

L. HOLMES.

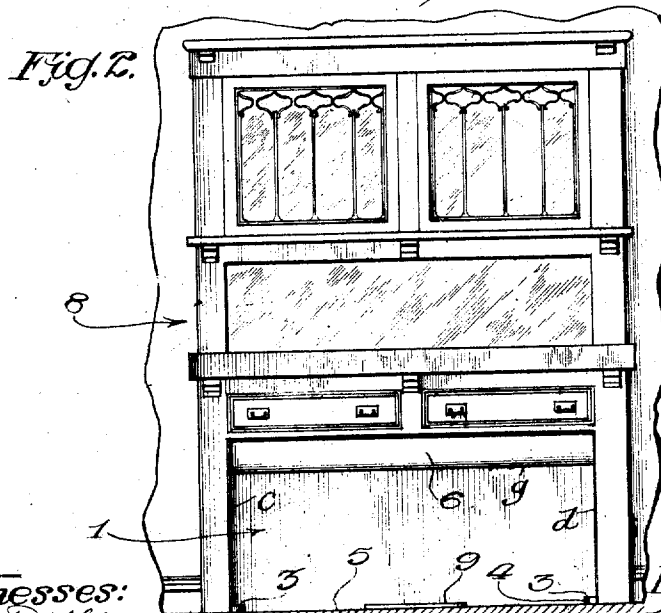
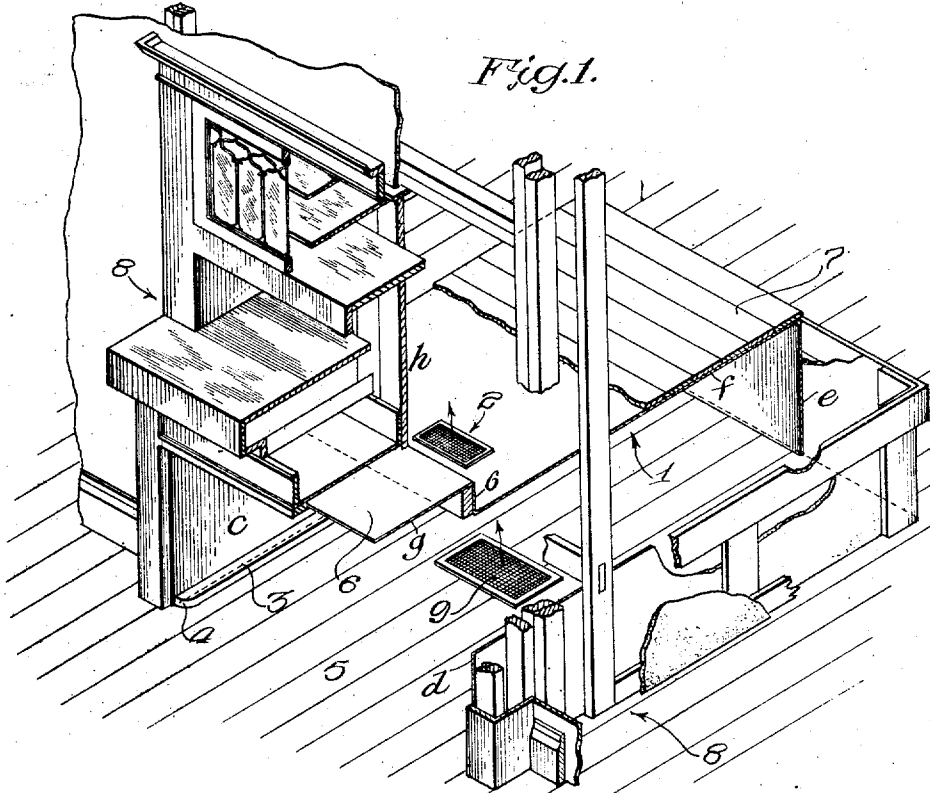
CASE FOR DISAPPEARING BEDS.

APPLICATION FILED FEB. 5, 1908. RENEWED DEC. 28, 1909.

986,633.

Patented Mar. 14, 1911.

3 SHEETS—SHEET 1.



Witnesses:

C. J. Williams
W. B. B. Townsend

Inventor,
Lawrence Holmes.

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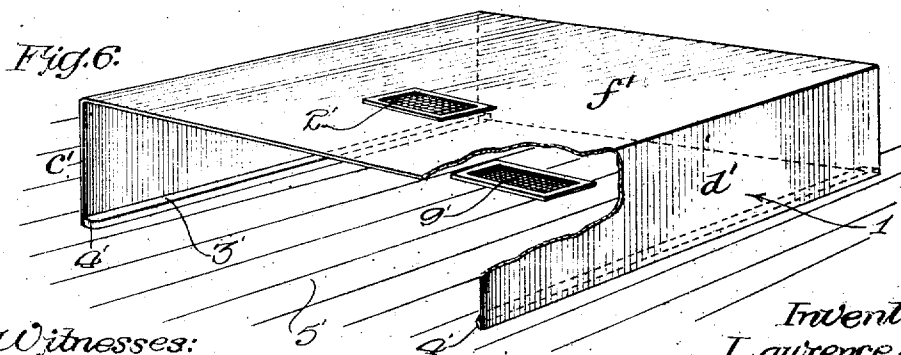
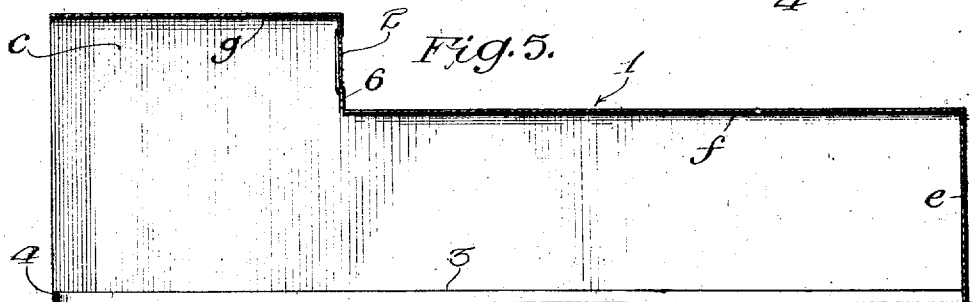
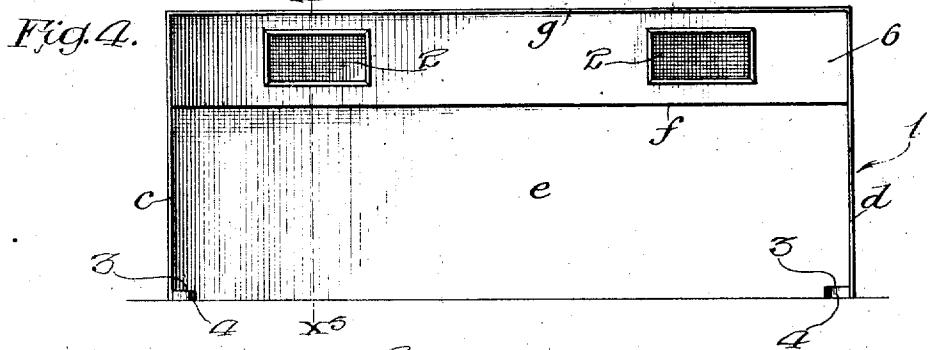
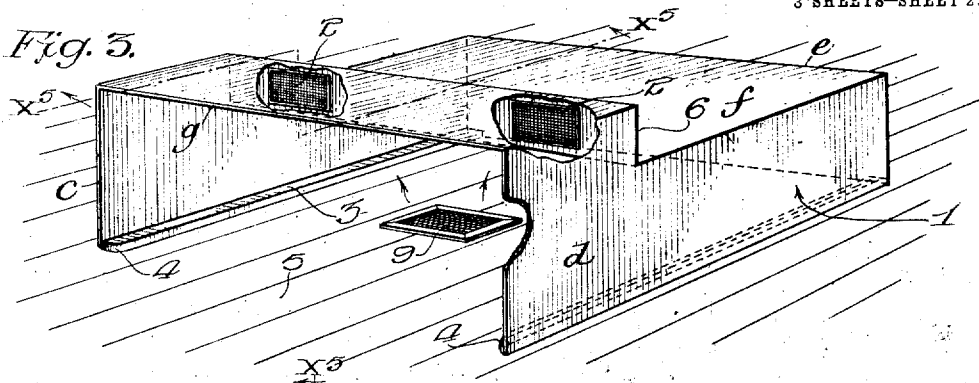
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3 SHEETS—SHEET 2.



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3 SHEETS—SHEET 3.

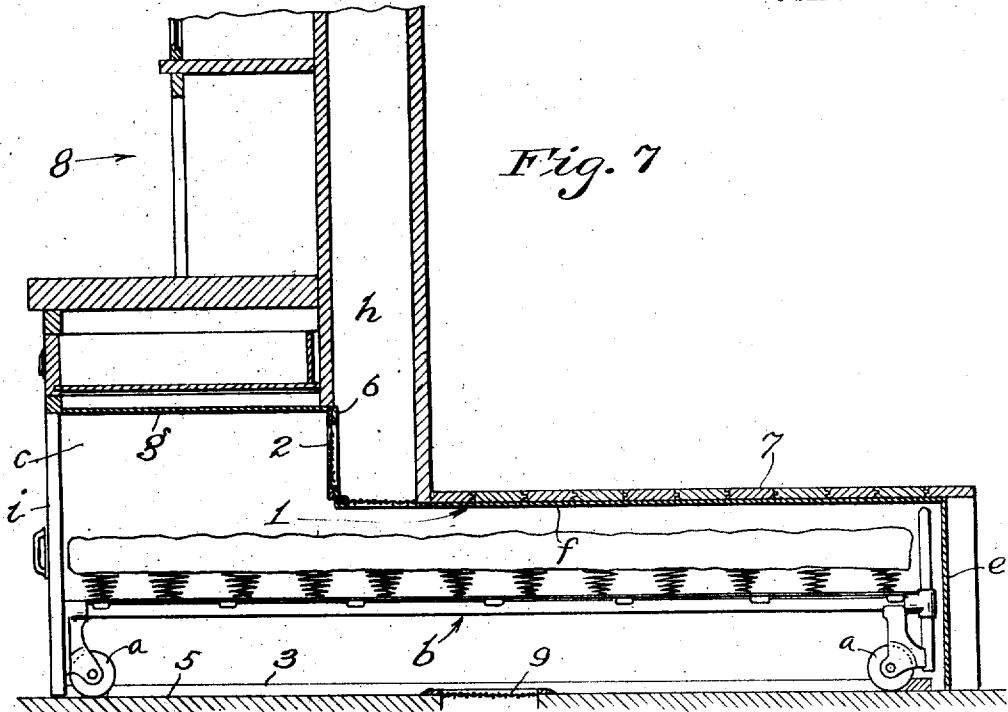
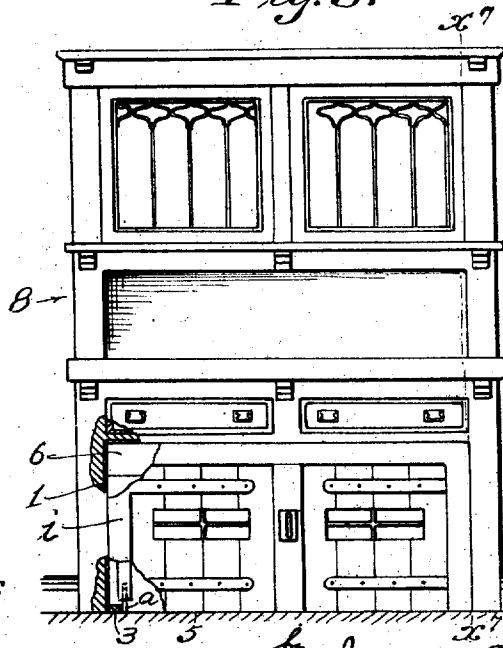


Fig. 8.



Witnesses
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UNITED STATES PATENT OFFICE.

LAWRENCE HOLMES, OF LOS ANGELES, CALIFORNIA.

CASE FOR DISAPPEARING BEDS.

986,633.

Specification of Letters Patent.

Patented Mar. 14, 1911.

Application filed February 5, 1908, Serial No. 414,457. Renewed December 28, 1909. Serial No. 535,359.

To all whom it may concern:

Be it known that I, LAWRENCE HOLMES, a citizen of the United States, residing at Los Angeles, in the county of Los Angeles and State of California, have invented a new and useful Case for Disappearing Beds, of which the following is a specification.

This invention relates to means for installing in buildings that class of beds invented by me and known as Holmes' disappearing beds, in which the bed in a horizontal condition is stored in a cavity behind the face of a wall of the apartment to which the bed pertains, and underneath the floor of a compartment behind the face of such wall.

The object of this invention is to provide a ventilated fixture which may be manufactured independently of the bed and of the building in which the bed is to be installed, and may be sold with said bed, or for the purpose of installation thereof, and which will insure satisfactory conditions relating to the bed after the same is installed.

An object of this invention is to provide means which will insure to the purchaser a construction of a recess for a disappearing bed which will invariably be of correct dimensions, and which will facilitate the daily operation of storing the bed after use. Experience in installing the said disappearing beds has proven the great difficulty in getting workmen to properly construct the recess in conjunction with the construction of the building, it being almost universally the case that the workmen will make the recess of untrue dimensions and out of square, so that after the same has been completed it is found that the bed cannot be made to work therein properly, being loose and liable to strike one or the other side of the recess in the operation of inserting the bed therein.

Another object is to insure smoothness on the inside of such recess so that the bed-clothing cannot catch and thereby be held in the recess, or be torn, and to avoid the dropping of plaster.

Another objection to be overcome in the former method of constructing the said disappearing bed is the very considerable expense of building said former recess in the building.

An object of this invention is to avoid all the difficulties and objections hereinbefore enumerated, and to provide for the disappearing bed a neat, cheap, sanitary recepta-

cle of perfect dimensions to receive the disappearing bed.

Another object is to make provision whereby absolute security from dampness and moisture is attained, so that the bed may be safely installed beneath sinks, basins, and bath-rooms and other places where moisture is liable to come upon the floor above the recess.

The accompanying drawings illustrate the invention.

Figure 1 is a fragmental perspective view of a disappearing-bed case constructed in accordance with this invention and installed in a building, the disappearing bedstead being omitted. Fig. 2 is a front view of the case shown in Fig. 3. Fig. 5 is longitudinal mid-section on line x^5-x^5 , Figs. 3 and 4, looking to the left. Fig. 6 is a perspective view of another form of case embodying the invention. Fig. 7 is a vertical longitudinal section through the case and through the adjacent parts of the building and showing the disappearing bedstead in place in the case, the view being taken substantially on the line x^7 , Fig. 8. Fig. 8 is a front elevation of the parts as seen looking in the direction indicated by the arrow 8, Fig. 7, the view being analogous to Fig. 2 with the disappearing bed in place.

The case 1 is a hollow body open at the bottom and one end, and provided in its top portion with one or more vents 2, and also provided on the inside of its walls with bedstead-guides 3 beveled or rounded at their front ends 4, and terminating at the mouth of the recess formed by the case. These bedstead-guides are for the purpose of receiving the wheels or rollers a upon which the disappearing bedstead b is mounted, and to direct the same along the recess to prevent the bed from rubbing on the inside of the case. It is not necessary that the bedstead guides 3 be fixed to the case in the course of manufacturing the same at the factory, but the same may be applied to the floor 5 and fastened thereto instead of being fastened directly to the walls of the case.

The case 1 comprises side pieces c and d , the end-piece e connecting the rear vertical edges of the side pieces, the rear lower top pieces f connecting the upper edges of the

rear portions of the side pieces *c* and *d* and the upper edge of the rear end piece *e*, the upper forward top *g* connecting the upper edges of the forward portions of the side pieces *c* and *d*, the drop piece *6* connecting the rear edge of the top *g* with the forward edge of the top *f*, and ventilators 2 in the top *f* and drop *6* and leading to the ventilator-shaft *h*. In the construction shown in Fig. 6 the drop *6* is omitted and the entire top is level, but in the preferred form the forward part of the case is higher than the rear part so as to accommodate the pillows and headboard.

The case is constructed throughout preferably of sheet-metal and is adapted to rest upon the floor and is open at its forward end, said opening being large enough to receive the bedstead *b*, and said opening being adapted to be closed by the headboard *i*.

A ventilator may be placed in the floor so that ventilation,—either hot or cold air,—may pass through the ventilator 9 into the case and then from the case through the ventilators 2 to the shaft *h*.

The front open end of the case may be provided with an upward extension 6 for use where the facing of the wall into which the case is inserted is constructed as a buffet, writing-desk, or dresser. This upper extension serves to accommodate the pillows at the head of the bed when the same is inserted into the case, and to do this without requiring any considerable depth below the floor 7 of the compartment below which the bed is to be inserted.

In practice, the case may be made of various materials, as wood, sheet metal, composition board, or other sheet material, within the judgment of the constructor. This will be done at a factory where forms and skilled workmen may be employed so that each completed case will be a practical duplicate of all the others of the same style and size. Then the completed case will be transported to the building where it is to be used, and will be placed upon the floor, either with the bedstead-guides as shown in the drawing, or with the bedstead-guides nailed upon the floor; so that when thus placed the case will be in appropriate position to be beneath whatever superstructure is to be built around and above it, thus enabling the workmen to proceed with the construction of the building without any liability of disarranging the case into which the bed is to be placed. After the case has thus been placed in position, the same affords a form over which the mechanic can lay a floor 7 directly, without joists if it is so desired, thus greatly economizing space. Furthermore, the building of the structure 8 which is to be above the case, whether it be a sink, basin, china-closet, or other device, is greatly facilitated, and the cost of

installing the case and the accompanying construction is reduced greatly over that heretofore required. This is especially true in introductory construction where the workmen are not familiar with the requisites of construction pertaining to said disappearing beds.

In Fig. 6 the parts corresponding in function to parts shown in the other views, are marked with corresponding reference characters with the addition of an indice.

Thus I have produced a new article of manufacture comprising an imperforate portable metallic case open at its bottom and adapted to rest upon the floor, and having bed-guides along its sides upon the floor; said case being also open at its front and of a size and shape to receive and contain a disappearing bed of the Holmes type; that is, a bed standing, remaining and running on four legs upon the floor of the house, and having ventilators or not, as desired.

The case 1 may be constructed to receive a full length bedstead, as shown in the drawings, or it may be constructed to receive a condensed bed such as is shown, described and claimed in my companion application, condensed disappearing bed, filed Feb. 5, 1908, Serial No. 414,458.

I claim:—

1. A new article of manufacture comprising a metallic case entirely open on the bottom and adapted to rest on the floor of the house and adapted to receive and guide a bedstead having four legs upon the floor of the house; said metallic case being also open at its front, and said metallic case being of a size and shape to receive and contain a disappearing bed of the Holmes type; that is, a bed running and remaining upon four legs upon the floor of the house.

2. A new article of manufacture comprising a metallic case open at its bottom and adapted to rest on the floor of the house and having bed-guides along its sides upon the floor of the house, said metallic case being also open at its front and of a size and shape to receive and contain a disappearing bed standing, remaining and running upon four legs upon the floor of the house.

3. A new article of manufacture comprising a metallic case entirely open at its bottom and adapted to rest on the floor of the house, said metallic case being also open at its front and of a size and shape to receive and contain a bed standing, remaining and running upon four legs upon the floor of the house.

4. A new article of manufacture comprising a metallic case open at its bottom and adapted to rest on the floor of the house, said case being also open at its front and of a size and shape to receive and contain a bed standing, remaining and running upon four legs upon the floor of the house, and said

case being provided in its upper wall with a ventilator.

5 5. The new article of manufacture substantially set forth consisting of a case comprising two sides, a rear end connecting the rear edge of the two sides, and a top connecting the upper edges of said two sides and rear end; said case being of a size and shape to receive and contain a bedstead in
10 horizontal position and to allow said bedstead to be run into and out of the case upon the floor of a house.

6. The combination with a case open at its bottom and resting upon the floor of the
15 house and open at its front and of a size and shape to receive and contain a bedstead standing, remaining and running upon four legs upon the floor of the house, of a bedstead adapted to enter said case, and a
20 headboard upon the bedstead adapted to close the front end of the case.

7. A case adapted to fit a recess and form a receptacle for a disappearing bed, said

case comprising two sides, a rear end connecting the rear edges of the two sides, and
25 a top connecting the upper edges of the two sides and the rear end and providing an opening at the front end to receive the bedstead.

8. A case adapted to fit a recess and form
30 a horizontal receptacle for a disappearing bed, said case comprising two sides, a rear end connecting the rear edges of the two sides, and a top connecting the upper edges of the two sides and the rear end and pro-
35 viding an opening at the front end to receive the bedstead, and bedstead-guides in position to guide the bedstead away from the inner faces of the two sides.

In testimony whereof, I have hereunto
40 set my hand at Los Angeles, California, this 28th day of January 1908.

LAWRENCE HOLMES.

In presence of—

JAMES R. TOWNSEND,
M. BEULAH TOWNSEND.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."
