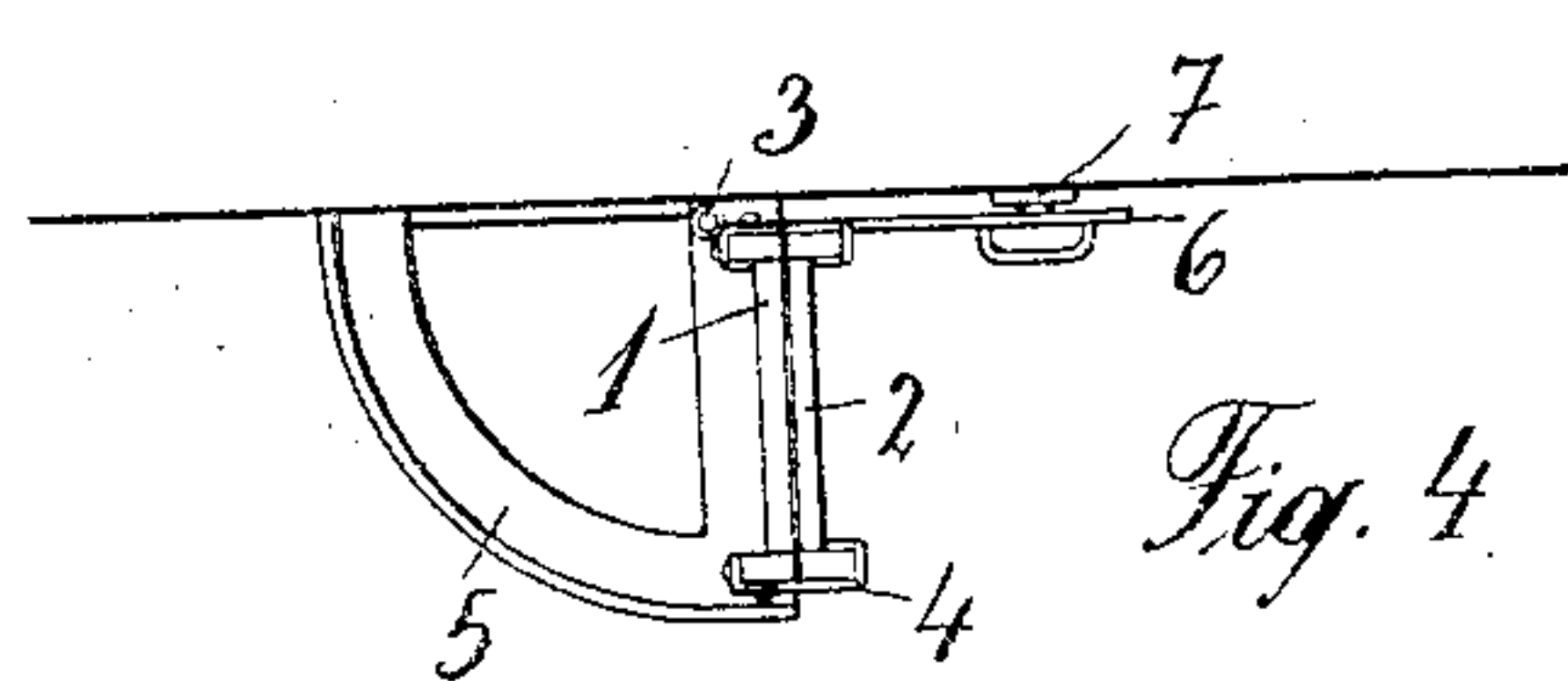
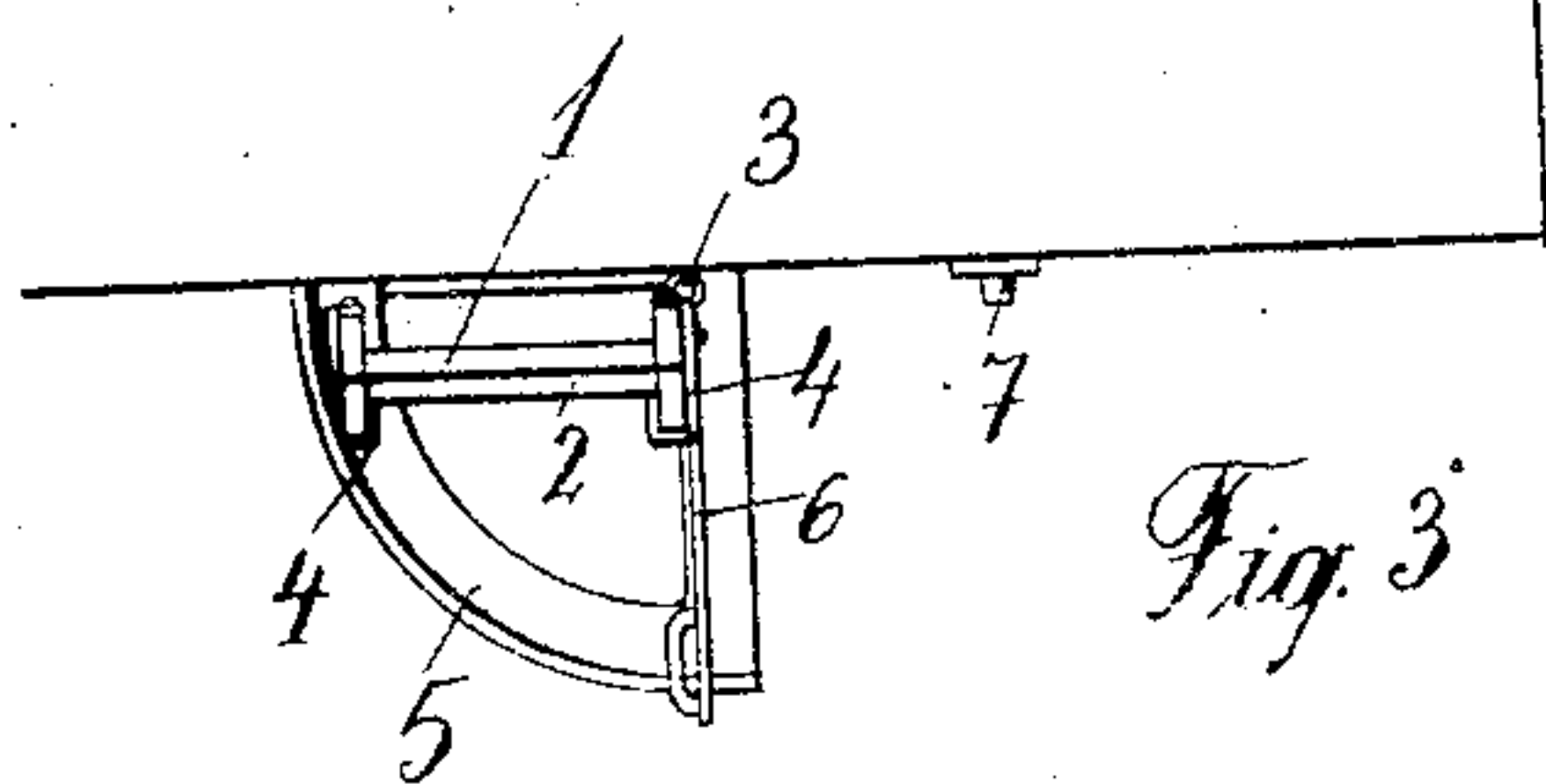
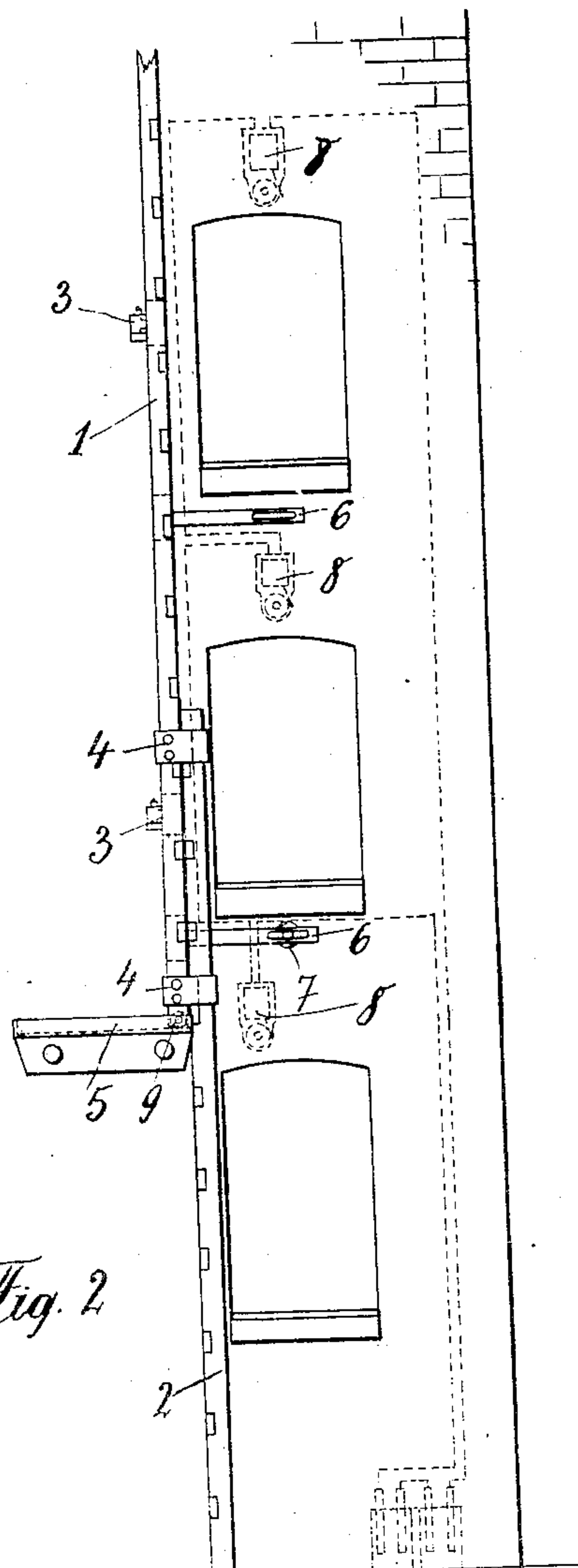
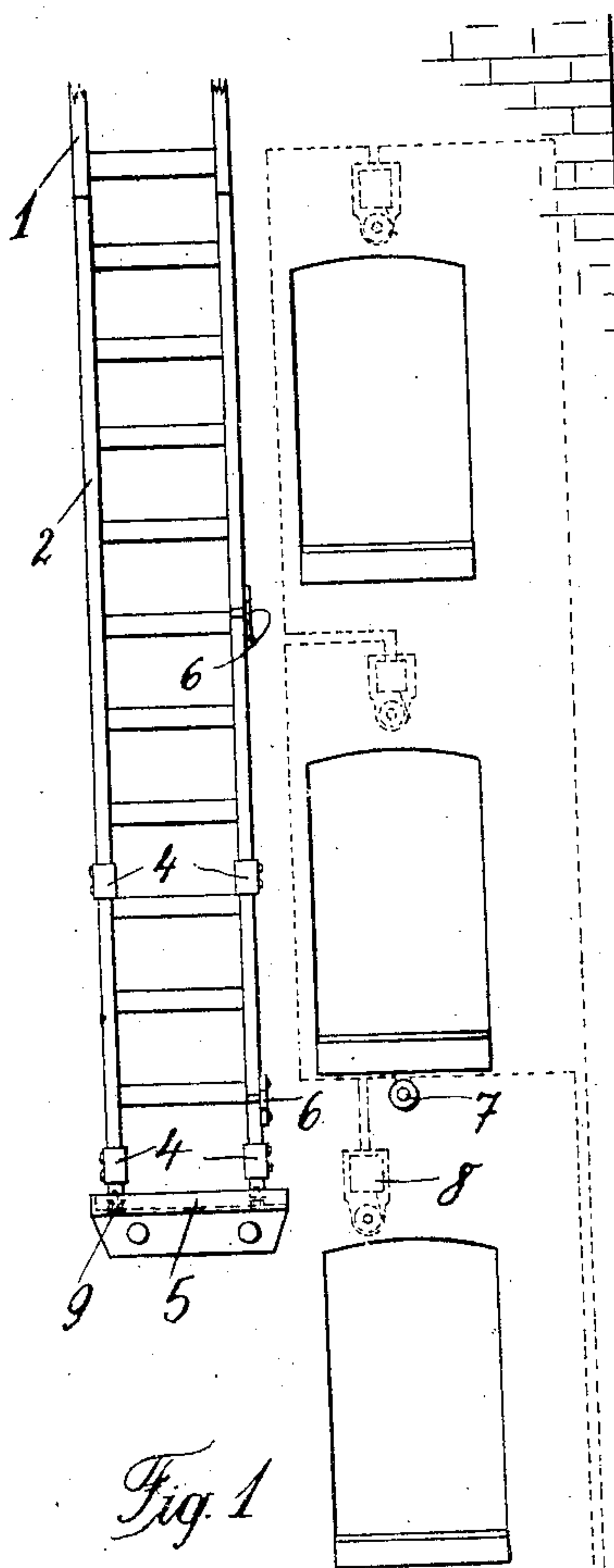


No. 854,645.

PATENTED MAY 21, 1907.

F. JÄGER.
FIRE ESCAPE.

APPLICATION FILED NOV. 14, 1906.



Witnesses:
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UNITED STATES PATENT OFFICE.

FRITZ JÄGER, OF GLADBECK, GERMANY.

FIRE-ESCAPE.

No. 854,645.

Specification of Letters Patent.

Patented May 21, 1907.

Application filed November 14, 1906. Serial No. 343,453.

To all whom it may concern:

Be it known that I, FRITZ JÄGER, a subject of the German Emperor, and a resident of Gladbeck, in Westphalia, Germany, have invented new and useful Improvements in Fire-Escapes, of which the following is a specification.

This invention relates to an improved fire escape which essentially comprises a ladder 10 hingedly fixed to the outside of a building in proximity to a row of windows of the same and designed when not in use to lie flat on the building and to project not farther than down to the first floor of the building, while when in use it stands at right angles to the building and projects down to the pavement, so that it can be used at the same time as part of the scaffolding when repairs of the building are necessary.

In order that the inhabitants of the building become in the event of fire danger alive to the latter, alarm devices are provided in each floor of the building and adapted to be set in action from one switch operated by the ladder.

In the accompanying drawing, the improved fire escape is shown as mounted on a building.

Figures 1 & 2 show the same in inoperative and operative position respectively, while Figs. 3 & 4 are plans of Figs. 1 & 2 respectively.

The fire escape essentially comprises two main parts, the upper ladder 1 and the lower ladder 2 which is slidably arranged in guides 4 of the ladder 1 and adapted to reach, when slid down, from the first floor down to the pavement.

The ladder 1 is fixed to the outside wall of the building by means of hinges 3 in such a manner that it can be easily reached from the windows of the building and turned into rectangular position thereto for which purpose an arm 6 vertically projecting from said ladder 1 is provided in proximity to each window, of which arms 6 one is adapted to abut against, and thus to actuate, an electric switch 7 which is connected with alarm devices 8 provided in each floor of the building.

In the wall of the building a bracket 5 is fixed and destined to serve as rest for the lower end of the ladder 1 as well as of the slidably ladder 2 which runs thereon by means of rollers 9.

The lower slidably ladder 2 serves when lowered down to the pavement, at the same time for fixing the whole ladder in its rectangular operative position.

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

A fire escape comprising in combination with a building, an upper ladder (1) hingedly attached to the outside wall of the building so as to project not farther down than to the first floor of the building and to lie when not in use flat on the same, a lower ladder (2) slidably arranged on said upper ladder so as to lie when not in use with its lowest end at the same level as the lowest end of said upper ladder but to project down to the pavement when in use, a bracket (5) fixed to the building and adapted to serve as rest for said upper and lower ladder when the latter are not in use, arms (6) fixed at right angles to said upper ladder in proximity to a window of each floor of the building and adapted to allow of said ladder being turned so as to lie at right angles to the building for its operative position, rollers (9) provided on the lowermost ends of said ladder so as to allow of the latter being easily run on said bracket, alarm devices (8) provided in each floor of the building, and an electric switch (7) connected with said alarm devices and adapted to be operated by one of said arms (6) and thus to set said alarm devices in operation when the ladder comes in operation, substantially as described and shown.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

FRITZ JÄGER.

Witnesses:

MATHILDE ENGELS,
ALFRED POHLMAYER.