N. C. HUCKESTEIN.

SLIDING DOOR POCKET.

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1,267,415.

Patented May 28, 1918.

Fig.1.

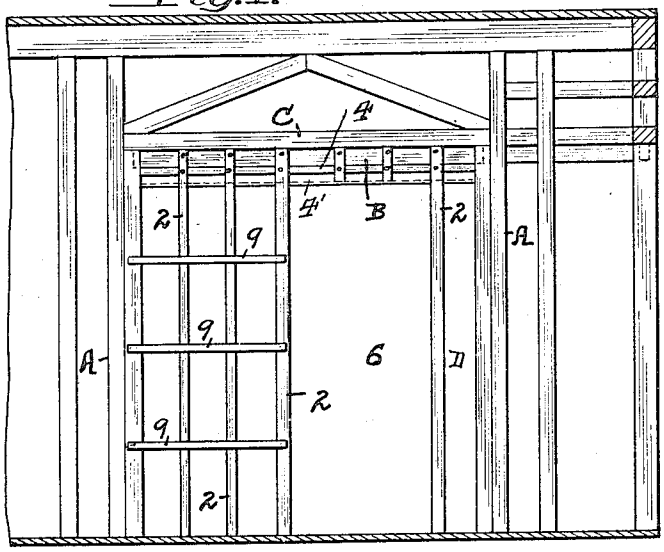


Fig.2.

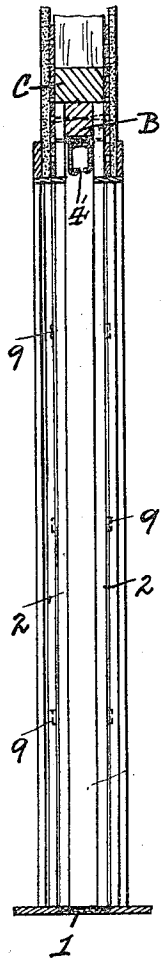


Fig.6.

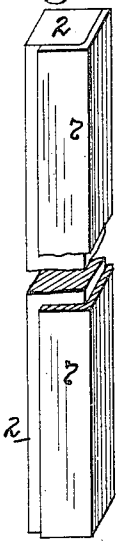


Fig.3.

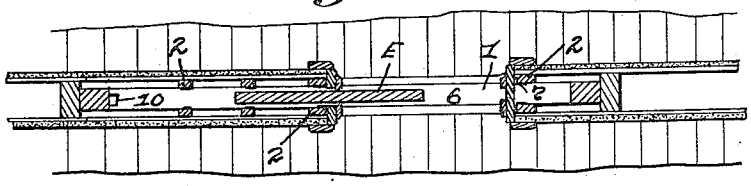


Fig.4.

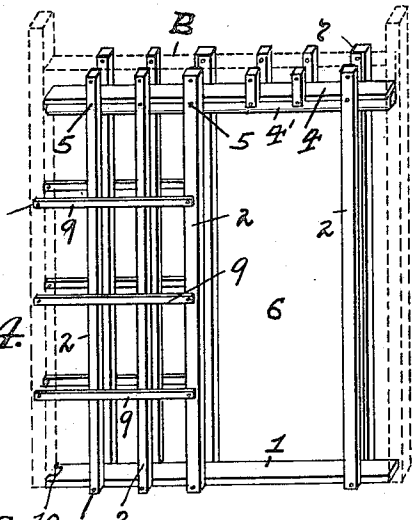
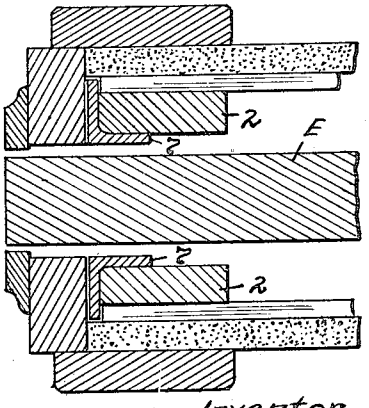


Fig.5.



Witnesses

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SLIDING-DOOR POCKET.

1,267,415. Specification of Letters Patent. Patented May 28, 1918.

Application filed November 30, 1917. Serial No. 204,489.

To all whom it may concern:

Be it known that I, NORMAN C. HUCKESTEIN, a citizen of the United States, and resident of Pittsburgh, in the county of Allegheny and State of Pennsylvania, have invented a new and useful Improvement in Sliding-Door Pockets; and I do hereby declare the following to be a full, clear, and exact description thereof.

This invention relates to sliding door pockets, and more particularly to sliding door pockets as articles of manufacture, and which may be manufactured at a central point complete, including a track, and shipped in knock-down or folded condition.

One of the objects of my invention is to produce a sliding door pocket that may be used in the ordinary four or five inch wall, without necessitating double studding, as is now the practice, and to produce such a pocket that will embody the required stiffness to support the walls.

A further object of my invention is to produce a pocket that may be readily set in position with a minimum amount of labor, and a pocket that will be so constructed that it may be folded upon itself to facilitate shipping and packing.

Other objects, such as simplicity and durability and the general improvement of the art, will be more fully brought out in the following specification and illustrated in the accompanying drawings, in which:

Figure 1 is a side elevation of my improved sliding door pocket showing the same in position with some parts in section;

Fig. 2 is a central vertical section of the same;

Fig. 3 is an enlarged horizontal section of the same;

Fig. 4 is a perspective view of the pocket ready for use;

Fig. 5 is an enlarged horizontal detail section showing a portion of the pocket; and

Fig. 6 is a detail view of one of the uprights.

Like symbols herein indicate like parts in each of the figures of the drawing.

When it is desired to use one of my improved pockets, a partition wall of a room is framed up, as shown in Fig. 1.

Double side members or uprights A are placed at the sides of the opening and notched or mitered, as may be desired, at their upper ends to receive a frame header B. A second support or header C is secured across the opening upon the frame header B and rests upon the upper ends of the side uprights A.

My improved door pocket is adapted to be set within the opening thus formed in a partition by framing, and comprises a base member 1, a plurality of spaced upright wall supports 2 pivotally secured to the side edges of the base member 1 and header 4 by single bolts or other securing means 3 and 5.

The upright wall supports 2 are so spaced as to form a door opening 6 of any desired width, and the supports 2 at each side of said opening are of greater width than the other supports. The upright wall supports 2 have their inner face and one side edge reinforced by angle iron members 7, thus leaving their outer faces free for the reception of lath or other securing means for the plaster. Iron supporting members 7 on the upright wall supports 2 at each side of the door opening 6 are slightly heavier than the angle iron members used on the other supports 2.

The base member 1 and the top or header 4 extend an appreciable distance beyond the upright wall supports 2 at the one end so as to provide a false pocket D which is necessary to allow removal of the sliding door or adjustment at any time.

The false pocket D is similar to the false pocket in the usual sliding door construction. Such pocket is adapted to be normally closed by suitable finish portions so that the door cannot enter such pocket. However, if the hangers of the door need adjustment or it is desired to remove the door for any reason, such finish portions are removed so that the door may enter such pocket. The forward hanger may readily be reached for adjustment by suitable tools without the door entering the false pocket, as will be readily understood by those skilled in the art, but the rear hanger is not accessible for adjustment or removal due to it being on the end of the door which is always within the main or real pocket. In order to adjust or remove the rear hanger it is necessary to remove the finish portions from the false pocket and allow the door to enter such pocket so as to bring the rear hanger into position where it may be reached with suitable tools.

The header member is adapted to carry

a suitable track 4′ of well known construction, upon which the door E is adapted to be hung. Suitable transverse metallic braces 9, of equal thickness and size to a lath, are secured across the upright members 2 to further strengthen the same, and although I have shown three of such braces at each side of the door pocket, it will be understood that any number of the same may be used according to the size of the pocket constructed.

After a well has been suitably framed up, as stated in the foregoing part of the specication, my improved pocket is adapted to be set in place and secured by spiking to the frame header member B, and the braces 9 are adapted to be secured or spiked to one of the uprights. After the pocket has been secured in place, it may be lathed and plastered in the same manner as is now done when the wall pocket is made by the double studding method.

A suitable recess 10 is made in the base member 1 adjacent the rear end and adapted to allow the escape of any object, such as particles of plaster, etc., which may become loosened and fall within the pocket. Such objects would be pushed to the rear of the pocket by the door and may cause such door to jam or stick if no escape were provided. It will be noted that I have shown and described but a single bolt, screw or other securing means 3 and 5 in the top and bottom respectively of the members 2. It is preferable that the pivotal securing means be as shown and described, such as the bolts 3, as they allow the whole device to be pushed down in a folded position for packing and shipping.

While I have shown and described but one preferred form of my invention, it will be readily apparent that various changes in design and construction may be made without departing from the spirit of my invention as defined in the appended claims. I, therefore, do not wish to be limited to the design shown.

Having thus described my invention, what I claim is:

1. A sliding door pocket comprising a base, a header adapted to support door hanging mechanism, upright wall supports pivotally secured to said header and base and spaced to form a door opening, door pocket and false pocket, said uprights being reinforced by metallic angle members which extend along the rear and one side face of each of said uprights.

2. A sliding door pocket comprising a base, a header adapted to support door hanging mechanism, upright wall supports pivotally secured to said header and base, said upright wall supports having reinforcing metallic angle members secured to their rear and one side face, and transverse reinforcing strips spaced at intervals across said upright supports, substantially as described.

3. A sliding door pocket comprising a base, a header adapted to support door hanging mechanism, upright wall supports pivotally secured to said header and base and extending an appreciable distance above said header, reinforcing angle members secured to the rear and one side face of each of said uprights, and transverse reinforcing strips pivotally secured on said upright supports.

4. A sliding door pocket comprising a base, a header adapted to support door hanging mechanism, upright wall supports pivotally secured to said header and base and extending an appreciable distance above said header, said upright supports being spaced to form a door opening, door pocket and false pocket, and transverse reinforcing strips spaced at intervals across said upright supports, substantially as described.

5. A sliding door pocket comprising a base, a header adapted to support door hanging mechanism, upright wall supports pivotally secured to said header and base and extending an appreciable distance above said header, reinforcing metallic angles secured to and extending along the entire rear face and one of the side faces of each of said upright wall supports, said upright wall supports being spaced to form a door opening, and transverse metallic reinforcing strips pivotally secured at spaced intervals on said upright supports, substantially as described.

6. In combination with a building wall having a suitably framed opening therein, a sliding door pocket comprising a base, a header adapted to support door hanging mechanism, upright wall supports pivotally secured to said header and base and extending an appreciable distance above said header to permit securing of said pocket to the upper portion of said frame, said upright wall supports being spaced to form a door opening, metallic angle reinforcing members extending along the entire surface of the rear face and one side face of said upright wall supports, and transverse metallic reinforcing strips pivotally secured at spaced intervals across said uprights and extending past the farthermost of said uprights to permit of securing to the side portion of said frame, substantially as described.

In testimony whereof, I the said NORMAN C. HUCKESTEIN, have hereunto set my hand.

NORMAN C. HUCKESTEIN.

Witnesses:

J. M. GEOGHEGAN,

J. N. COOKE.

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