

No. 686,182.

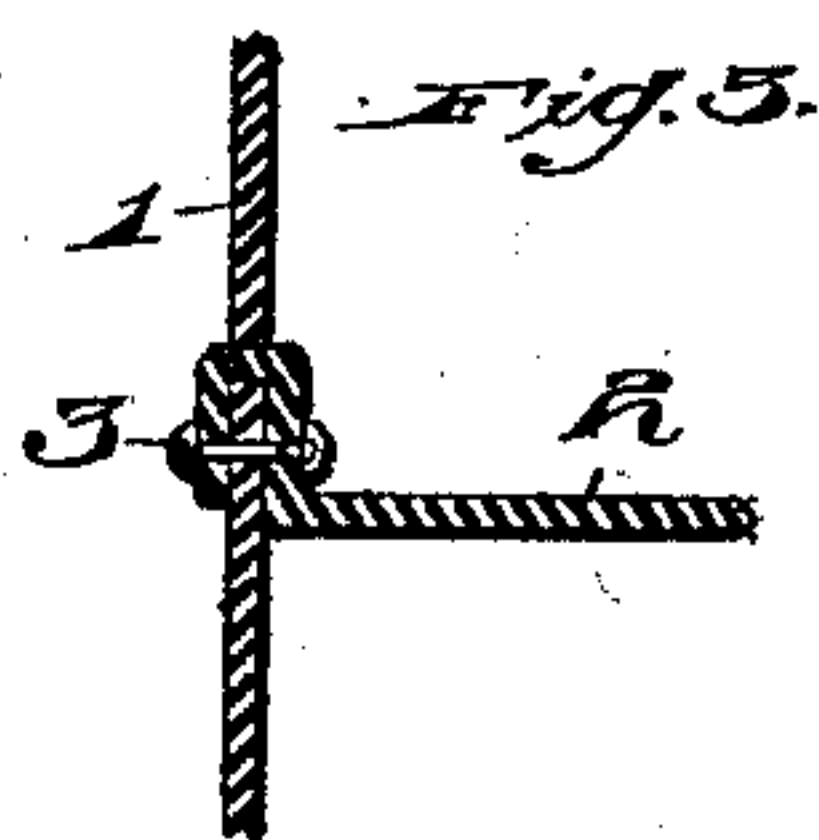
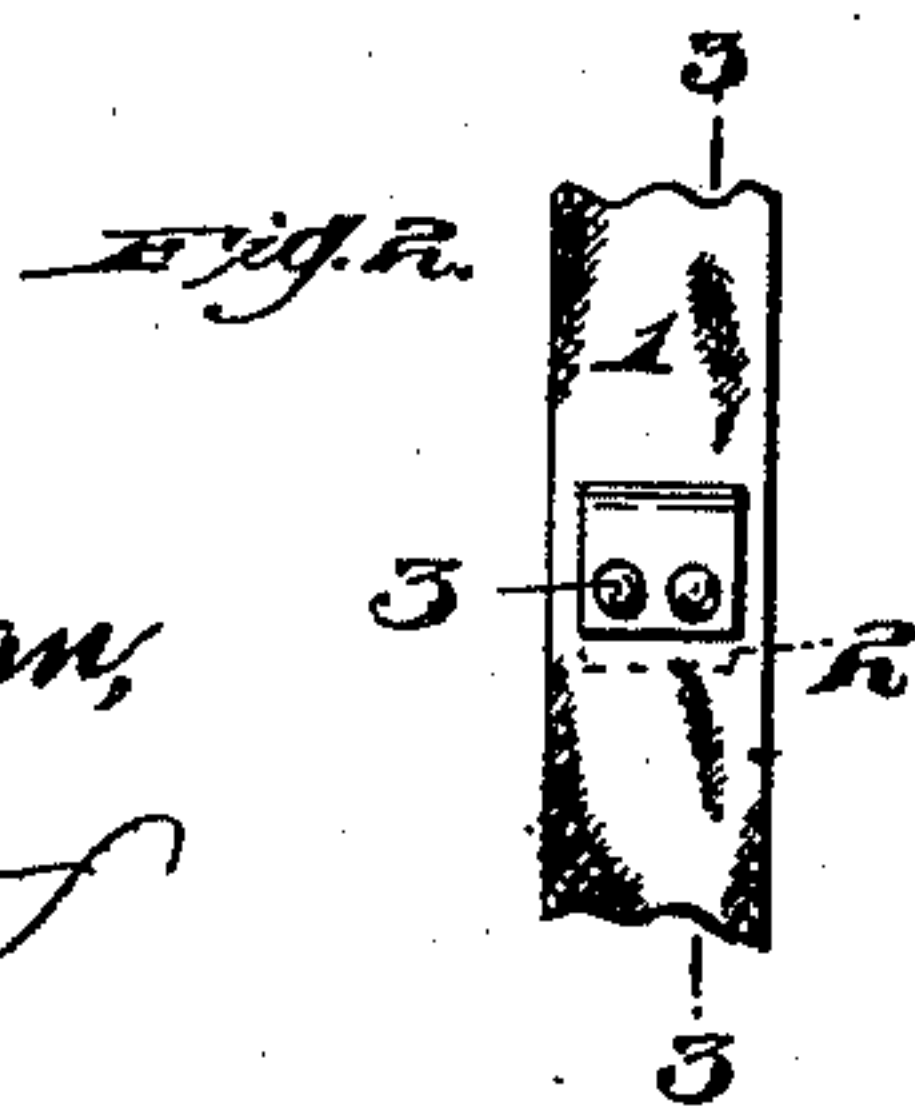
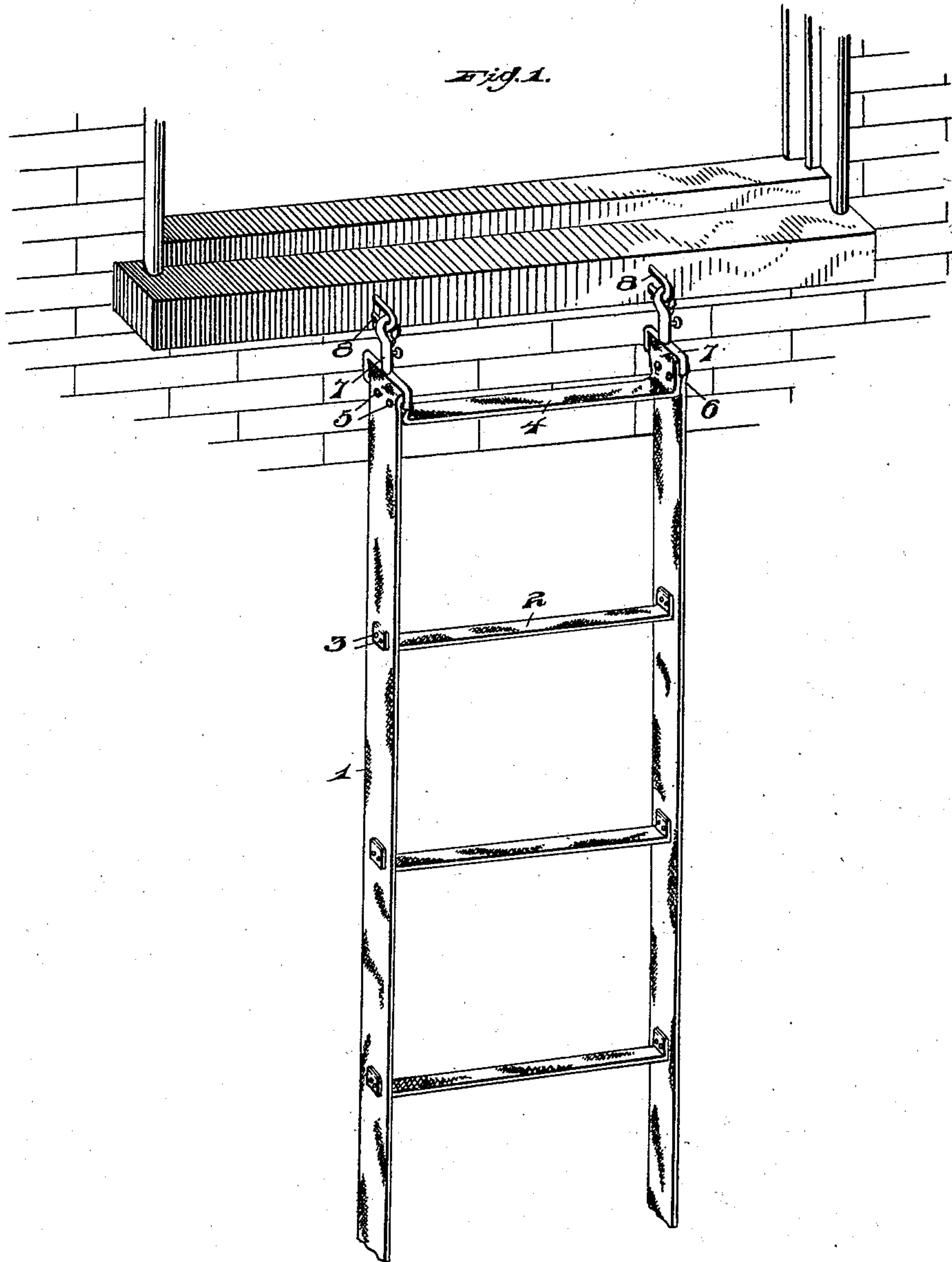
Patented Nov. 5, 1901.

H. L. WRIGHT.

FIRE ESCAPE.

(Application filed July 9, 1901.)

(No Model.)



Witnesses:

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# UNITED STATES PATENT OFFICE.

HATTIE L. WRIGHT, OF PITTSBURG, PENNSYLVANIA.

## FIRE-ESCAPE.

SPECIFICATION forming part of Letters Patent No. 686,182, dated November 5, 1901.

Application filed July 9, 1901. Serial No. 67,620. (No model.)

*To all whom it may concern:*

Be it known that I, HATTIE L. WRIGHT, a citizen of the United States of America, residing at Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Fire-Escapes, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention relates to certain new and useful improvements in fire-escapes, and more particularly to that class wherein a ladder is employed.

The invention herein described broadly resides in the novel form of ladder and material employed for the manufacture thereof, all of which will be hereinafter more fully described and specifically pointed out.

In describing the invention in detail reference is to be had to the accompanying drawings, forming a part of this specification, and wherein like numerals of reference indicate corresponding parts throughout the several views, in which—

Figure 1 is a perspective view of a portion of a building having my improved fire-escape attached thereto. Fig. 2 is a fragmentary view of the side of the fire-escape. Fig. 3 is a vertical sectional view taken on the line 3-3 of Fig. 2.

In the accompanying drawings, 1 indicates the side rails of the ladder, these side rails being composed of a single strip of canvas, the portion 4 at the top thereof connecting the side rails and constituting the top rung of the ladder, and the loops 6 at the ends of this top rung receiving the eyes of the snap-hooks 7. The hook ends of these snap-hooks are adapted to be engaged in staples or eyes 8, secured in the window-sill. The rungs 2 of the ladder are also composed of canvas and are of a sufficient length to permit the ends of the same being passed through openings in the side rails 1 and bent in substantially

U-shaped form, as shown in Fig. 3, being securely held by bolts or rivets 3. Like bolts or rivets 5 are employed at the top of the side rails for securing the snap-hooks 7 in position.

In the construction of the ladder I preferably form both ends of the same alike, so that either end may be fastened to the staples 8 in the manner shown in Fig. 1. The canvas out of which the side rails and rungs of the ladder are constructed is chemically treated either before or after constructing the ladder, so that the latter is thus rendered impervious to fire.

It will be observed that in the manufacture of the ladder various changes may be made in the details of construction without departing from the general spirit of my invention.

Having fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A fire-escape ladder, comprising chemically-treated canvas side rails and rungs, the ends of the rungs being passed through openings in the side rails and doubled over in substantially U-shaped form, rivets for securing said rung ends to the side rails, and hooks carried by the side rails at their ends, substantially as described.

2. A fire-escape ladder consisting of canvas side rails and rungs, the ends of the rungs being passed through the side rails and doubled over in substantially U-shaped form, means for rigidly securing said ends to the side rails, with loops carried by the ends of the side rails, and hooks secured in said loops, substantially as described.

In testimony whereof I affix my signature in the presence of two witnesses.

HATTIE L. WRIGHT.

Witnesses:

JOHN NOLAND,  
E. E. POTTER.