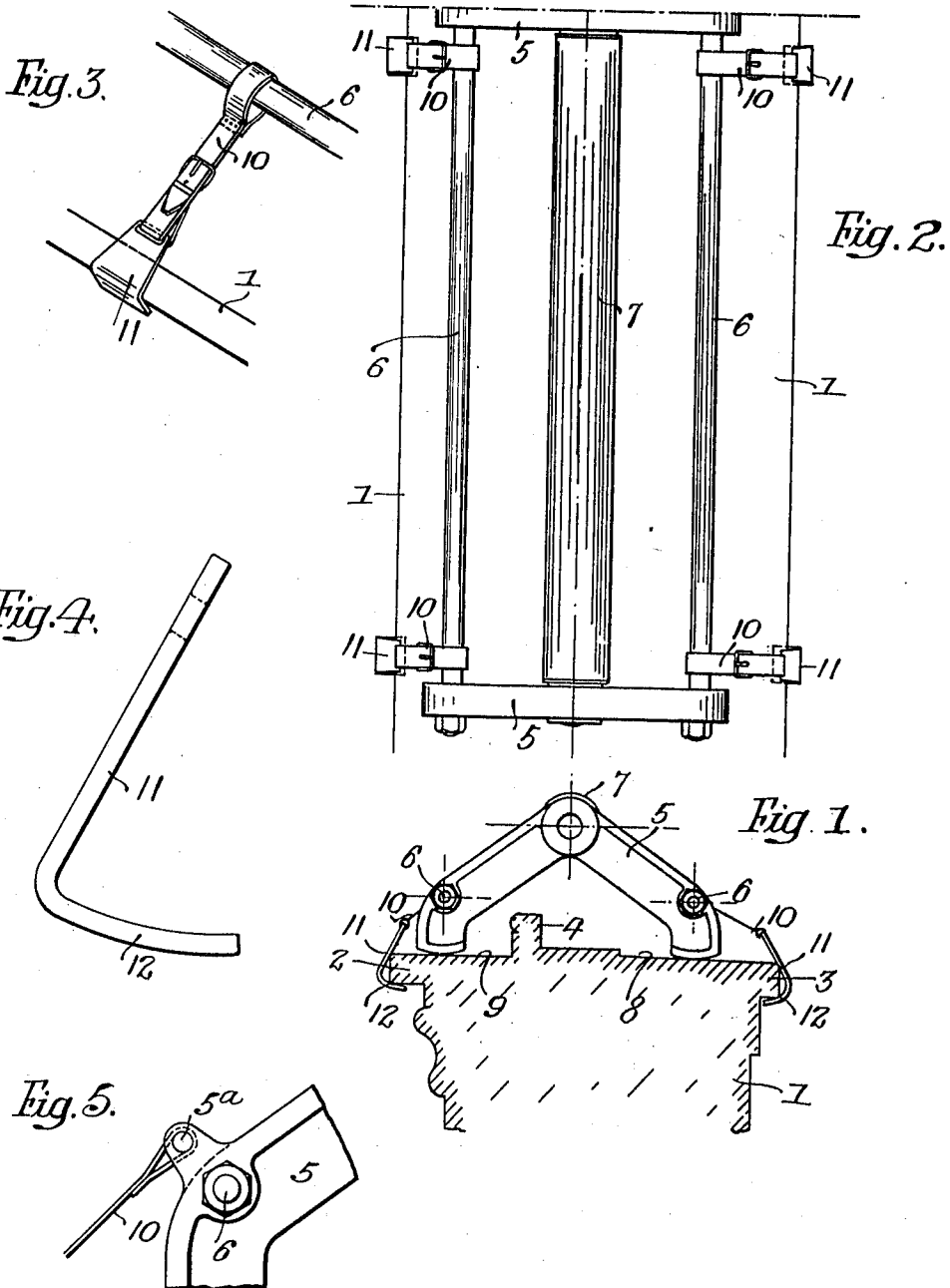


M. J. FITZPATRICK.
 ROLLER FRAME.
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1,003,727.

Patented Sept. 19, 1911.



WITNESSES:

Wills H. Burrows
Walter Chism

INVENTOR.

MATTHEW J. FITZPATRICK.

BY

Houson & Houson
 ATTORNEYS.

UNITED STATES PATENT OFFICE.

MATTHEW J. FITZPATRICK, OF PHILADELPHIA, PENNSYLVANIA.

ROLLER-FRAME.

1,003,727.

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To all whom it may concern:

Be it known that I, MATTHEW J. FITZPATRICK, a citizen of the United States, residing in Philadelphia, Pennsylvania, have invented certain Improvements in Roller-Frames, of which the following is a specification.

One object of my invention is to provide a roller supporting structure particularly adapted for application to the window sills of houses of the ordinary construction to facilitate the removal therethrough of caskets or coffins, as well as various pieces of furniture or the like; it being further desired that the roller frame constructed according to my invention shall be capable of automatically accommodating itself to window sills of different forms and constructions, and shall be equipped with means for rigidly holding it in position under conditions of use.

Another object of my invention is to provide a roller frame with holding means which may be conveniently adjusted to retain it in place on window sills of various forms.

These objects and other advantageous ends I secure as hereinafter set forth, reference being had to the accompanying drawings, in which;—

Figure 1, is a vertical section of a window sill illustrating my invention as applied thereto; Fig. 2, is a plan of the roller frame shown in Fig. 1; Fig. 3, is a perspective view of one of the holding hooks and its associated parts; Fig. 4, is a side elevation of one of the hooks on an enlarged scale, and Fig. 5, is a fragmentary elevation illustrating one way of attaching the holding strap.

In the above drawings 1 represents a window sill with its associated parts, there usually being overhung portions at each of its longitudinal edges, and an upwardly extending beading or molding 4, against which the window sash abuts when in its closed position.

As is well known, on account of the dimensions and arrangement of many small houses, it is frequently necessary for an undertaker to remove a casket through the window of a front first floor room, and my invention is particularly designed to make it possible for such removal to be performed quickly, conveniently, and without noise.

With this idea in view I provide a frame

consisting of two similar end members 5, each formed of two parts set at an obtuse angle to each other and rigidly held together by rods 6 extending between their lower or end portions so as to form with them an open rectangular figure. Extending between and journaled in the upper portions of these members and parallel with the rods or bars 6, is a roller 7, of such dimensions that it projects above the highest portions of the said members, which, when in position, naturally extend over the molding or beading 4 of the window sill. In order that the angular end members of the frame may accommodate themselves to properly rest upon window sills whose outer portions 8 are at a level or inclination different from that of the inner portion 9, I form the engaging ends of said members to serve as rockers, giving them the convex form illustrated in Fig. 1.

In order that the frame may be removably held on the window sill to which it is applied, it has a holding device at each of its corners consisting of a strap 10 permanently fastened around a rod 6, or as shown in Fig. 5, attached to a hasp-like structure 5^a which is preferably, though not necessarily formed integral with the end member 5. Each strap has mounted on it a hook 11 made of flat material of the general shape shown in Figs. 3 and 4, and formed with its engaging portion 12 preferably curved, so as to properly engage and hold to the parts 2 and 3 of the window sill structure. The length of the strap is made adjustable, as shown in Fig. 3, so as to permit of the quick application of the frame to window sills of widely varying dimensions.

Under conditions of use one set of hooks 11 on one side of the frame is engaged with the overhanging part 3 of the window sill and thereafter the other set of hooks may be successively engaged with the other overhung portion 2, the straps being adjusted so that the frame as a whole is rigidly held in position on the sill. Even though the two portions 8 and 9 of the sill be at different levels, or in planes other than parallel, the convex or rocker shaped lower ends of the members 5 permit the latter to accommodate themselves to such conditions without rendering the frame unsteady or causing injury to the surfaces on which it is supported.

It is, of course, obvious, that a frame constructed according to my invention may be used in other positions than on a window sill, and that the angle of the two parts of the end members may be altered without departing from my invention.

I claim:—

1. The combination of a supporting frame, and a roller mounted thereon; the lower parts of said frame whereby it is supported being formed to serve as rockers.

2. The combination of a frame including a plurality of members each having portions formed to engage a supporting structure; and a roller mounted in said frame; said engaging portions of the frame being of a convexly curved form to serve as rockers.

3. The combination of a frame having end members consisting of two parts at an angle to each other; the lower ends of the said parts being convex to serve as rockers; with a roller mounted on said frame.

4. The combination of a supporting frame; a roller mounted thereon; and hooks flexibly connected to said frame for removably holding it to a supporting structure.

5. The combination of a frame; a roller mounted thereon; a plurality of straps con-

nected to the frame; and a hook for each strap.

6. The combination of a frame having end and longitudinally extending members rigidly connected together; a roller mounted on the frame; and a plurality of straps adj- justably connected to the frame adjacent its ends; with hooks on said straps.

7. The combination of a frame consisting of two end members and longitudinally extending bars rigidly connected to said end members; a roller mounted on the frame; a plurality of straps connected to said end members; with hooks of flat material for said straps.

8. The combination of a frame consisting of two end members and longitudinally extending bars rigidly connected to said end members; a roller mounted on the frame; a plurality of straps connected to said end members; with sill engaging devices con- nected to the straps.

In testimony whereof, I have signed my name to this specification, in the presence of two subscribing witnesses.

MATTHEW J. FITZPATRICK.

Witnesses:

WILLIAM E. BRADLEY,

WM. A. BARR.

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