, the weight is again thrown upon the cams 16, as before, the bearing upon it being controlled by the pins 18 working in the plates 19. By this arrangement the bed is provided with proper supports, which are ready to receive its weights when it is folded up sufficiently far that the cams 16 can no longer from the nature of the case give it the requisite support, while at the same time the necessary variation in the position of the fulcrum upon which it vibrates is secured, and the weight of the vibrating parts is nearly evenly balanced upon the fulcrum during the

whole operation of folding up or letting down the bed. For the purpose of bringing the center of gravity farther back toward the head of the bed I attach a piece of cast-iron 20 or other weight to the head of the bed, as shown in Fig. 4. For the purpose of facilitating the removal of the bed and the frame in which it is placed from the case, and their replacement again in proper position, I secure the bearing-pins 17 in such a manner that they may be easily removed by means of a screw-driver passing through the hole 21 in Fig. 2.

Having thus fully described my said invention, I claim—

The arrangement of the cams 16, supporting ledges or side bearings 18, pins or axes 17, slotted guides, and bearing-boxes 19, arranged in connection with each other and with the bed-frame and case, as described, the whole being constructed substantially as and for the purpose set forth.

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Witnesses:

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THOS. P. HOW.