R. M. Van Sickler,

Roller Frame for Elevator Platform.

No. 69,868. Patented Oct. 15, 1867.

Fig. 1

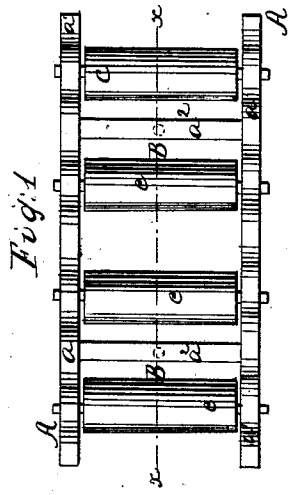


Fig. 2

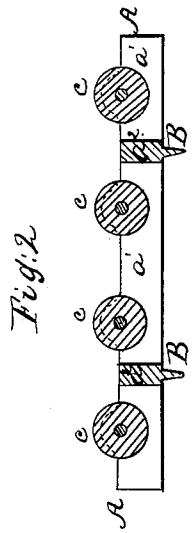
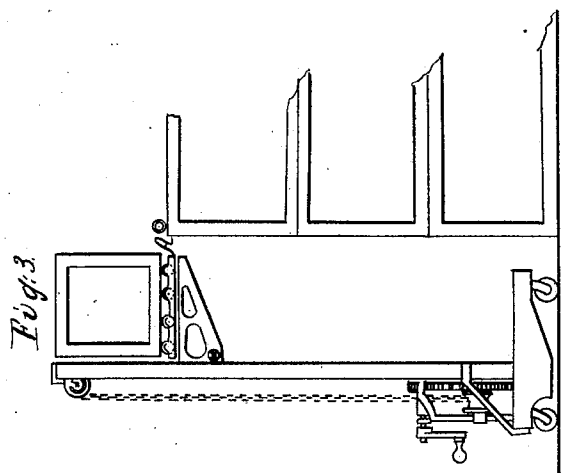


Fig. 3



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R. M. VAN SICKLER, OF NEW YORK, N. Y.

Letters Patent No. 69,868, *dated October* 15, 1867.

ADJUSTABLE ROLLER-FRAME FOR ELEVATOR-PLATFORMS.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, R. M. VAN SICKLER, of the city, county, and State of New York, have invented a new and useful Improvement in Adjustable Roller-Frames for Elevator-Platforms; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a top view of one of my improved roller-frames.

Figure 2 is a vertical longitudinal section of the same, taken through the line $x\,x$, fig. 1.

Figure 3 is a view illustrating the use of my improved frames.

Similar letters of reference indicate corresponding parts.

My invention has for its object to furnish an improved attachment to my improved elevator, patented February 12, 1867, so as to make it more convenient and efficient in use, and which may at the same time be used with other elevator-platforms with equal facility and advantage; and it consists in the combination of the frame-rollers and pins or projections with each other, as hereinafter more fully described.

A is the frame, consisting of two side bars a^1, connected by two or more cross-bars a^2. I prefer to make the frame A of iron, cast solid in one piece; but the material of which it is made is immaterial. B are pins or projections upon the under side of the frame A, which enter holes formed in the platform of the elevator for their reception. Two or more frames A should be used upon the platform, according to its size, and several sets of holes for the pins or prongs B should be formed, so that the frames A may be arranged as may be most convenient, according as it may be desired to take the packages off at the sides or end of the platform. C are rollers, the journals of which revolve in the side bars a^1 of the frame A. By means of this device the packages may be placed upon or removed from the platform, either in tiering or lowering said packages without lifting or turning them. In handling the packages either upon the tiers or upon the floor, loose rollers or similar roller-frames may be used, as may be most convenient.

I claim as new, and desire to secure by Letters Patent—

The sides $a\,a$, bearing the rollers C, when such sides are connected together by means of the cross-bars a^2, having the downward projections B, for receiving the frame upon the platform of the elevator to prevent slipping and longitudinal movement, as herein shown and described.

The above specification of my invention signed by me this 30th day of July, 1867.

R. M. VAN SICKLER.

Witnesses:

JAMES T. GRAHAM,

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