

(No Model.)

W. H. GLENN.

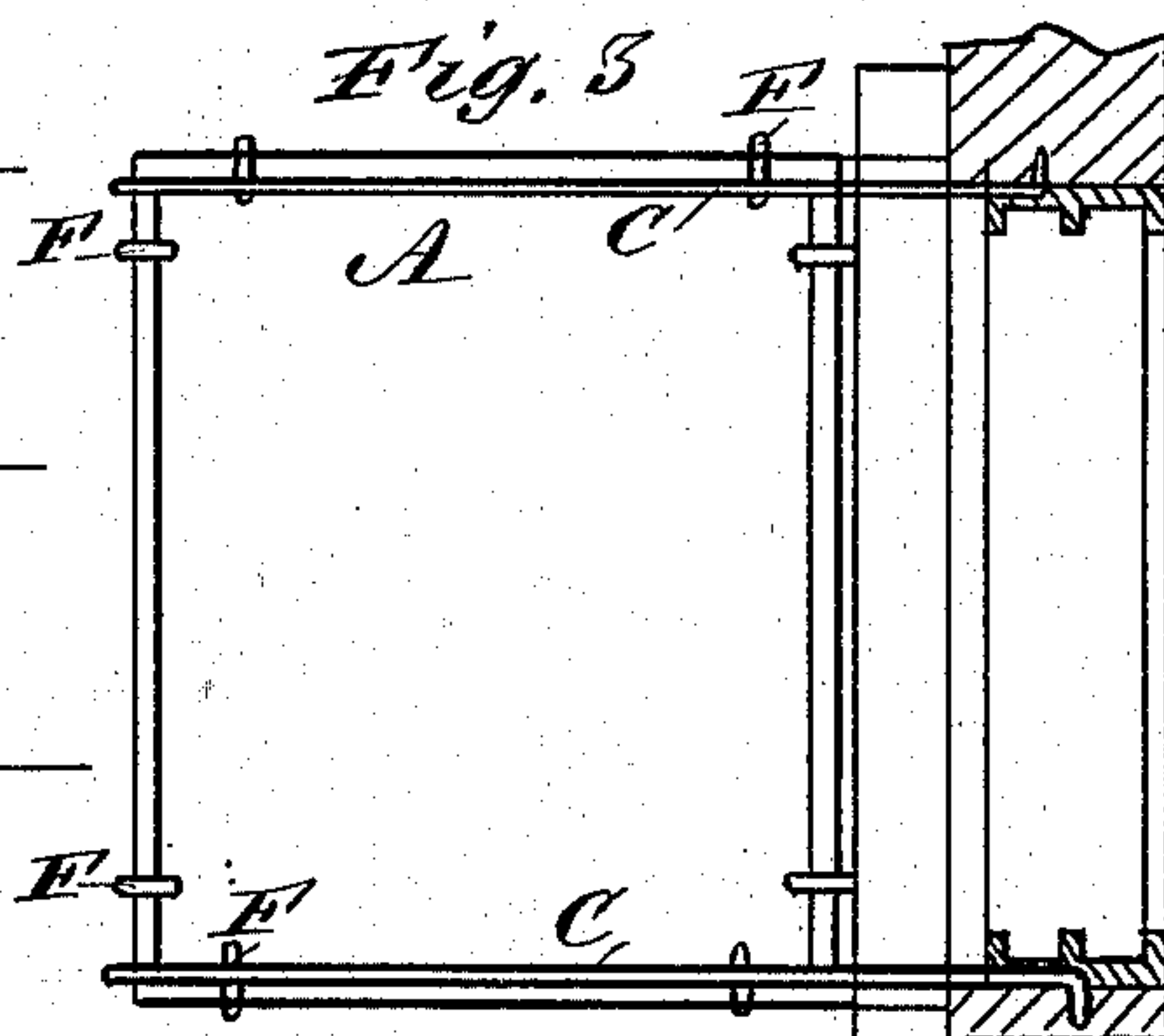
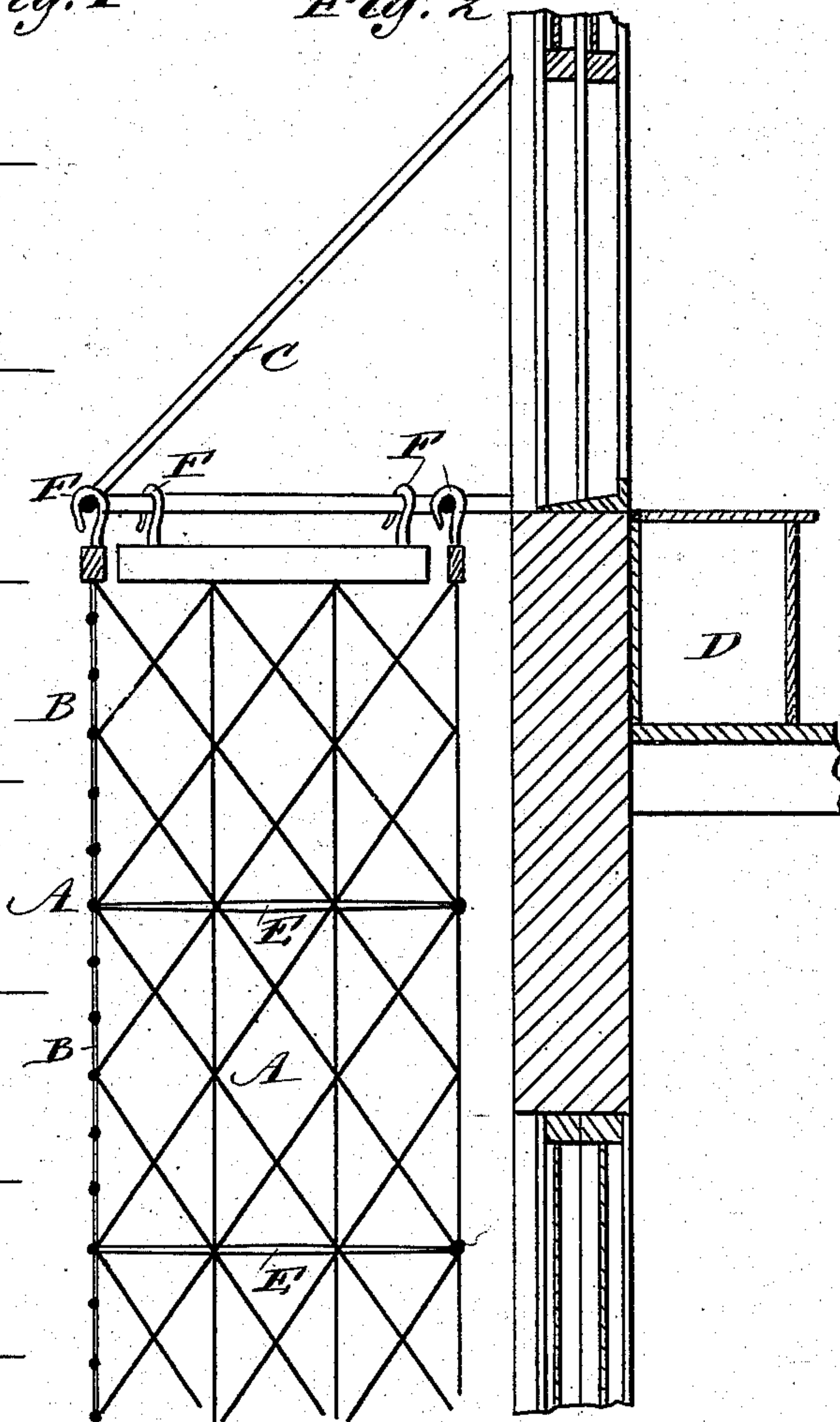
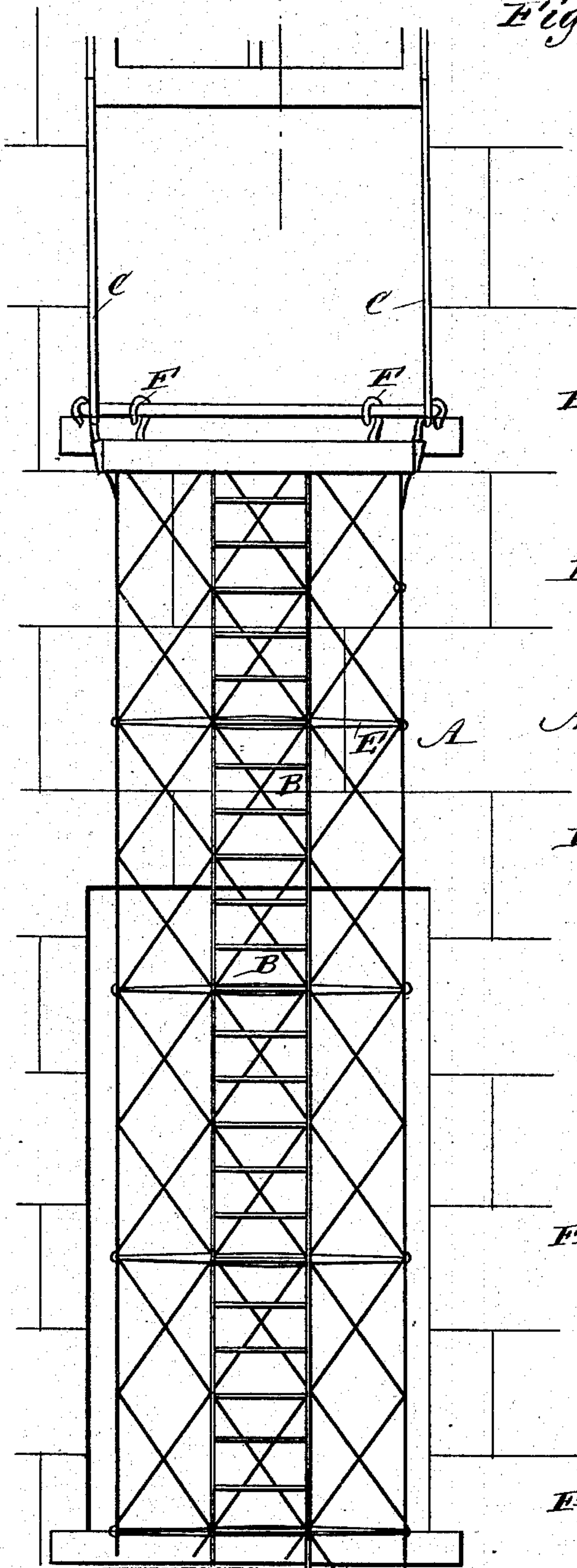
FIRE ESCAPE.

No. 291,333.

Patented Jan. 1, 1884.

Fig. 1

Fig. 2



WITNESSES:

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UNITED STATES PATENT OFFICE.

WILLIAM H. GLENN, OF KIRKSVILLE, MISSOURI.

FIRE-ESCAPE.

SPECIFICATION forming part of Letters Patent No. 291,333, dated January 1, 1884.

Application filed June 1, 1883. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM H. GLENN, of Kirksville, Adair county, Missouri, have invented a new and Improved Fire-Escape, of which the following is a full, clear, and exact description.

The invention relates to that class of fire-escapes consisting of a flexible ladder, on which persons can descend; and the object of my invention is to avoid the danger of persons falling from the ladder while descending.

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

Figure 1 is a front view of my improved fire-escape. Fig. 2 is a longitudinal sectional elevation of the same, and Fig. 3 is a plan view of the same.

A sack or tube, A, is made of ropes, which are crossed and united at the crossings, the said sack being made of such length that it can reach to the ground. On the front side of the sack a flexible ladder, B, is secured, on which the persons can descend. The ladder can be permanently fixed to the sack, or can be made removable. The sack can be suspended from a frame, C, at the top of the house, and in that case must be provided in its rear side—that is, the side toward the wall—with openings, through which persons can pass from the rooms into the sack; or, if desired, sacks can be contained in boxes D, fastened to the inner side of the wall below the window-sills. In that case a separate sack is provided for each story. The sack can be suspended from suitable hooks on the window-frame, or from a frame, C, at each story; or it can be suspended in any other suitable man-

ner. Preferably, it is suspended from a frame, C, as the sides of the sack can then hang down straight, and the sack will not collapse. The person descending by means of the ladder B has the back toward the wall, and can hold himself on the ropes forming the sack. Being within the sack, gives the persons a feeling of security, and persons will thus not be in danger of being frightened and losing their presence of mind. The sides of the sack can be made of wire or fiber-ropes, and can be braced and stiffened by means of braces E, suitably spaced. At its upper end the sack is provided with blocks F, for suspending it. As the ladder does not rest against the wall, the persons can pass their feet through the spaces between the rings sufficiently to get a firm bearing on the rungs.

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

1. A fire-escape sack formed of perpendicular ropes, and ropes crossing these obliquely, said ropes being tied together at their points of crossing, all substantially as shown and described.

2. The combination, with a fire-escape sack having hooks at the rim of the upper end, of a projecting frame, C, arranged to hold the sides of the sack perpendicularly, as shown and described.

3. The combination, with the sack or tube A, made of ropes, of the hooks F and the ladder B, secured in the sack, substantially as herein shown and described, and for the purposes set forth.

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Witnesses:

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