

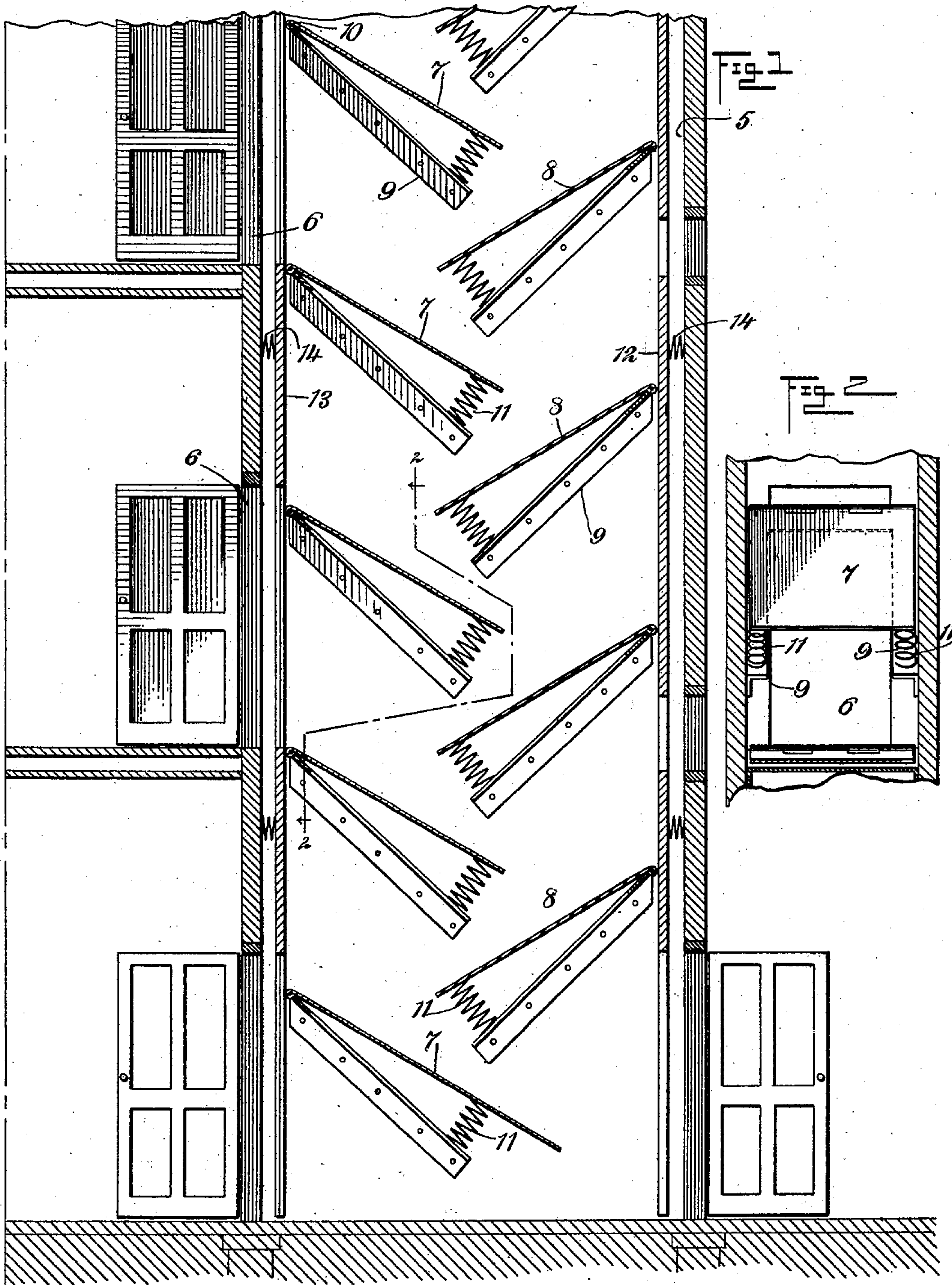
No. 715,560.

Patented Dec. 9, 1902.

P. H. DEDRICK.
FIRE ESCAPE.

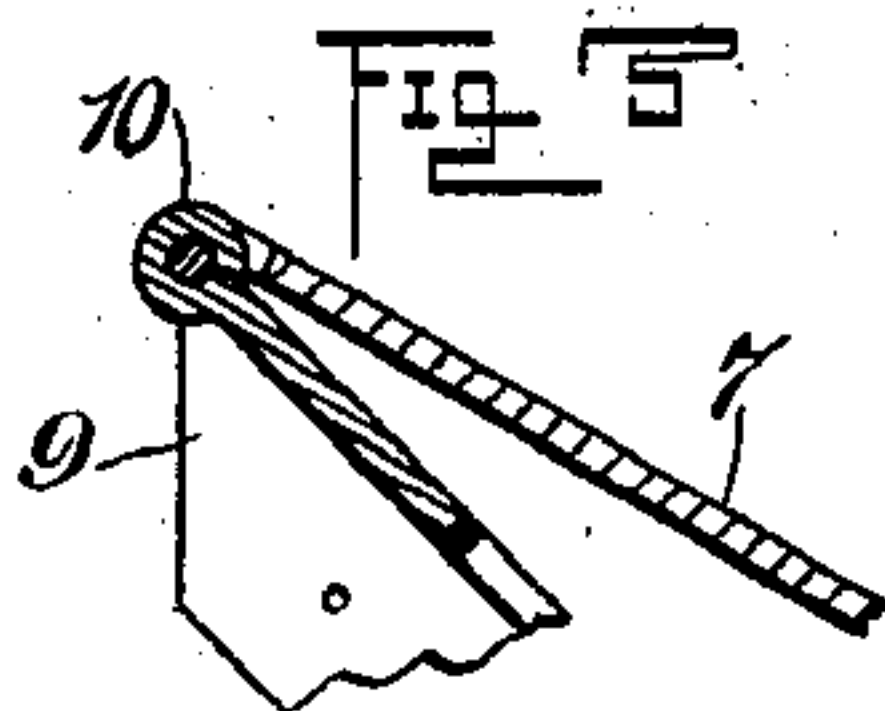
(Application filed Mar. 27, 1902.)

(No Model.)



WITNESSES:

G. L. Schuyler
C. R. Ferguson



INVENTOR

Philip H. Dedrick

BY

Mauw
ATTORNEYS.

UNITED STATES PATENT OFFICE.

PHILIP HENRY DEDRICK, OF GRANDVIEW-ON-HUDSON, NEW YORK.

FIRE-ESCAPE.

SPECIFICATION forming part of Letters Patent No. 715,560, dated December 9, 1902.

Application filed March 27, 1902. Serial No. 100,235. (No model.)

To all whom it may concern:

Be it known that I, PHILIP HENRY DEDRICK, a citizen of the United States, and a resident of Grandview-on-Hudson, in the county of Rockland and State of New York, have invented a new and Improved Fire-Escape, of which the following is a full, clear, and exact description.

This invention relates to improvements in fire-escapes; and the object is to provide a device of this character comprising a series of platforms so arranged that a person or persons may slide from one platform to another, and thus gradually descend without injury by the fire-escape from any floor of a building.

I will describe a fire-escape embodying my invention and then point out the novel features in the appended claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a sectional elevation showing a fire-escape embodying my invention. Fig. 2 is a section on the line 2 2 of Fig. 1, and Fig. 3 is a sectional detail showing a portion of one of the platforms and its support.

Referring to the drawings, 5 designates a shaft or well that may be arranged in a building or on the outer side thereof and communicating with the rooms of the various floors, through doorways 6. Arranged alternately at opposite sides of the shaft are platforms 7 8. These platforms may be made of any suitable material, and they are placed at an incline, the platforms at one side being at a reverse incline to the platforms at the other side, as clearly shown in the drawings. Connected to the walls of the shaft are metal frames 9, which are preferably of angle-iron, and to the upper portions of these frames the platforms are hinged, as indicated at 10, and placed below the lower ends of the platforms and the lower ends of the side members of the frames are cushions or springs 11.

In the operation a person by stepping onto one of the platforms will slide therefrom onto the platform extended from the opposite wall and directly underneath and from said opposite platform to the next platform, and so on down to the bottom of the shaft, where exit-doorways are arranged.

The opposite walls of the shaft or the walls at the upper hinged ends of the platforms are preferably made yielding. I have shown said opposite side walls at 12 13, between which and the main fixed walls of the shaft are springs 14. These yielding walls will prevent possible danger to persons striking against them.

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

1. A fire-escape comprising a shaft, spring yielding walls in said shaft, inclined platforms extended from said yielding walls toward the center of the shaft, the platforms of one side alternating with the platforms at the opposite side, hinges supporting the upper ends of the platforms, and springs having connection with the platforms, substantially as specified.

2. A fire-escape comprising a shaft, frames arranged at opposite inclines in said shaft, platforms having hinge connection with the upper portions of the frames, and spring connections between the lower ends of the platforms and the frames, and holding the lower ends of the platforms normally above the frames, substantially as specified.

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

PHILIP HENRY DEDRICK.

Witnesses:

EDGAR T. SMITH,
E. J. FAY.