

J. Johnson,

Bed Bottom,

N^o 66,849.

Patented July 16, 1867.

Fig. 1.

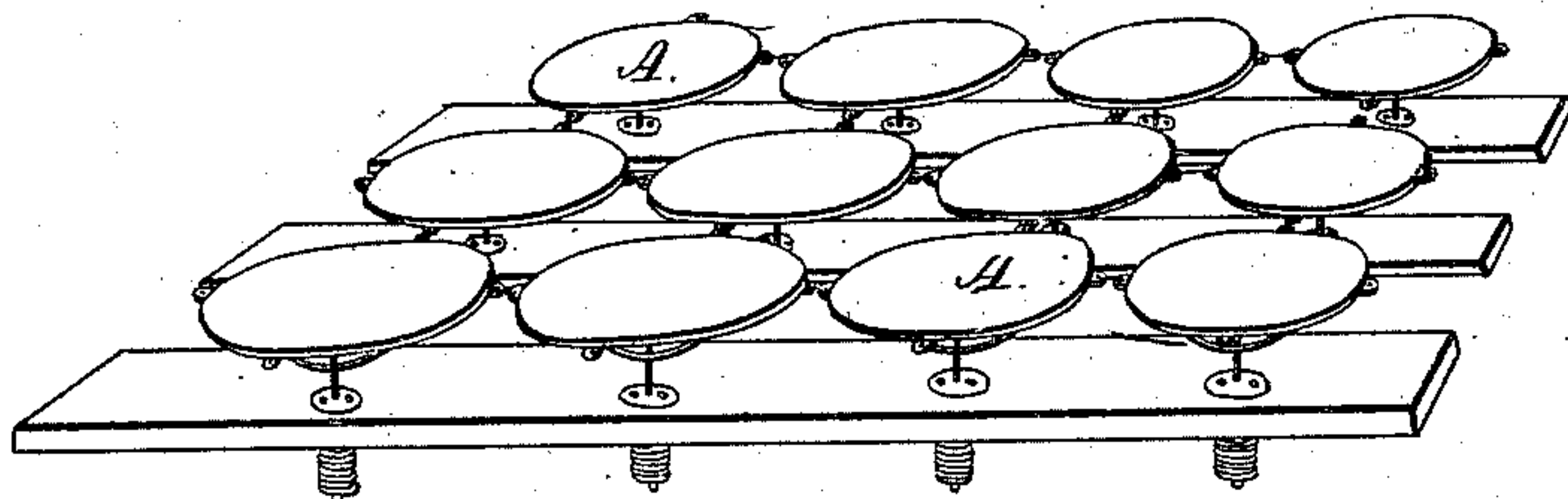


Fig. 2.

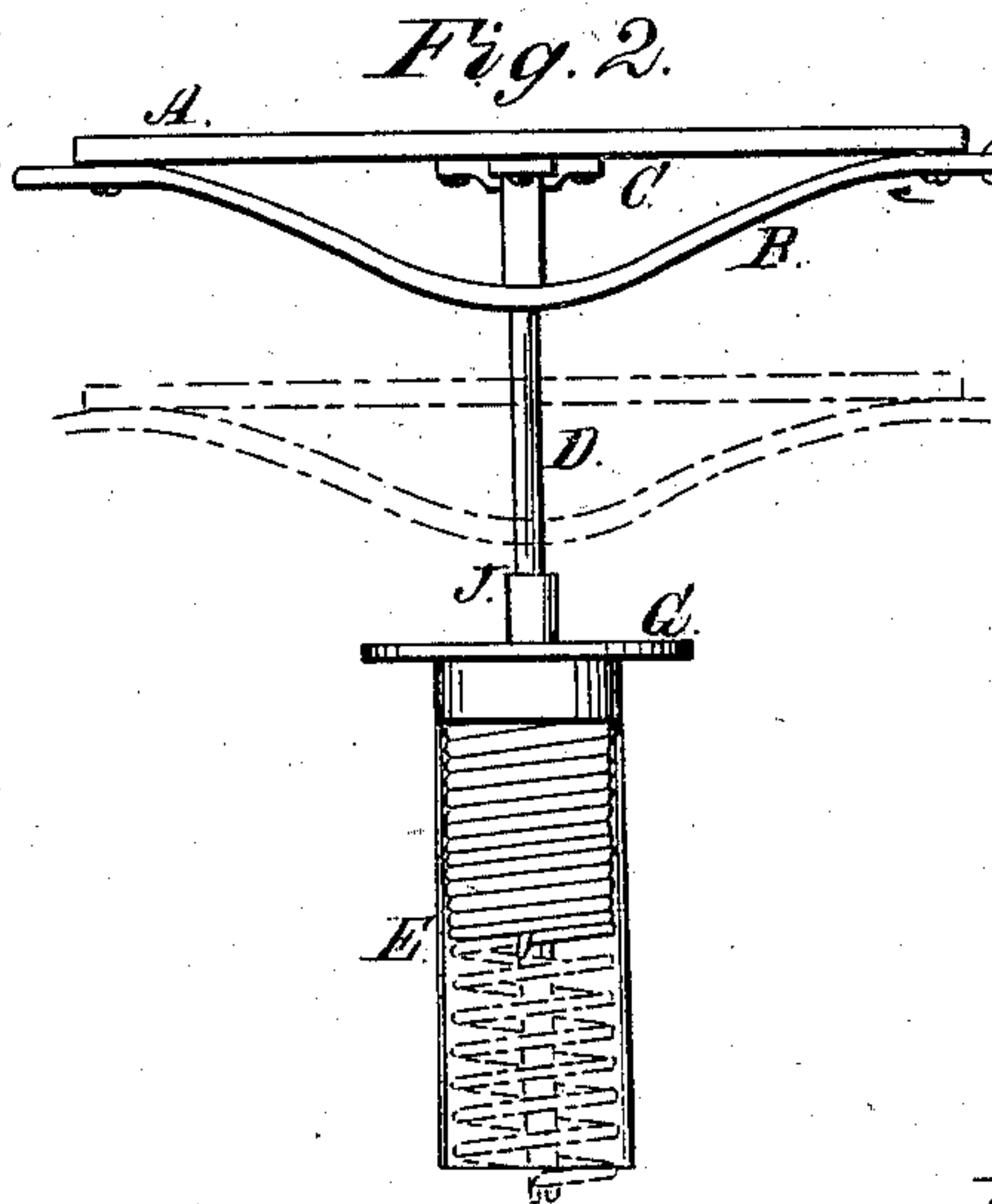


Fig. 3.

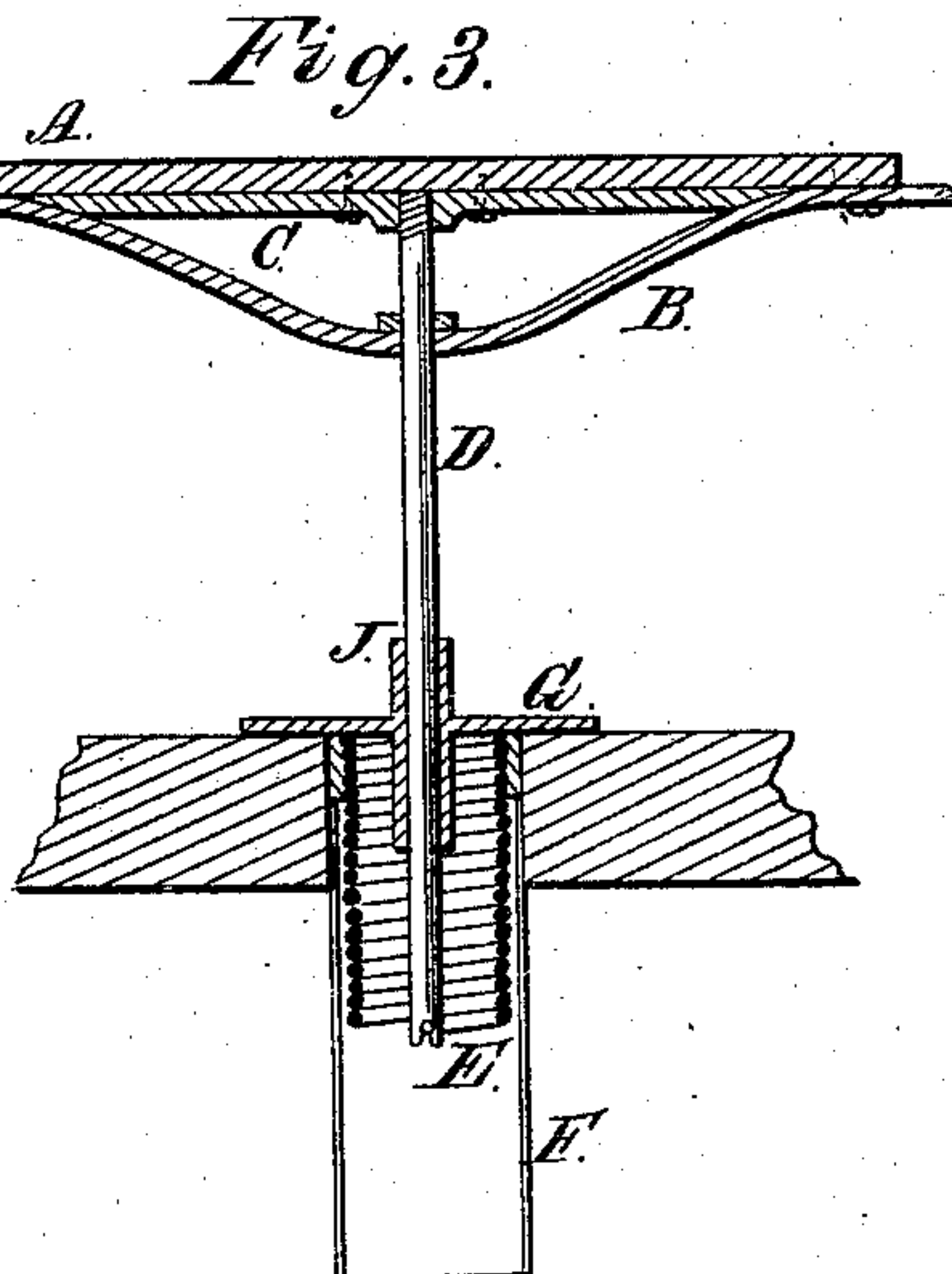
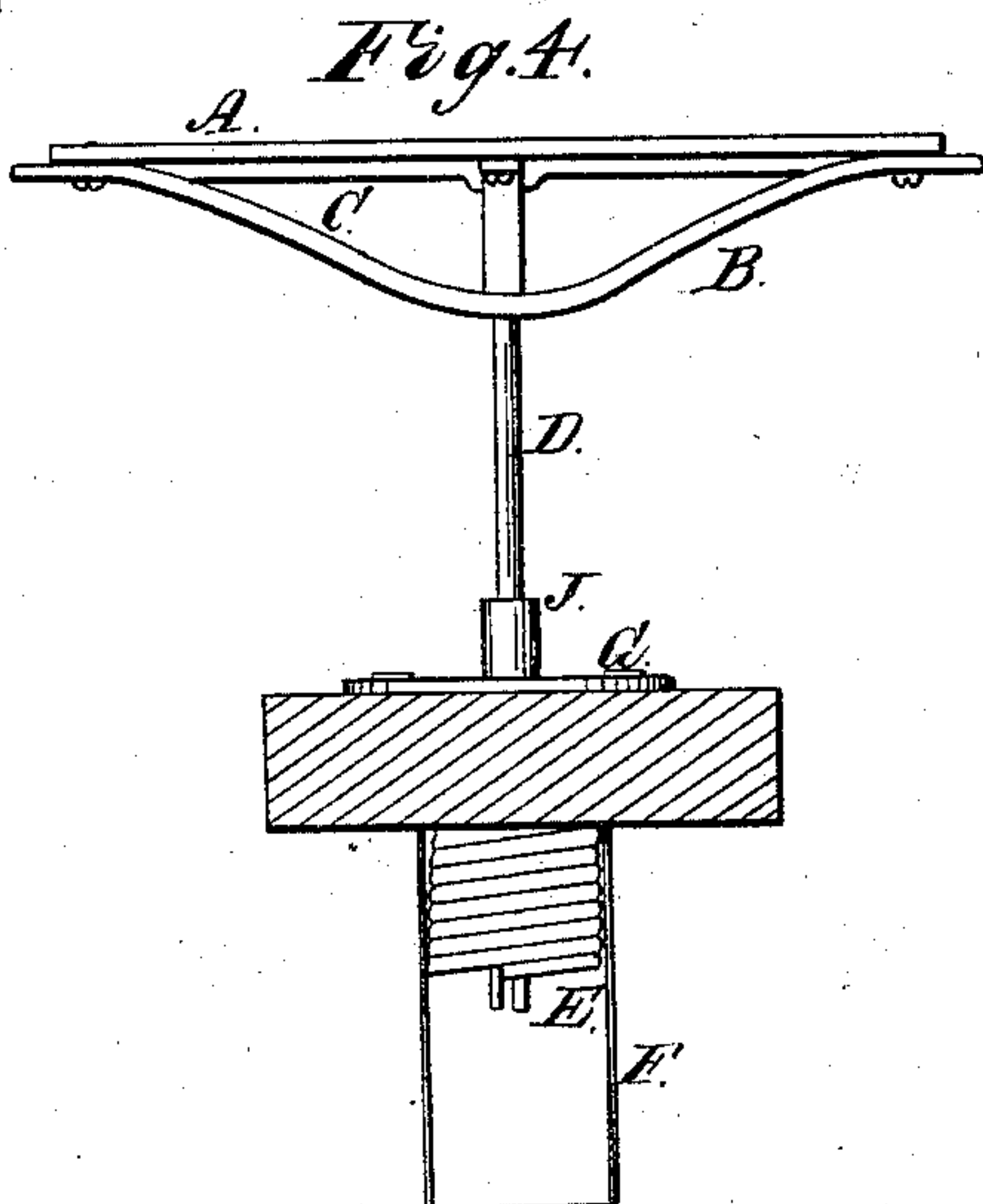


Fig. 4.



Witnesses.

Chas. A. Poole.

W. H. H. H. H.

Inventor:

Jas. Johnson

United States Patent Office.

JAMES JOHNSON, OF NORTHAMPTON COUNTY, NORTH CAROLINA.

Letters Patent No. 66,849, dated July 16, 1867.

IMPROVED SPRING FOR BED-BOTTOMS.

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, JAMES JOHNSON, of Northampton county, State of North Carolina, have invented new and useful improvement in Springs for Bedsteads, Mattresses, Sofas, &c., of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1 represents a top view of the bed-spring and slats.

Figures 2 and 3 are sectional views.

Figure 4, a perspective view as attached to slats.

The nature of my invention consists in the braces and supports under the top circular boards, that give additional strength and steadiness to the supporting-rod, and the manner of attaching the rods to the circular tops. Also the tube with its cap and spiral spring to brace and secure the vertical action of the rod when weight is suddenly placed upon the top; the tube being fastened to the slats or bed-strips.

The following is a description of the invention, viz: A circular board or small table, A, with two curved braces B B underneath and crossing each other at right angles, two of the braces B are united at the top by a straight cross-piece, C, uniting the two ends, and on which the circular top A rests, the whole being fastened near the circumference of the top on its lower side by screws. In the centre of the connection of the two curved braces B a hole is made, through which the supporting-rod D, attached to the lower end of the spring E, passes and screws into the centre of the straight cross-support C on the bottom of the circular top A. A tube, F, with a circular cap, G, and extension-rim, contains the spiral spring E. In the centre of the cap G is a pipe, J, that is a guide and support for the vertical rod D, as it operates on the spiral spring E, the rod D being attached and fastened to the lower end of the spiral spring E. The tops or tables A are connected and fastened together by links K, attached to the ends of the braces C and B.

It will be observed that the spring, as above described, is adapted to bedsteads and spring-mattresses, sofas, chairs, railroad seats, railroad sleeping-cars, indeed to any seat or bed where a spring is desired, and so strengthened and supported as to be with difficulty disarranged or put out of order.

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

The arrangement and combination of the circular top A, links K, braces B and C, with the vertical rod D, and spring E, operating in the tube F, as herein described and for the purpose set forth.

Witnesses:

J. FRANKLIN REIGART,

JOHN S. HOLLINGSHEAD.

JAS. JOHNSON.