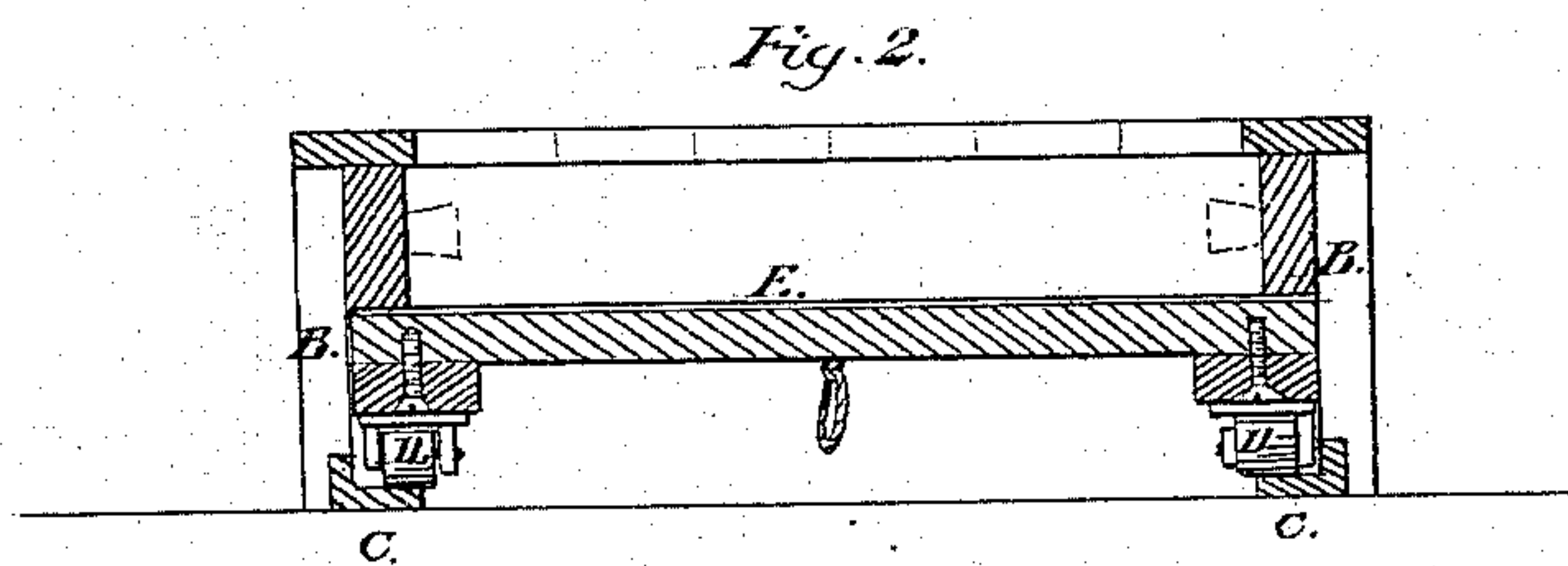
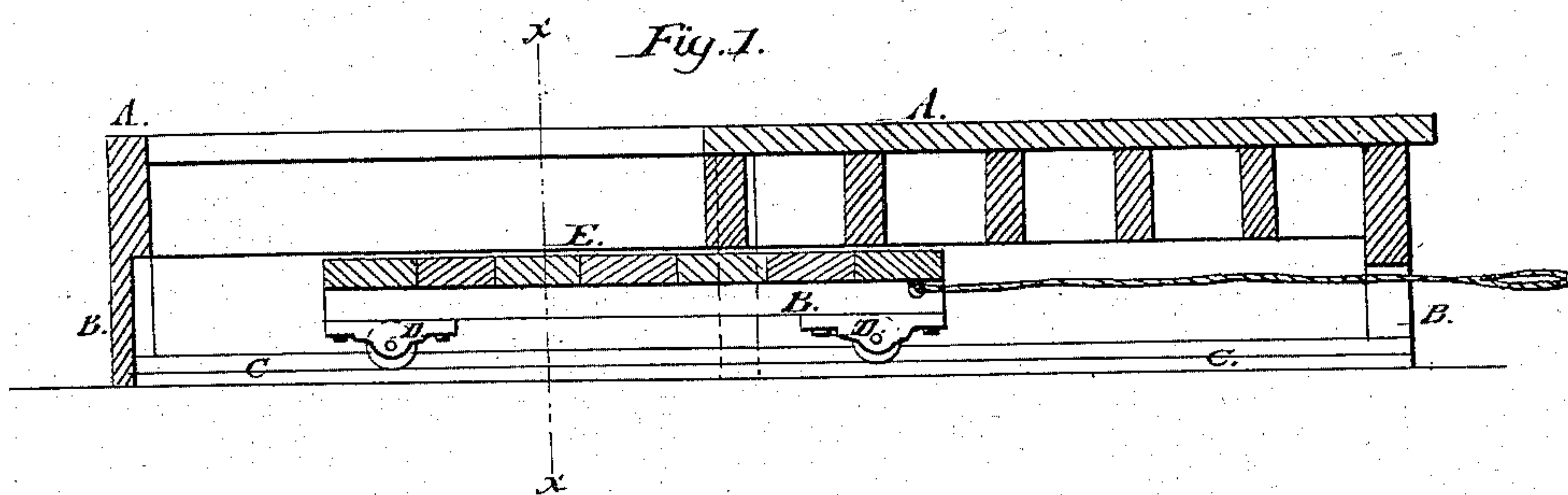


M. S. Driggs.
Hatchway Door.

N^o 54,874.

Patented May 22, 1866.



Witnesses:
L. Murphy
C. M. Swaney

Inventor:
Marshall S. Driggs
per
D. S. Williams & Co.
his Attorneys

UNITED STATES PATENT OFFICE.

MARSHALL S. DRIGGS, OF BROOKLYN, NEW YORK.

IMPROVED HATCHWAY-DOOR.

Specification forming part of Letters Patent No. 54,874, dated May 22, 1866.

To all whom it may concern:

Be it known that I, MARSHALL S. DRIGGS, of Brooklyn, in the county of Kings and State of New York, have invented certain new and useful Improvements in Hatchway-Doors, of which the following is a full, clear, and exact description, reference being had to the annexed drawings, which are made part of this specification, in which—

Figure 1 is a vertical longitudinal section, showing the floor of the building and the hatchway-door; and Fig. 2 is a transverse section on the line *x x*, Fig. 1.

The same letters in the different figures refer to identical parts.

A represents the floor of the building or vessel in which the hatchway is opened. Beneath this floor, in the ceiling of the room below, the hangers B support the horizontal ways C C. These ways have a flange upon their outer side to confine the trucks D, and are of a length sufficient to enable the hatch E to run under the floor and open the hatchway.

The ways are placed under the frame surrounding the hatchway, and so as not to interfere with the use thereof.

The hatch E is framed in any suitable manner. It should be a little larger than the hatchway, and is placed upon trucks D D, which run upon the ways B B. The hatch runs freely but snugly under the joist, being actuated in opening and closing the hatchway by ropes, with or without pulleys, as may be most convenient.

What I claim as my invention, and seek to secure by Letters Patent, is—

Constructing a hatch, E, with trucks D, running upon horizontal ways B, suspended beneath the floor, so that the hatchway may be opened and closed from below, substantially in the manner set forth.

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

M. S. DRIGGS.

Witnesses:

JOHN M. STEARNS,

W. K. VAN VALKENBERG,

EDMUND DRIGGS.