(No Model.)

M. FOREMAN.

APPARATUS FOR DELIVERING ASHES FROM CELLARS.

No. 396,923. Patented Jan. 29, 1889.

FIG. 1.

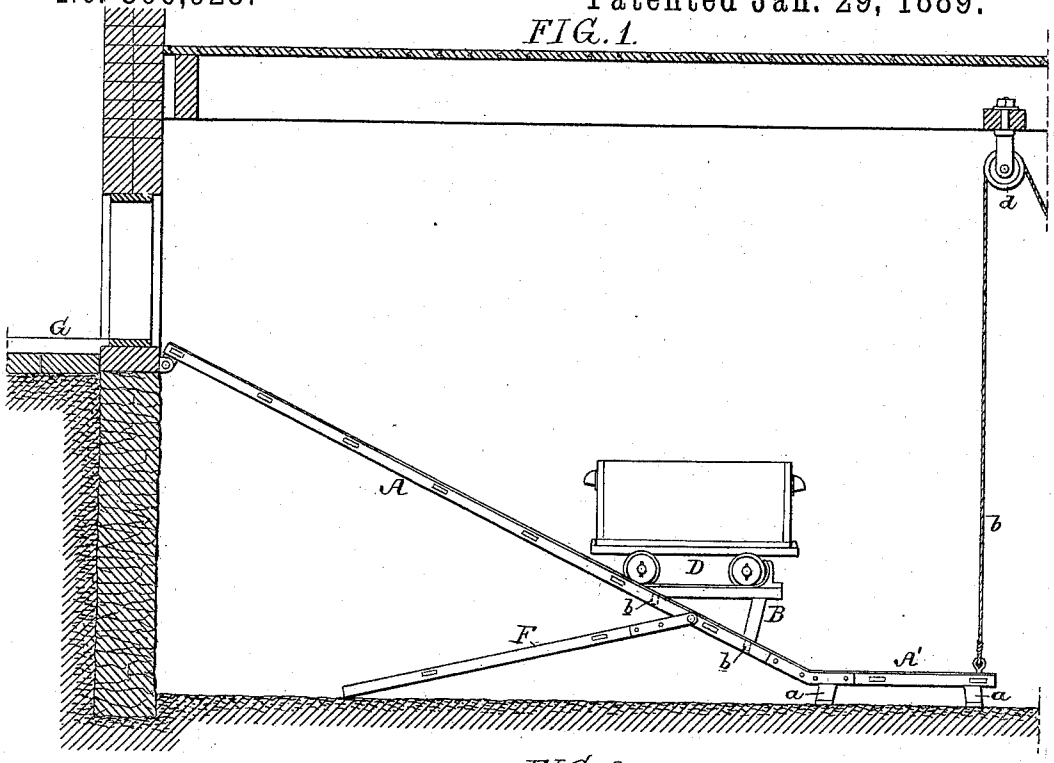
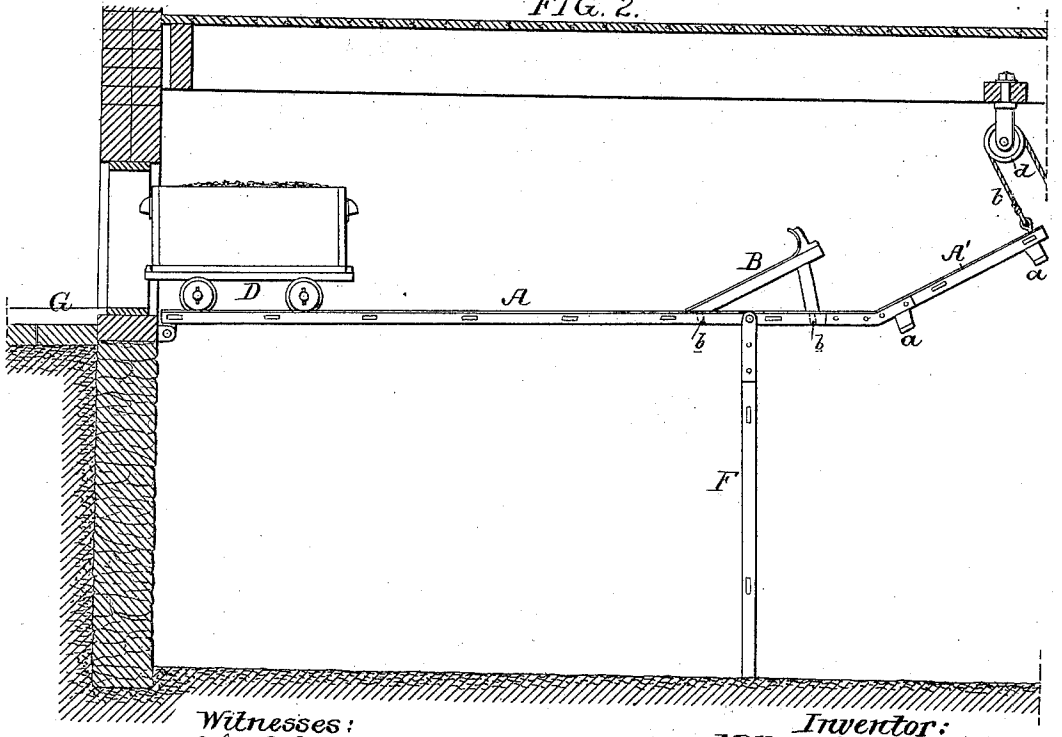


FIG. 2.



Witnesses:
John T. Lewis
Jno E. Parker

Inventor:
Milton Foreman
by his Attorneys Howson & Howson

N. PETERS, Photo-Lithographer, Washington, D. C.

UNITED STATES PATENT OFFICE.

MILTON FOREMAN, OF PHILADELPHIA, PENNSYLVANIA.

APPARATUS FOR DELIVERING ASHES FROM CELLARS.

SPECIFICATION forming part of Letters Patent No. 396,923, dated January 29, 1889.

Application filed November 30, 1887. Serial No. 256,517. (No model.)

To all whom it may concern:

Be it known that I, MILTON FOREMAN, a citizen of the United States, and a resident of Philadelphia, Pennsylvania, have invented an Improved Device for Delivering Ashes, &c., from Cellars, of which the following is a specification.

The object of my invention is to effect the ready removal of boxes of ashes or other heavy receptacles from cellars or basements; and this object I attain in the manner hereinafter described, reference being had to the accompanying drawings, in which—

Figure 1 is a view representing a longitudinal section of part of the cellar or basement of a building with my improved box-delivering mechanism, and Fig. 2 is a similar view showing the parts in a different position.

In city dwellings having the heating apparatus in the cellar or basement the removal of ashes is a matter which causes considerable trouble and inconvenience, for if the ashes are allowed to accumulate during the winter the cellar is rendered extremely untidy, and expense is incurred for the removal of the ashes in the spring, while if, on the other hand, the ashes are removed every few days the labor of removal is severe, as the boxes of ashes have to be carried up at least one flight of stairs or lifted bodily from the floor of the cellar to the window above the sidewalk.

With the view of overcoming this difficulty I hang to the inner side of the window-frame, or to some convenient point adjacent thereto, the upper ends of a pair of skids, A, the lower ends of which terminate in portions A′, inclined in respect to the portions A, so that when the skids are down the portions A′ occupy a horizontal position close to the floor of the cellar or basement, resting either directly upon the floor or upon short legs or feet *a*, as shown in the drawings. To each of the skids A, some distance above the floor, is secured an angular frame, B, which, when the parts are in the position shown in Fig. 1, forms a horizontal support above the horizontal portions A′ of the skids, said frame being secured by suitable clips, bolts, or dowel-pins, so that they can be removed when desired, dowel-pins *b* being shown by dotted lines in the drawings as a means of fastening each frame B to its skid A. The skids are connected together by suitable cross-bars, so as to form, practically, one structure, and the ends of the horizontal portions A′ of the structure are connected to a hoisting rope, chain, or equivalent device, *b′*, passing around a pulley, *d*, hung to one of the floor-joists of the room above the cellar. Mounted upon the skids is a wheeled truck, D, carrying the box which is to be removed from the cellar; or, if desired, the box itself may be provided with wheels, so as to form a truck.

When the frame B is used, the truck is supported thereupon, and the box is placed upon the truck prior to being filled, the object of using said frame being to permit the support of the box some distance above the floor of the cellar—a plan which is preferred in some cases. When, however, it is desired to support the box close to the floor while filling it, the frame B may be removed, the truck then resting upon the horizontal portions A′ of the skids. When the box has been filled, the inner ends of the skids are raised by means of the hoisting rope and pulley until the parts assume the position shown in Fig. 2, whereupon the truck will travel forward and will be delivered through the window-opening onto the pavement; or, if desired, the upper ends of the skids may be provided with suitable stops for preventing the immediate delivery of the truck and the loaded box thereon, the latter being subsequently drawn out onto the pavement through the window-opening.

If desired, supplementary skids G may be laid upon the pavement to direct the box and facilitate the movement of the same across the pavement, these skids being hooked to the window-frame or otherwise held against accidental displacement.

In order to prevent the descent of the inner ends of the skids in case the hoisting-rope is accidentally released after the said inner ends have been elevated, I provide each of the skids with a hinged leg, F, which drops into position to support said skids when the latter are fully elevated.

I claim as my invention—

1. The combination of a wheeled delivery-truck, a pair of skids pivoted adjacent to the

window-opening of a cellar and having horizontal portions providing a support for said truck when the skids are down, and a flexible hoisting device attached at the inner ends of the skids, all substantially as specified.

2. The combination of a pair of skids pivoted adjacent to the window-opening of a cellar and having their inner ends at such an angle that they lie horizontally when the skids are down, angular frames detachably secured to the skids above the inner ends of the same, and a hoisting device attached to the inner ends of the skids, all substantially as specified.

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

MILTON FOREMAN.

Witnesses:
WILLIAM D. CONNER,
HARRY SMITH.