

(No Model.)

E. SALOM.

ELEVATOR.

No. 285,309.

Patented Sept. 18, 1883.

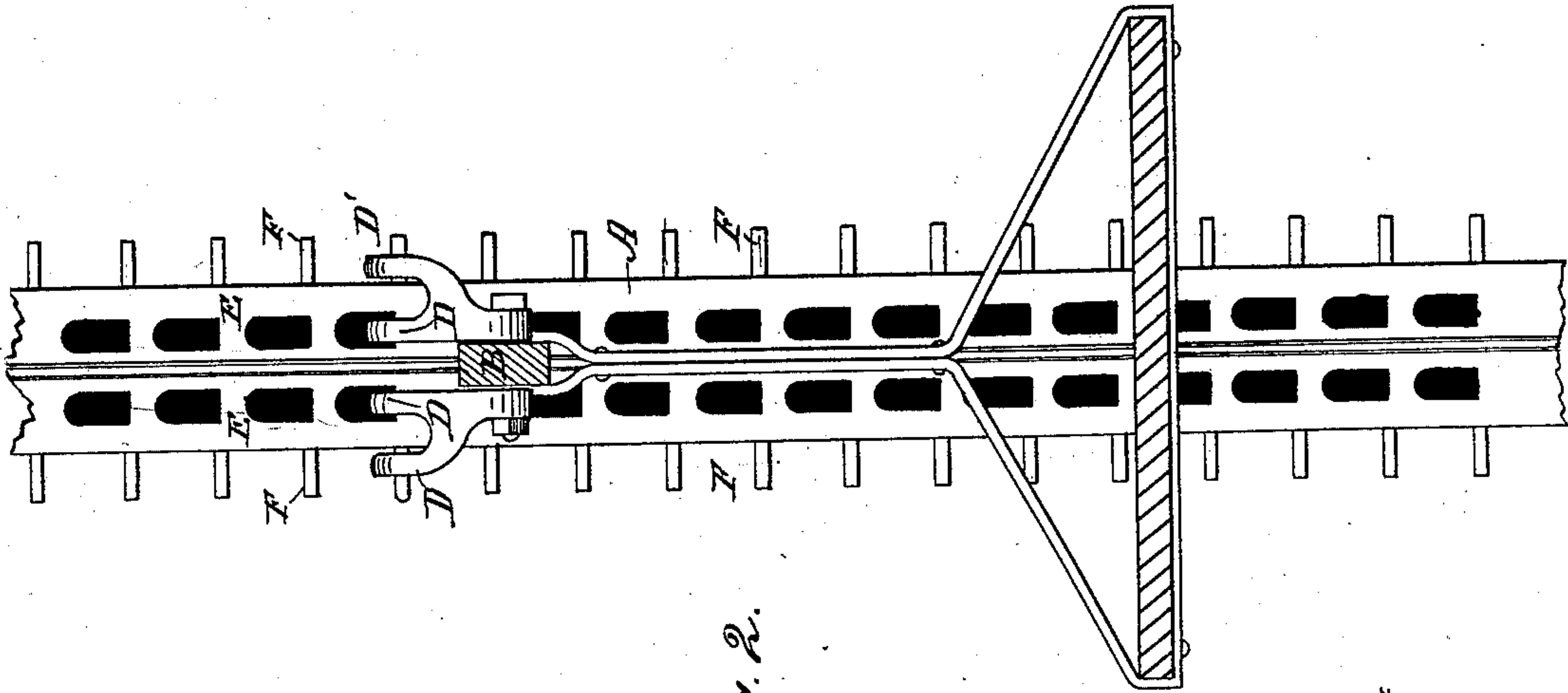


Fig. 2.

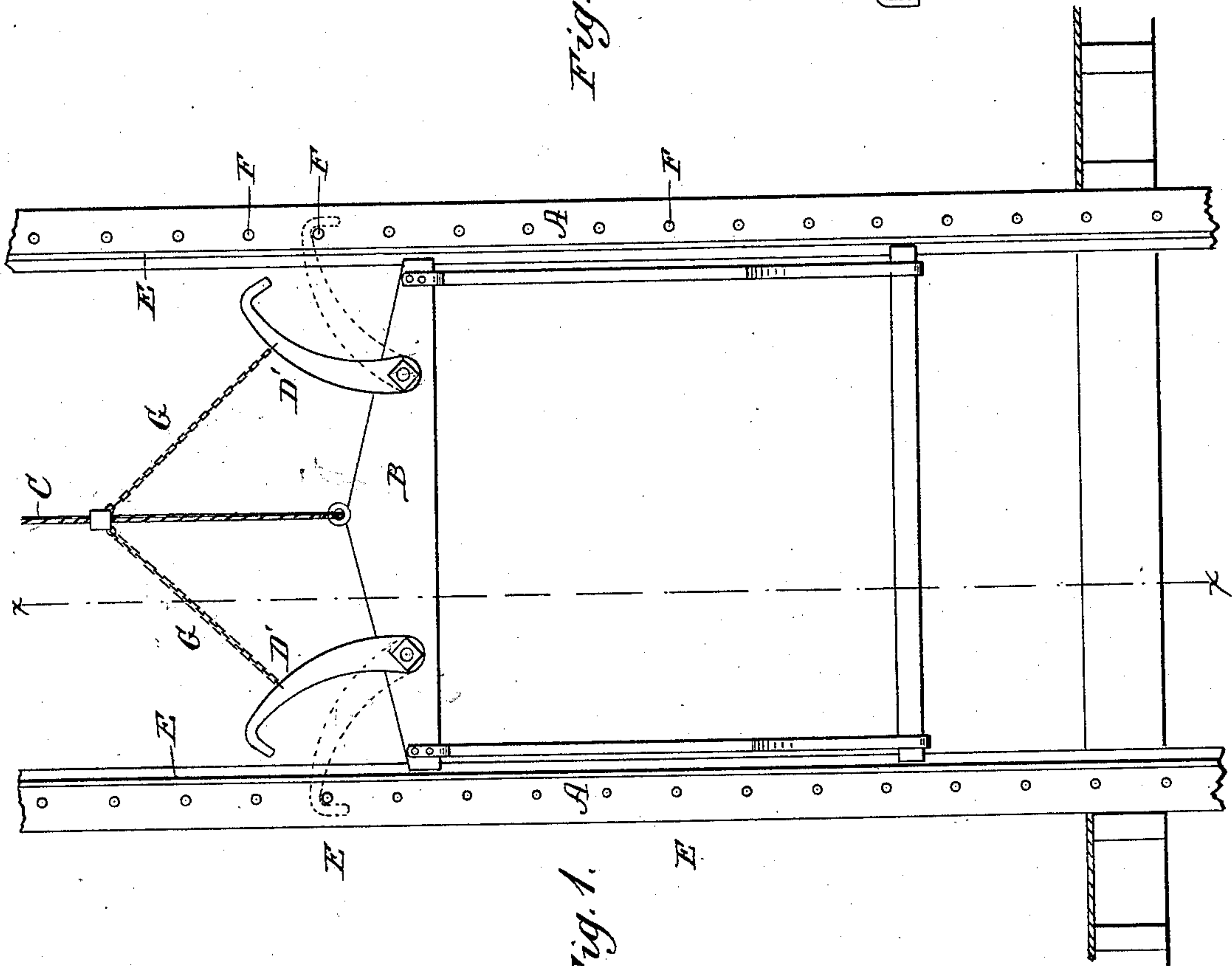


Fig. 1.

WITNESSES:

*W. W. Hollingsworth*  
*A. J. Lyne.*

INVENTOR:

*E. Salom,*

BY

*Munn & Co.*  
ATTORNEYS.

# UNITED STATES PATENT OFFICE.

EUSEBIO SALOM, OF NEW ORLEANS, LOUISIANA.

## ELEVATOR.

SPECIFICATION forming part of Letters Patent No. 285,309, dated September 18, 1882.

Application filed July 31, 1883. (No model.)

*To all whom it may concern:*

Be it known that I, EUSEBIO SALOM, of New Orleans, in the parish of Orleans and State of Louisiana, have invented a new and useful  
5 Improvement in Elevators, of which the following is a full, clear, and exact description, reference being had to the annexed drawings, forming part of this specification.

10 This invention relates to safety devices for arresting the fall of an elevator-platform; and the invention consists of the novel construction hereinafter described and claimed.

15 In the drawings, Figure 1 is an elevator, partly broken away, showing my invention; and Fig. 2 is a section on line *xx* of Fig. 1.

A indicates the vertical guides, between which the platform of the elevator is to move, and B is the cross-beam of the platform, to which is connected the hoisting-rope C.

20 About midway between the center and the ends of the cross-beam B are pivoted two pairs of safety-hooks D D', which are adapted to fall by gravity toward the vertical guides A, respectively, when not supported.

25 To the guides are secured perforated plates E E, with which the hooks D are adapted to engage to arrest the fall of the platform, and

on each side of each pair of perforated plates are pins F F, with which the ends of the hooks D' are adapted to engage. The hooks D D' are 30 connected to the rope C by the guys G G, which are to be of such a length that when the weight of the platform is suspended by the rope the hooks will be elevated out of engagement with the perforated plates E, and the hooks are to 35 be of such a weight that if the rope C breaks they will fall by gravity into engagement with the plates E and pins F and arrest the fall of the platform.

I do not broadly claim a safety hook or catch 40 which is adapted to be held out of engagement with a stop by connection with the hoisting-rope; but

What I claim is—

The combination, with the platform and 45 hoisting-rope, of the double gravity-hooks D D' and guys G, connecting them to the said rope, and the plates E and pins F, substantially as shown and described.

EUSEBIO SALOM.

Witnesses:

J. BENDERNAM, Jr.,  
S. S. WOOD.