

(No Model.)

L. ANIDJAH.
FIRE ESCAPE.

No. 489,915.

Patented Jan. 17, 1893.

Fig. 3.

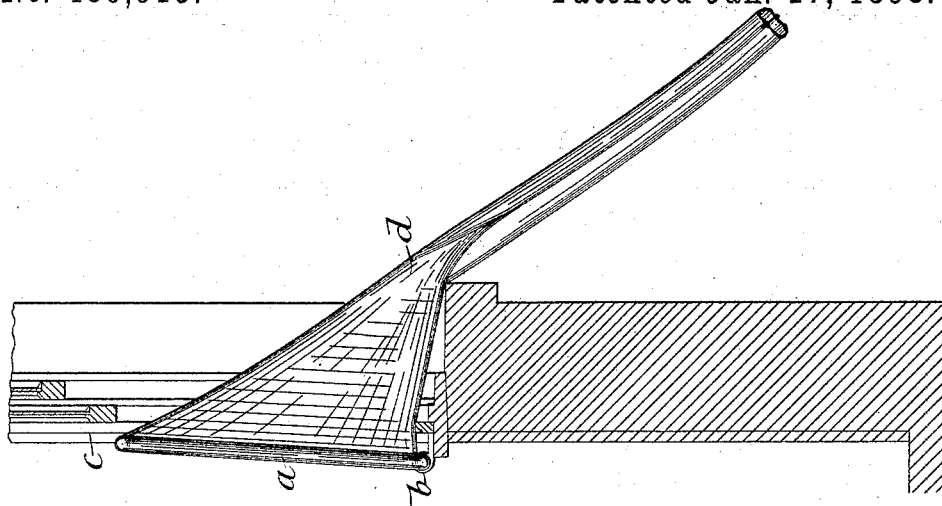


Fig. 2.

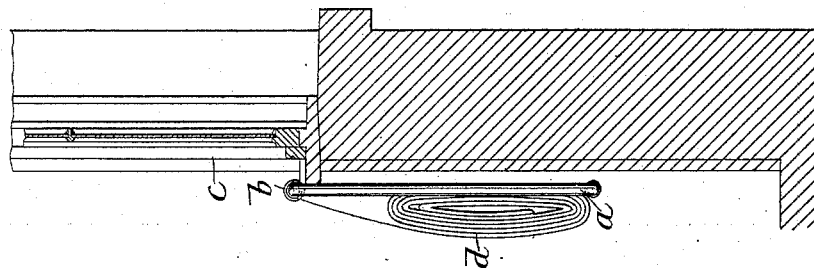
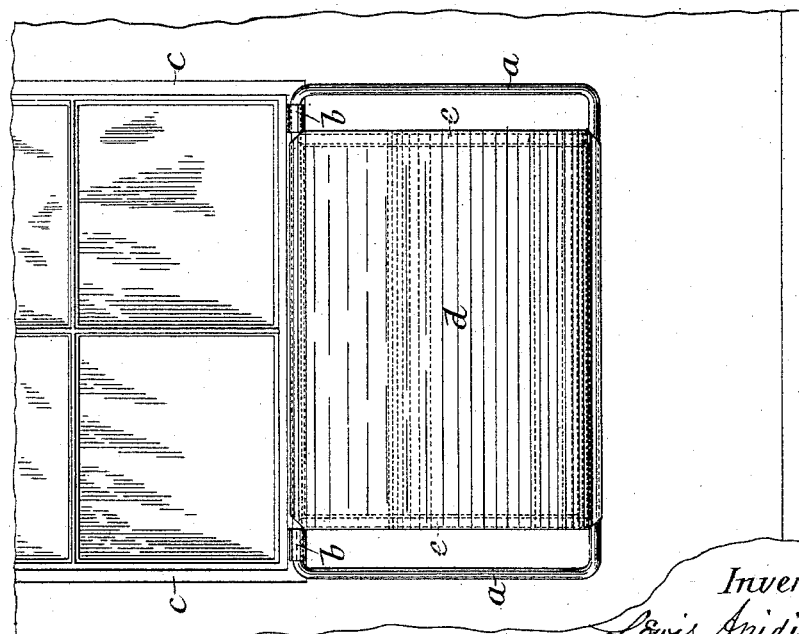


Fig. 1.



Witnesses

Clarence Kesler
G. M. Cooperhaver.

Inventor.

Louis Anidjah
By his Attorneys
John J. Halsted & Son

UNITED STATES PATENT OFFICE.

LEWIS ANIDJAH, OF LONDON, ENGLAND, ASSIGNOR TO THE ANIDJAH FIRE
ESCAPE COMPANY, LIMITED, OF SAME PLACE.

FIRE-ESCAPE.

SPECIFICATION forming part of Letters Patent No. 489,915, dated January 17, 1893.

Application filed May 5, 1892. Serial No. 431,933. (No model.) Patented in England November 13, 1890, No. 13,283.

To all whom it may concern:

Be it known that I, LEWIS ANIDJAH, a subject of the Queen of Great Britain, residing at London, England, have invented certain new and useful Improvements in Fire-Escapes, (patented in Great Britain November 13, 1890, No. 13,283,) of which the following is a specification.

My invention relates to fire-escapes of the kind described in the specification of former Letters Patent granted to me No. 418,879, January 7 1890 in which is employed a canvas chute having its mouth arranged to completely cover the opening of the window in connection with which the fire-escape is to be used.

The object of this invention is to provide means whereby, when the escape is thrown from the window, the opening will be covered without the necessity for using hooks and rings as described in the said specification, and to this end it consists in the employment of a metal frame to which the mouth of the fire-escape is permanently attached; the said metal frame being hinged to the window-sill or other suitable part of the window-frame and made of such a size that, when the frame is turned up, it will not pass through the window opening.

To enable my invention to be fully understood, I will describe the same by reference to the accompanying drawings, in which:—

Figure 1 is a front elevation of my fire-escape attached to my metal frame and in the position which it occupies when not in use; and Fig. 2 is a sectional side view of the same. Fig. 3 is a view similar to Fig. 2, but showing the apparatus in position for use.

a indicates my frame which is hinged to the window-sill at *b, b* and which is of such a width that, when thrown up, it will bear against the sides *c, c* of the frame, and of such a height that it will cover the opening of the window.

d is the canvas chute which is attached to

the top and bottom bars of the frame *a* and to two auxiliary bars *e, e* extending across the frame. The hinges at *b, b*, it will be seen, are metal plates, secured to the lower bar of the frame between the ends of such frame and the cross bars *e, e*. The canvas is thus protected against being cut out by the friction of the face of the hinges rubbing thereon; and as the canvas is permanently secured to these bars as also to the frame the receiving mouth of the chute is always open ready for use. When out of use, as shown in Fig. 2, the folded chute and its frame hang down, pendent from the sill, needing no box or special device for attaching them to place; and nothing to impede the instant rising of the frame to the position shown in Fig. 3, by the mere act of throwing the flexible canvas out of the window. With this arrangement it will be understood that, when the chute is thrown from the window, the weight thereof will lift or turn up the frame *a* to cover the window opening, as shown in Fig. 3.

Having now particularly described and ascertained the nature of my said invention and in what manner the same is to be performed I declare that what I claim is:—

The described fire escape, consisting of a metal frame *a*, having a breadth sufficient to prevent its passing out of the window, combined with metal plates secured to the window sill or a fixed part of the window-frame and provided with hinging eyes through which the lower part of the frame is passed, such eyes being located between the ends of the frame and cross-bars *e*, such cross bars extending across the frame and a flexible tube secured to such frame and bars, all substantially as set forth.

LEWIS ANIDJAH.

Witnesses:

JOHN E. BOUSFIELD,
Of the firm of G. F. Redfern & Co., 4 South
Street, Finsbury, London, Patent Agents.
W. C. BRAKENSHIRE.