

Hewitt & Lynch, Furniture Caster.

N^o 79,571.

Patented July 7. 1868.

Fig: 1.

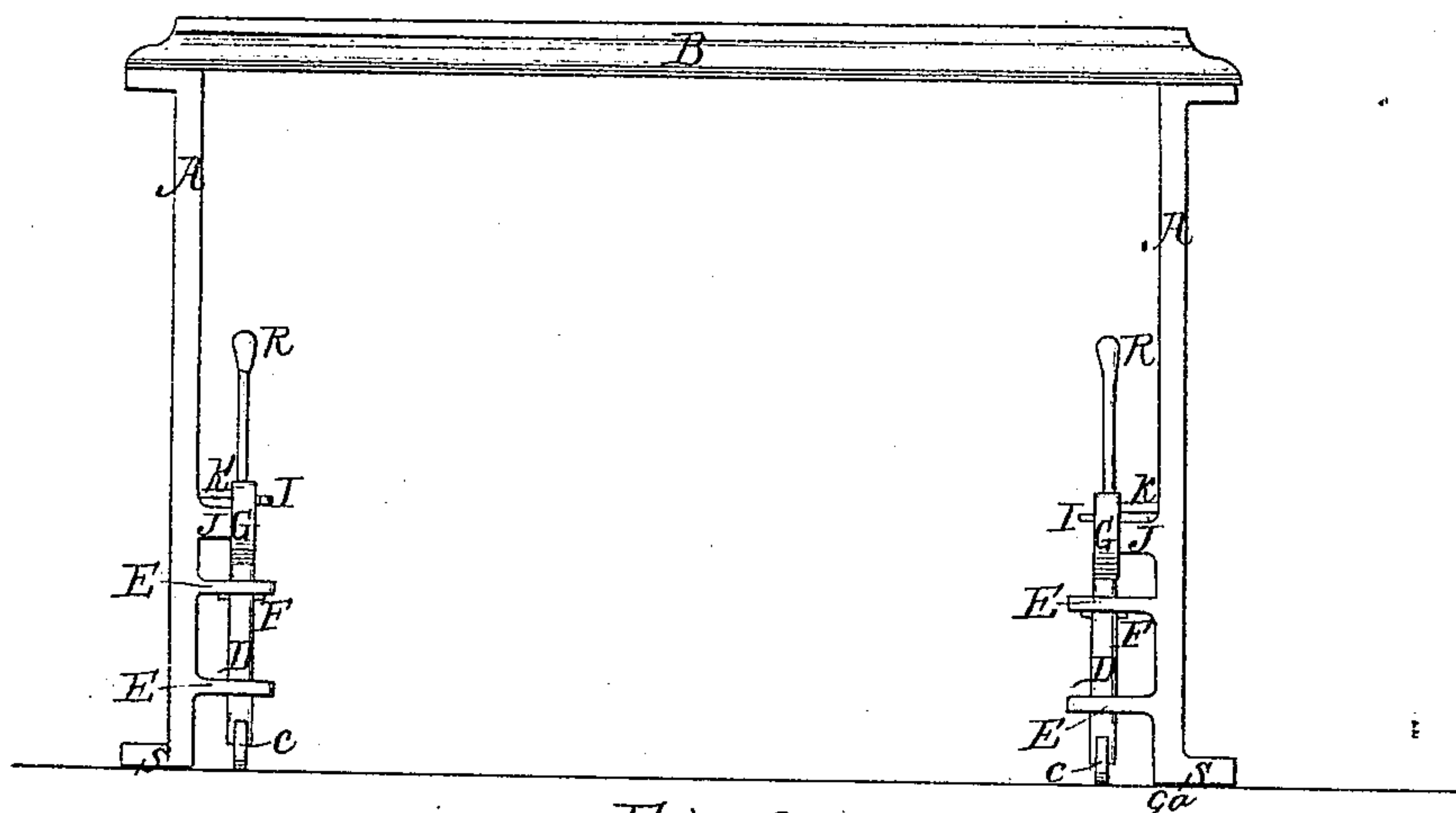


Fig: 2.

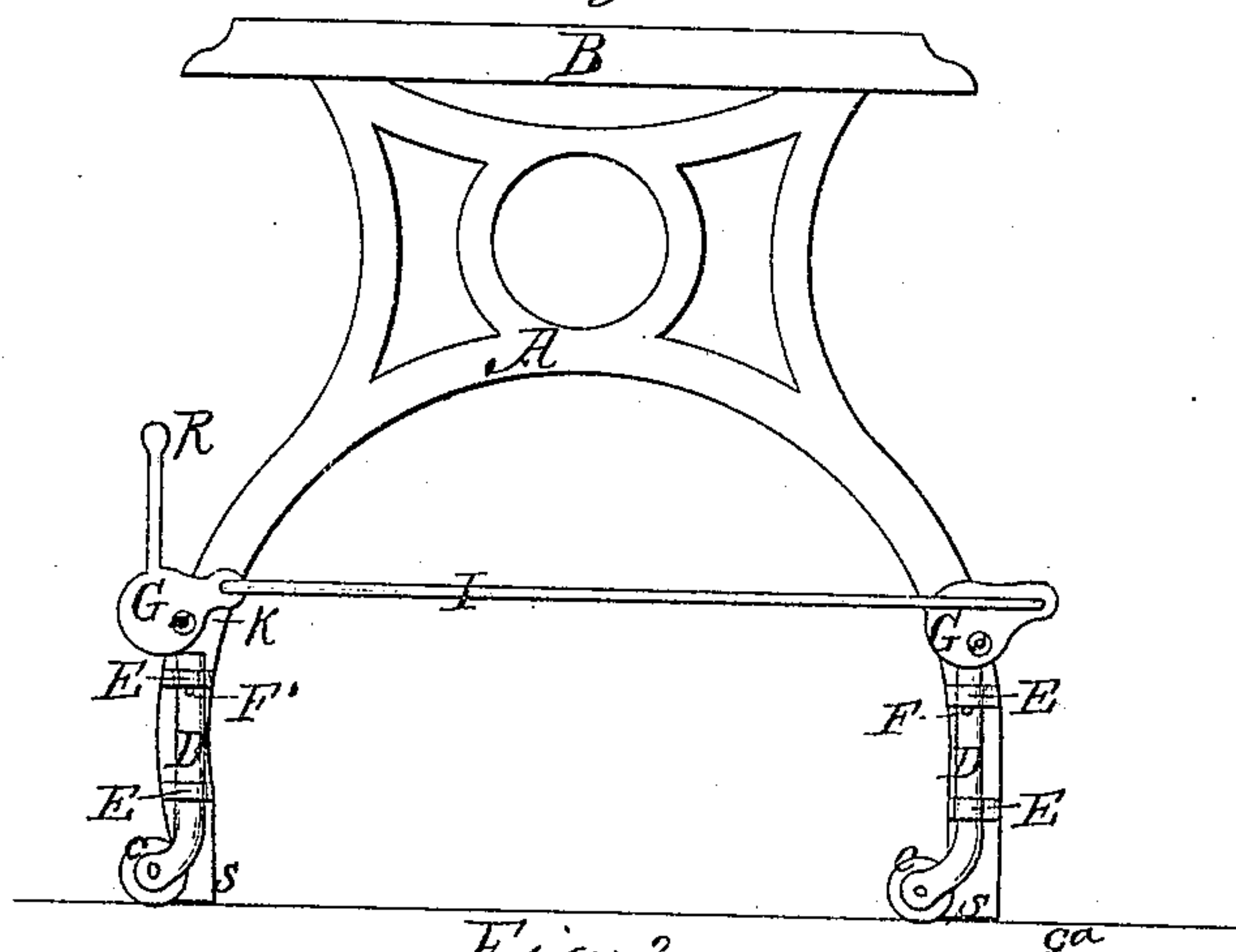
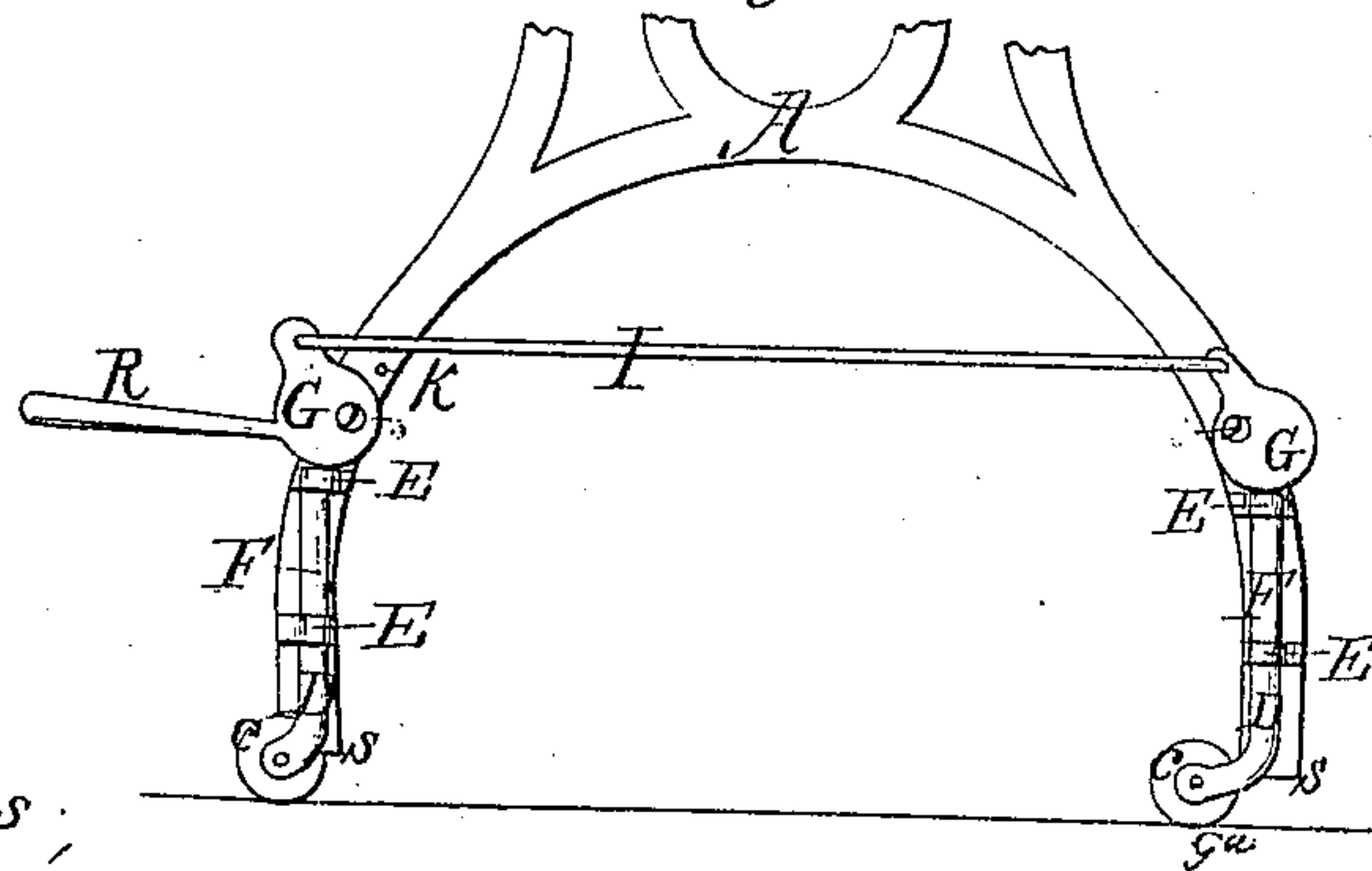


Fig: 3



Witnesses:
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JOHN W. HEWITT AND GEORGE R. LYNCH, OF ALLEGHENY CITY, PENN-
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Letters Patent No. 79,571, dated July 7, 1868.

IMPROVED FURNITURE-CASTER.

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

TO ALL WHOM IT MAY CONCERN:

Be it known that we, JOHN W. HEWITT and GEORGE R. LYNCH, of the city and county of Allegheny, and State of Pennsylvania, have invented certain new and useful Improvements in Adjustable Casters for Furniture, Sewing-Machines, &c., of which the following is a full, clear, and exact description, reference being had to the accompanying drawings which make part of this specification, and in which—

Figure 1 represents a side view of the table of a sewing-machine with our improvement attached.

Figure 2 an end view of the same, showing the feet of the frame resting on the floor, and

Figure 3 a similar view, in which the feet of the frame are shown as elevated from the floor, and the caster-wheels resting thereon.

The object of our invention is to provide a device by which furniture, sewing-machines, &c., can be set solid on the floor, or placed at pleasure upon casters, so as to be easily moved about, to which end our improvements consist in mounting the caster-wheels in the lower ends of elongated vertical supports, passing through fixed guides attached to the legs of the frame, which are raised from the floor when desired, by cams pivoted upon them, and operated by levers and connecting-links, so as to press upon the tops of the caster-wheel supports, and thereby raise the frame from the floor, as hereinafter more fully described.

In the accompanying drawings, which show a convenient arrangement of parts for carrying out the objects of our invention, B represents the table of a sewing-machine, which is supported by a frame or frames, A, provided with legs S, to each of which a caster-wheel is connected. C C represent the caster-wheels, which are mounted in suitable bearings in the lower ends of the elongated vertical supports D. These supports pass through fixed guides E upon the legs of the frame, the guides being either cast thereon or attached by bolts or screws, as may be preferred. An eccentric-cam, G, is pivoted upon each leg of the frame above the caster-wheel support D. At each end of the table, the two cams which are pivoted to its legs are connected by a link or rod, I, and one cam of each pair is provided with a lever, by means of which the two cams are rotated. The cams G are made with sufficient throw to elevate the frame as far as may be necessary from the floor, and rotate upon bearings J upon the legs S, having their peripheries resting upon the tops of the supports D, and being set in such relative position thereto, that when rotated by moving the levers R downward, their full part or swell presses upon the tops of the support, and thereby raises the frame from the floor, causing it to rest upon the caster-wheels C, through the intermediation of the supports D and cams G. By raising the levers R the full part of the cams is withdrawn from the supports D, and the legs S lowered so as to rest solid upon the floor. The stop-pins K prevent the further motions of the cams, when the legs have been lowered so as to rest firmly upon the floor.

It will be seen that our improvement is readily applicable to articles of furniture, billiard-tables, sewing-machines, &c., enabling the same to be easily moved or set firmly in position, as desired.

Having thus fully described our invention, what we claim therein as new, and desire to secure by Letters Patent, is—

The combination of the eccentric-cams G and connecting-links I with the supports D, guides E, wheels C, and frame-legs S, when arranged and operating as and for the purpose set forth.

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Witnesses:

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