

H. W. Williams,

Bed Bottom,

N^o 70,489.

Patented Nov. 5, 1867.

Fig. 1

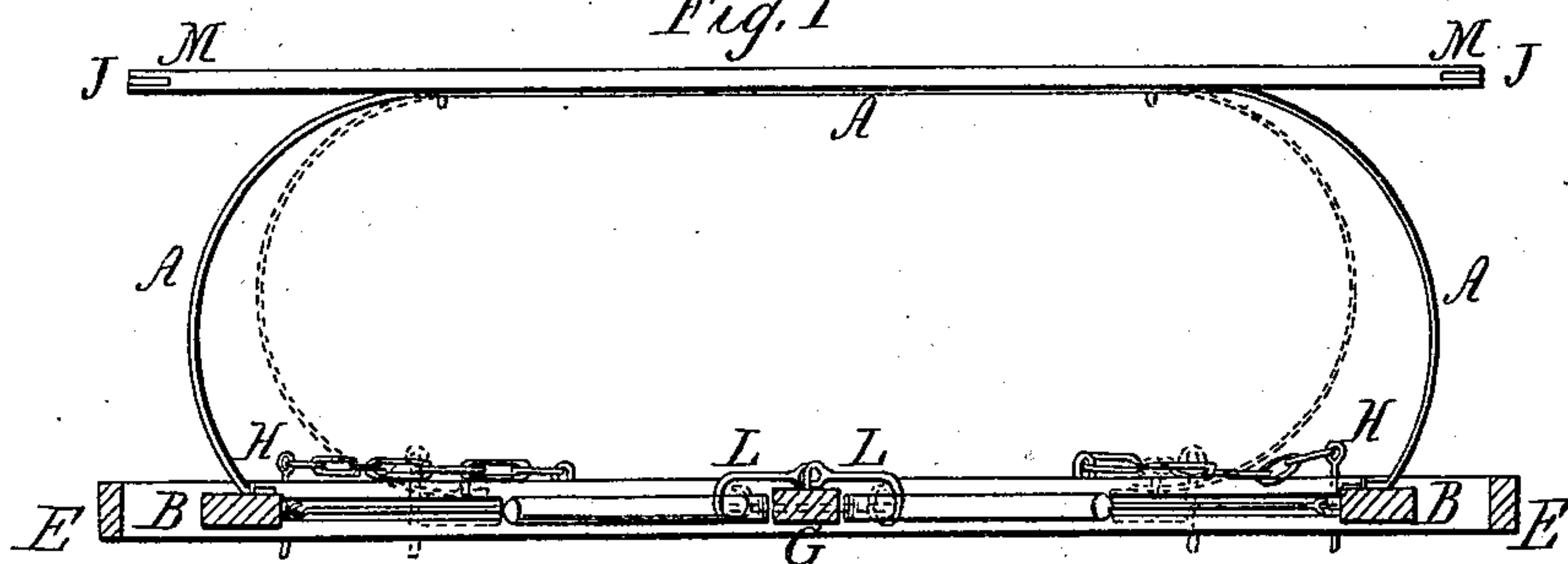


Fig. 2

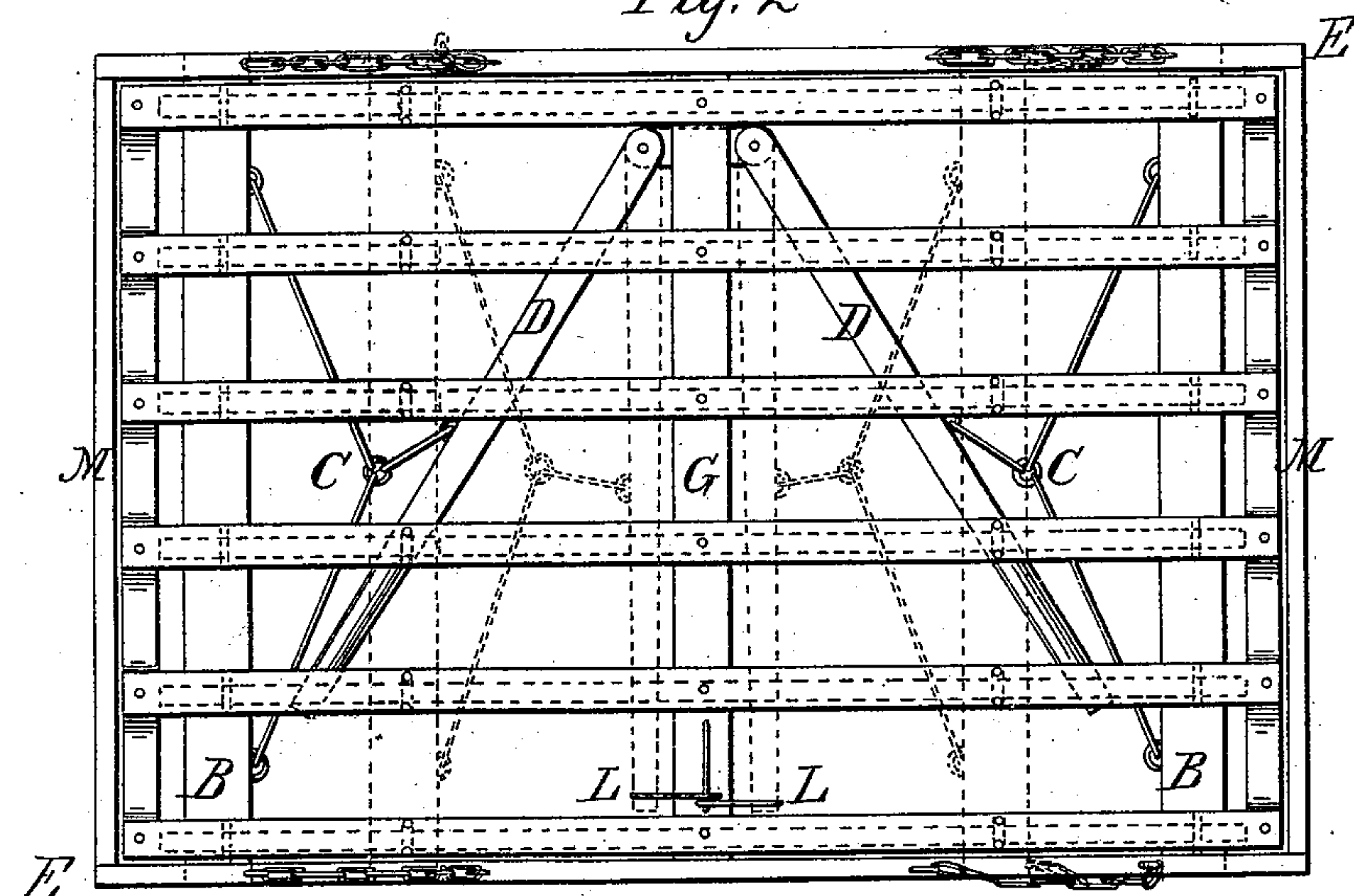
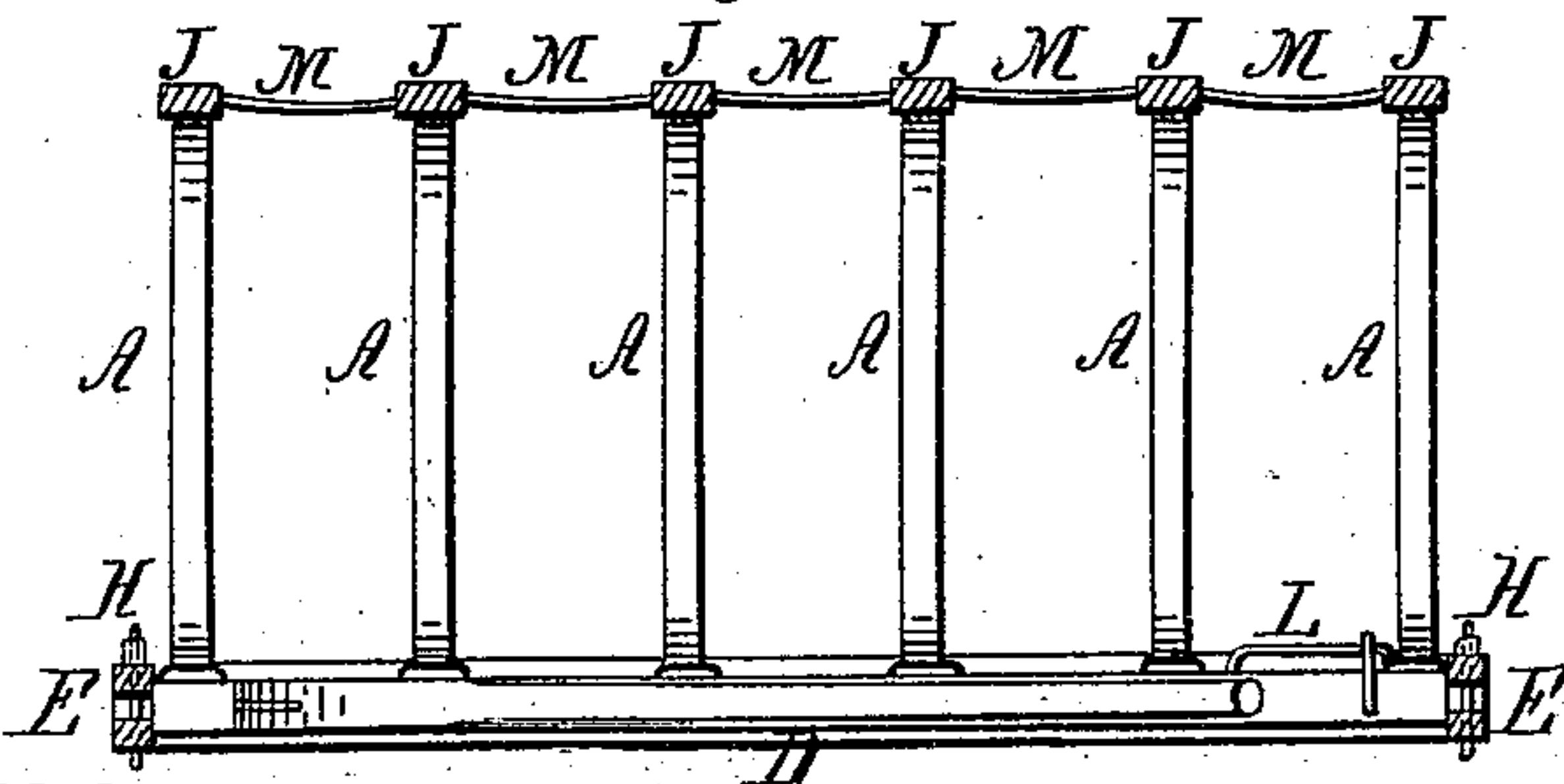


Fig. 3



Witnesses

J. H. Keigart,

C. A. Keigart

Inventor

H. W. Williams

By his Atty. J. H. Keigart.

United States Patent Office.

H. W. WILLIAMS, OF STOWE, VERMONT.

Letters Patent No. 70,489, dated November 5, 1867.

IMPROVED BED-BOTTOM.

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, H. W. WILLIAMS, of Stowe, Lamoille county, State of Vermont, have invented new and useful and improved Adjustable Spring-Bed; and I do hereby declare the following to be an exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification, in which—

Figure 1 represents a side view of the spring-bed.

Figure 2 a top view.

Figure 3 an end view.

The nature of my invention consists in the arrangement and construction of the flat steel springs, in combination with their sliding boards, connecting-rods, and horizontal levers.

A represents the flat steel springs, B their sliding boards, C the connecting-rods, and D the horizontal levers. E represents the lower square frame, that has a centre stationary brace and cross-piece G, and slots in each side in which the sliding boards B B are moved back or forward to regulate the tightening of the springs A, and are held to their places by a pin, H, that is dropped through apertures in the sides of the frame E. The springs A are made of flat steel, and are attached permanently by screws or bolts to the sliding-boards B, and are attached permanently to slats J at top, likewise by screws or bolts, the springs A extending along the lower side of each slat J, and the ends of springs A fastened to the sliding or adjustable boards B. The connecting-rods C are fastened to the boards B near the ends of the boards, and connect together at the centre of the horizontal levers D. The ends of the levers D are pivoted to the centre-brace G, and by drawing the handles of the levers toward the brace the sliding boards B B, with their springs A, are drawn toward the centre-brace G and tightened as required. The levers are then secured by the hooks L L, attached to the centre-brace G. The top slats J are braced at their ends by a leather strap, M.

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

The flat steel springs A, their sliding boards B, with connecting-rods C and horizontal levers D, when arranged and combined as herein described, and for the purposes set forth.

H. W. WILLIAMS.

Witnesses:

H. GUYER,

D. MOULTON.