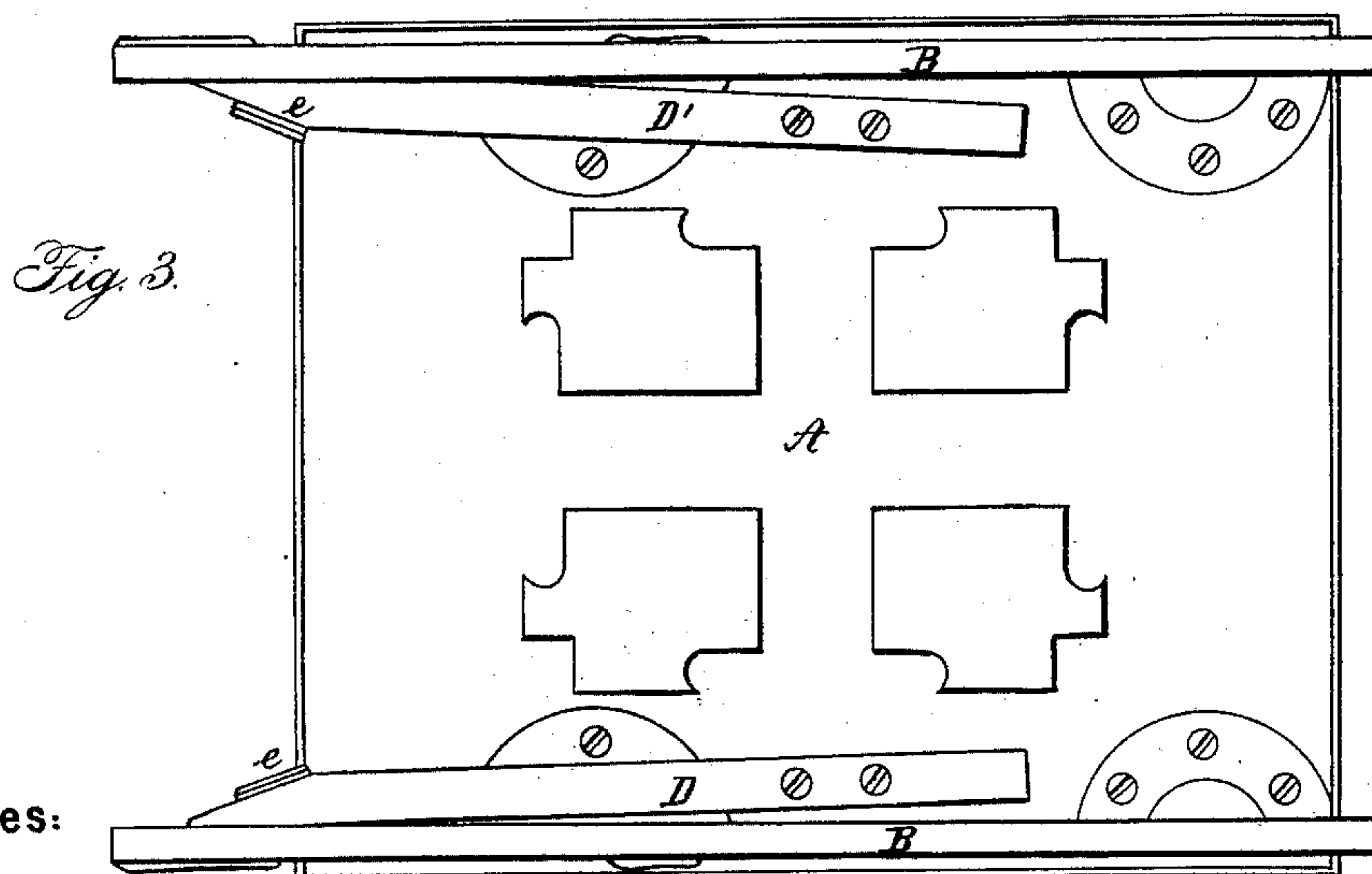
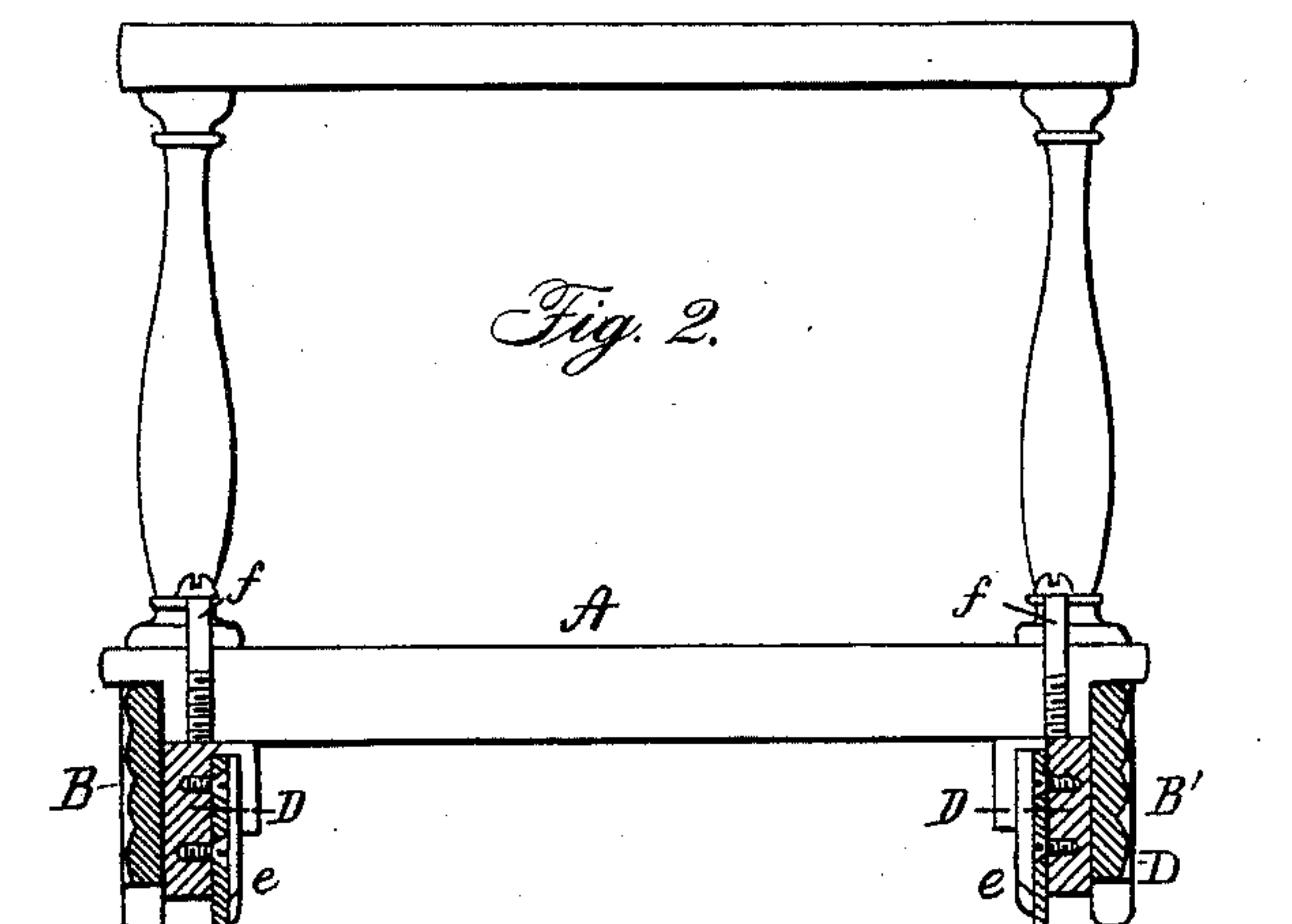
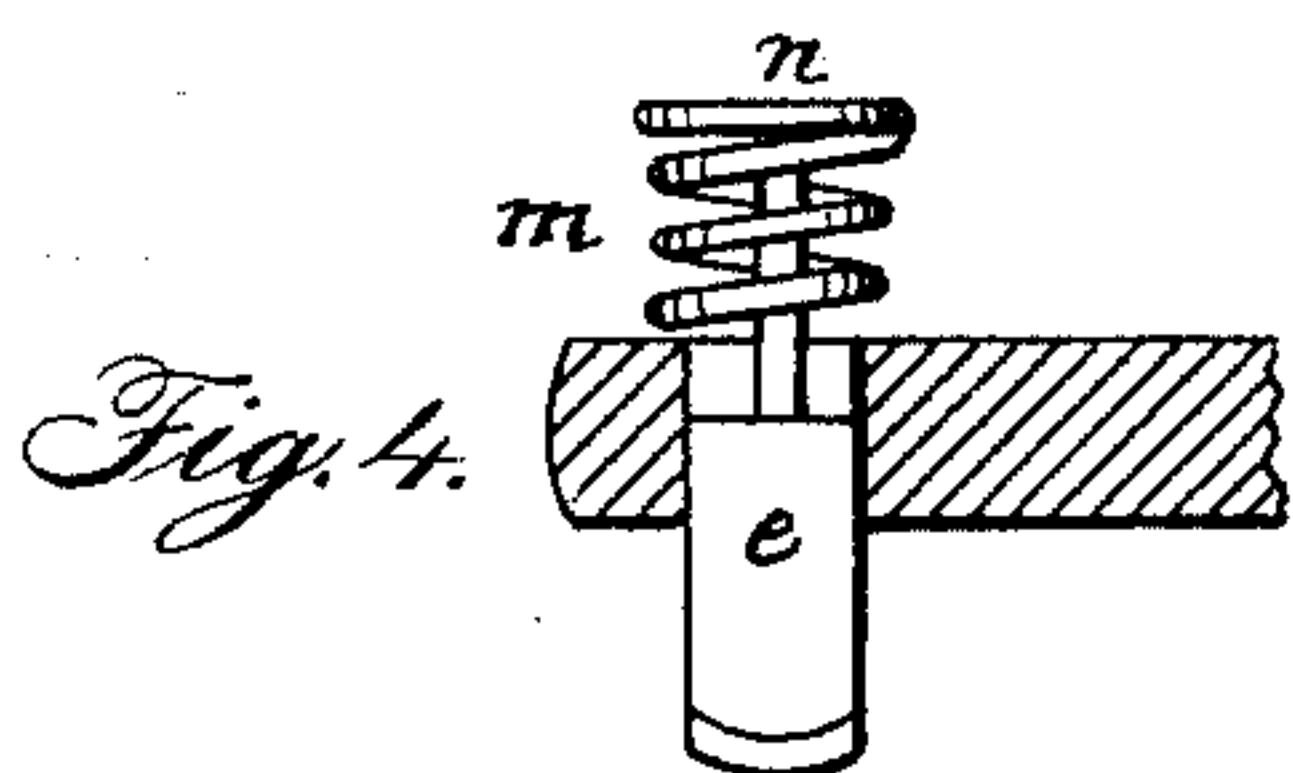
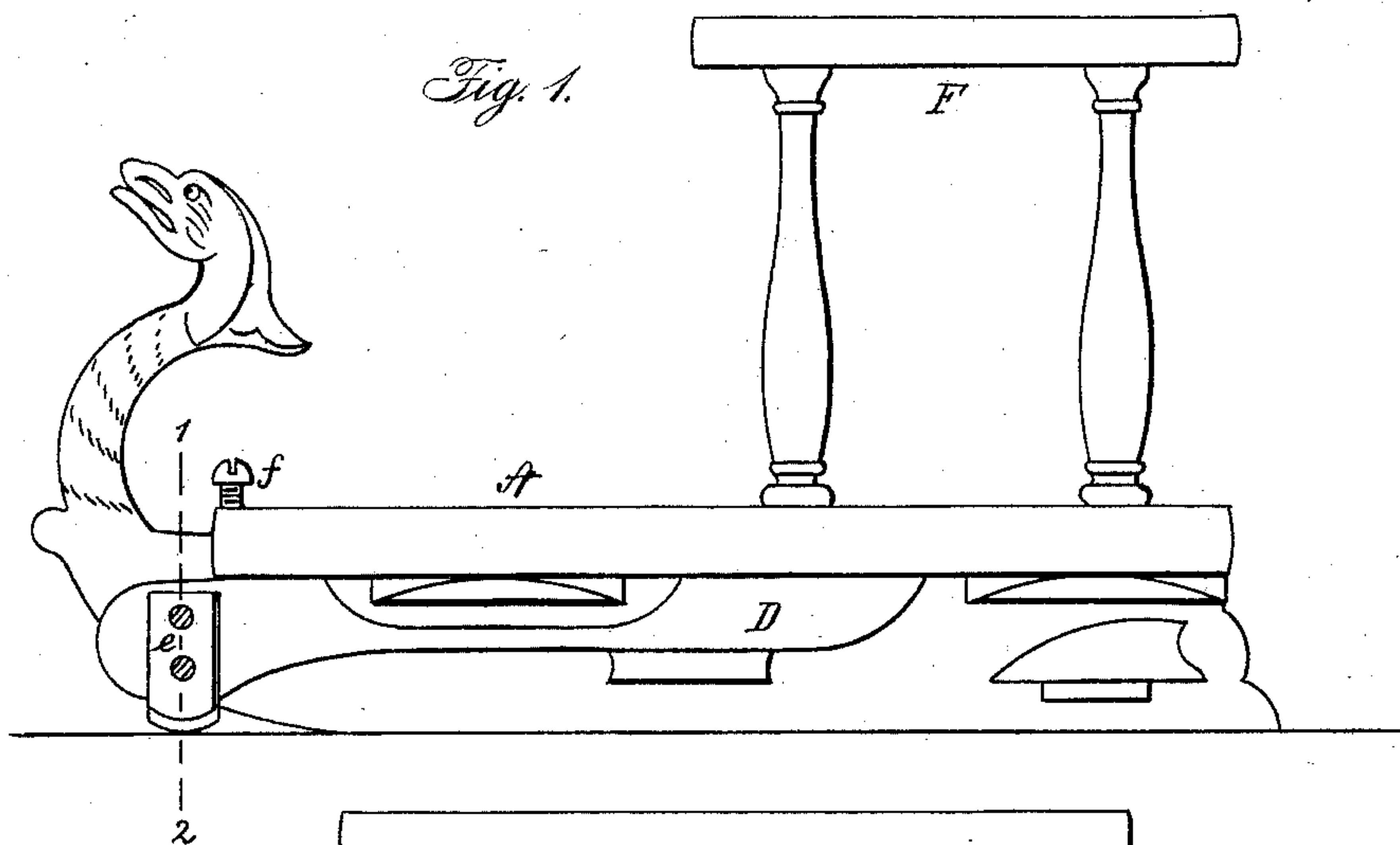


A. H. GLOSE.

Sleigh.

No. 62,541.

Patented Mar. 5, 1867.



**Witnesses:**

Woolbtham,  
from Albert Steel.

**Inventor:**

A H Glose  
By his Atty  
H. Howson

# United States Patent Office.

ADOLPH H. GLOSE, OF PHILADELPHIA, PENNSYLVANIA.

*Letters Patent No. 62,541, dated March 5, 1867.*

## IMPROVEMENT IN CHILD'S SLEIGH.

*The Schedule referred to in these Letters Patent and making part of the same.*

### TO ALL WHOM IT MAY CONCERN:

Be it known that I, ADOLPH H. GLOSE, of Philadelphia, Pennsylvania, have invented a Child's Sleigh; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawing, and to the letters of reference marked thereon.

My invention consists of a board or platform, having two parallel runners in combination with two inclined steering blades connected to the said platform, and arranged for operating substantially in the manner described hereafter, the whole forming a sleigh which a child (sitting or standing on the platform) can propel by the aid of a pointed stick, and the course of which can be controlled at pleasure by operating the said inclined steering blades.

In order to enable others to make and use my invention, I will now proceed to describe its construction and operation, reference being had to the accompanying drawing, which forms a part of this specification, and in which—

Figure 1 is a sectional elevation of a child's sleigh.

Figure 2, a transverse section on the line 1-2, fig. 1; and

Figure 3, an inverted plan view.

Similar letters refer to similar parts throughout the several views.

A is a board or platform, to the under side of which are secured the two runners B and B'. To the under side of the platform A are secured two arms, D and D', each of which is situated in a position adjacent to the inner side of one of the runners, as seen in fig. 3, both arms being made so elastic that they can be depressed, and each arm resuming its original position against the platform on the pressure being removed. Each arm is provided at its outer end with a blade, *e*, rounded and bevelled so as to be reduced to a sharp edge, which, when the arms are not depressed, is free from contact with the ice. The blade of one arm is inclined outwards in one direction, that of the other arm in a contrary direction, as seen in fig. 3. Each arm has a pin, *f*, passing through and guided by a hole in the platform; and the latter may be provided with a seat, F, so situated that the pins *f* shall be within reach of the feet of the seated child; the sleigh being propelled by the child, who uses a short pole or stick, pointed at the end for penetrating the ice. The course of the propelled sleigh may be instantly changed at pleasure by depressing one or the other of the pins *f*, and bringing one or the other of the edges of the inclined blades *e* in contact with the ice; or the progress of the sleigh may be retarded or arrested by depressing both arms, when the inclined edges of both blades will act as a brake by their friction on the ice. The inclined blades may be connected to the sleigh without the intervention of arms; for instance, each blade may be arranged to slide vertically in an opening in the platform, as seen in Figure 4, a stem on the blade being surrounded by a spiral spring, *m*, which intervenes between the top of the platform and a button or disk, *n*, on the top of the stem, the spring tending to elevate the blade free from contact with the ice, and the disk serving as a rest for the foot when the blade has to be depressed.

I claim as my invention, and desire to secure by Letters Patent—

A board or platform A, having two parallel runners in combination with the arms D D' and their blades *ee*, when the latter are inclined as described for the purpose specified.

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

A. H. GLOSE.

Witnesses:

CHARLES E. FOSTER,

W. J. R. DELANY.