

(No Model.)

T. G. MAGUIRE.

Foot Rest.

No. 238,600.

Patented March 8, 1881.

Fig:1.

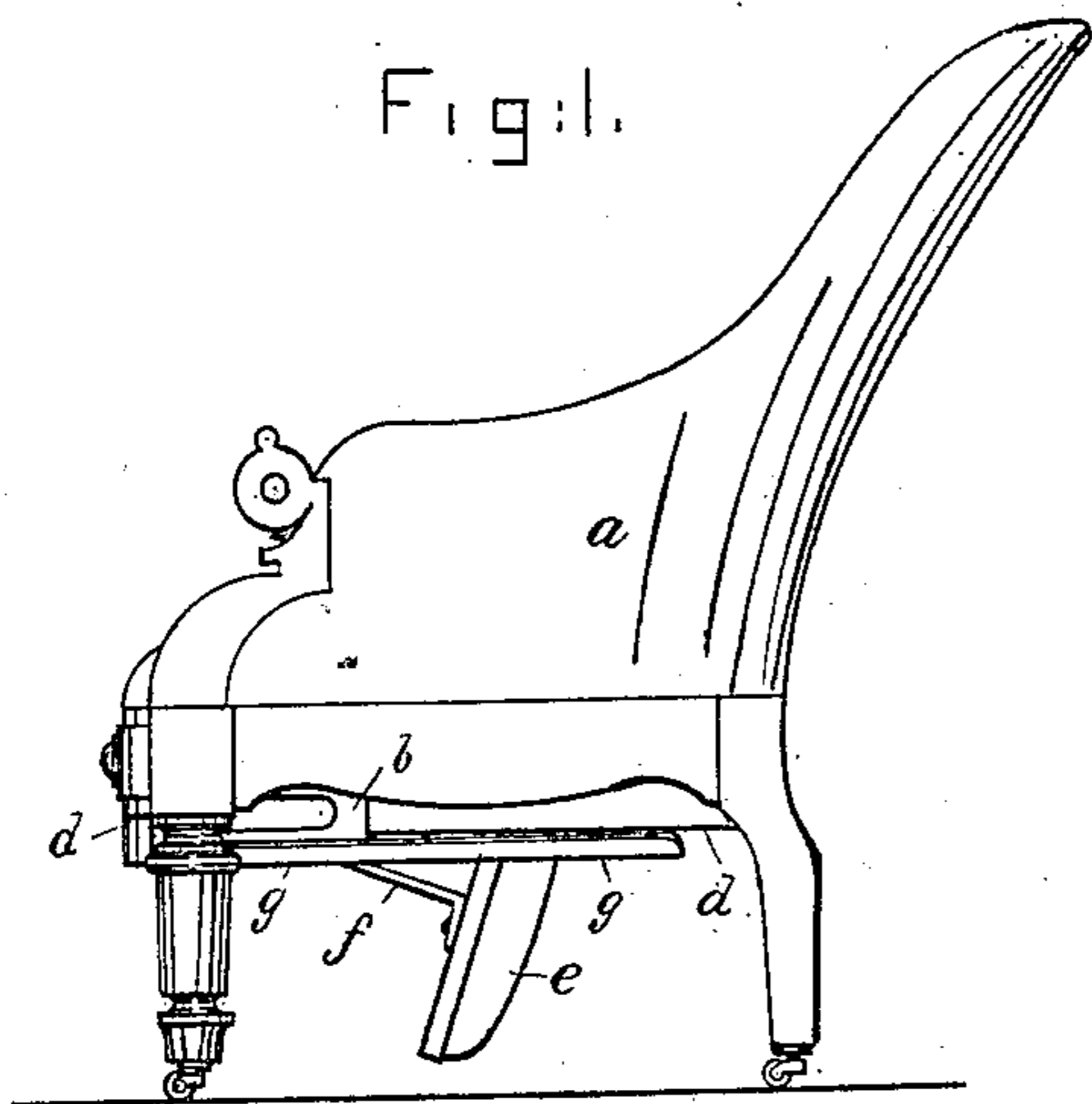


Fig:2.

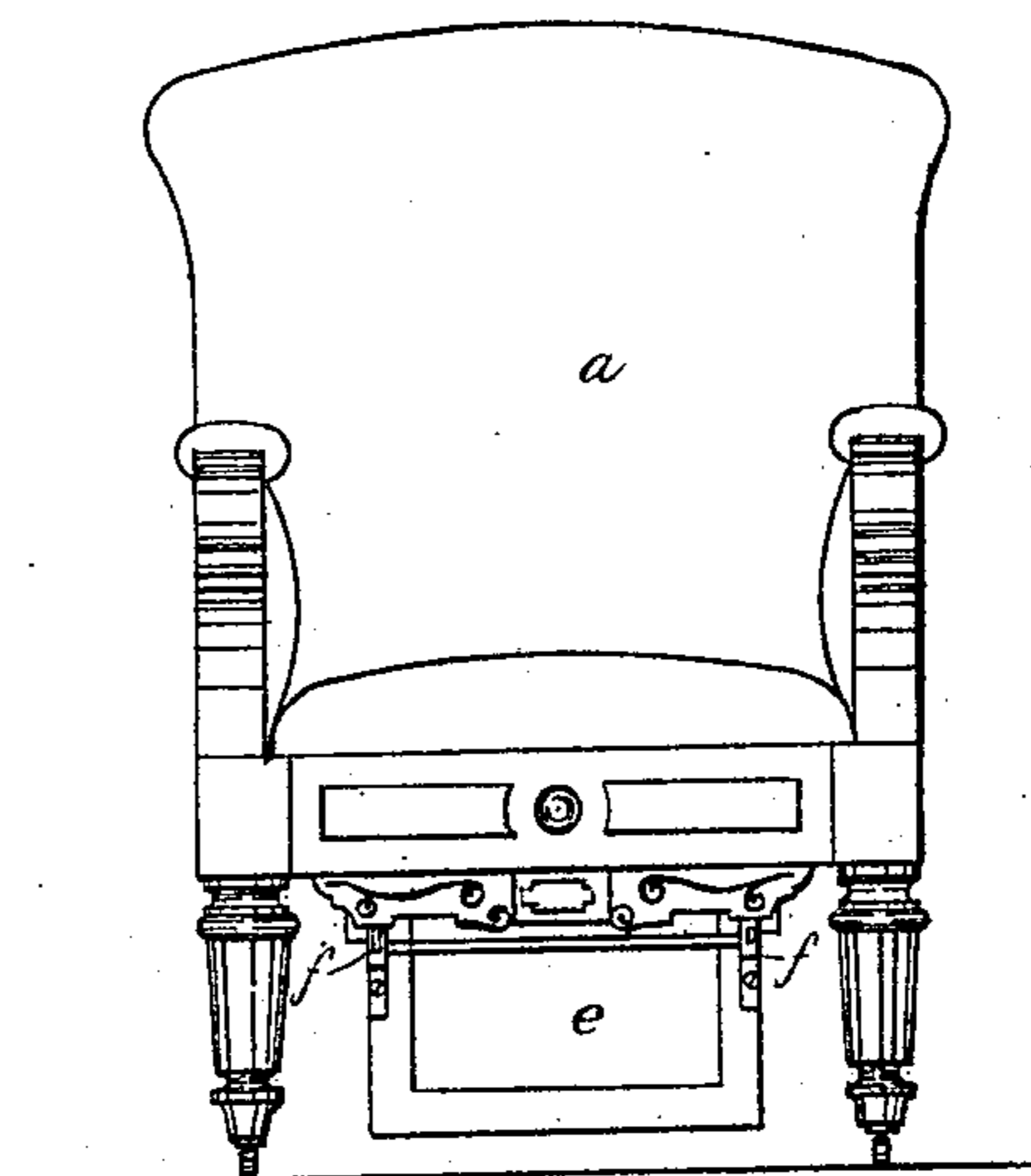


Fig:3.

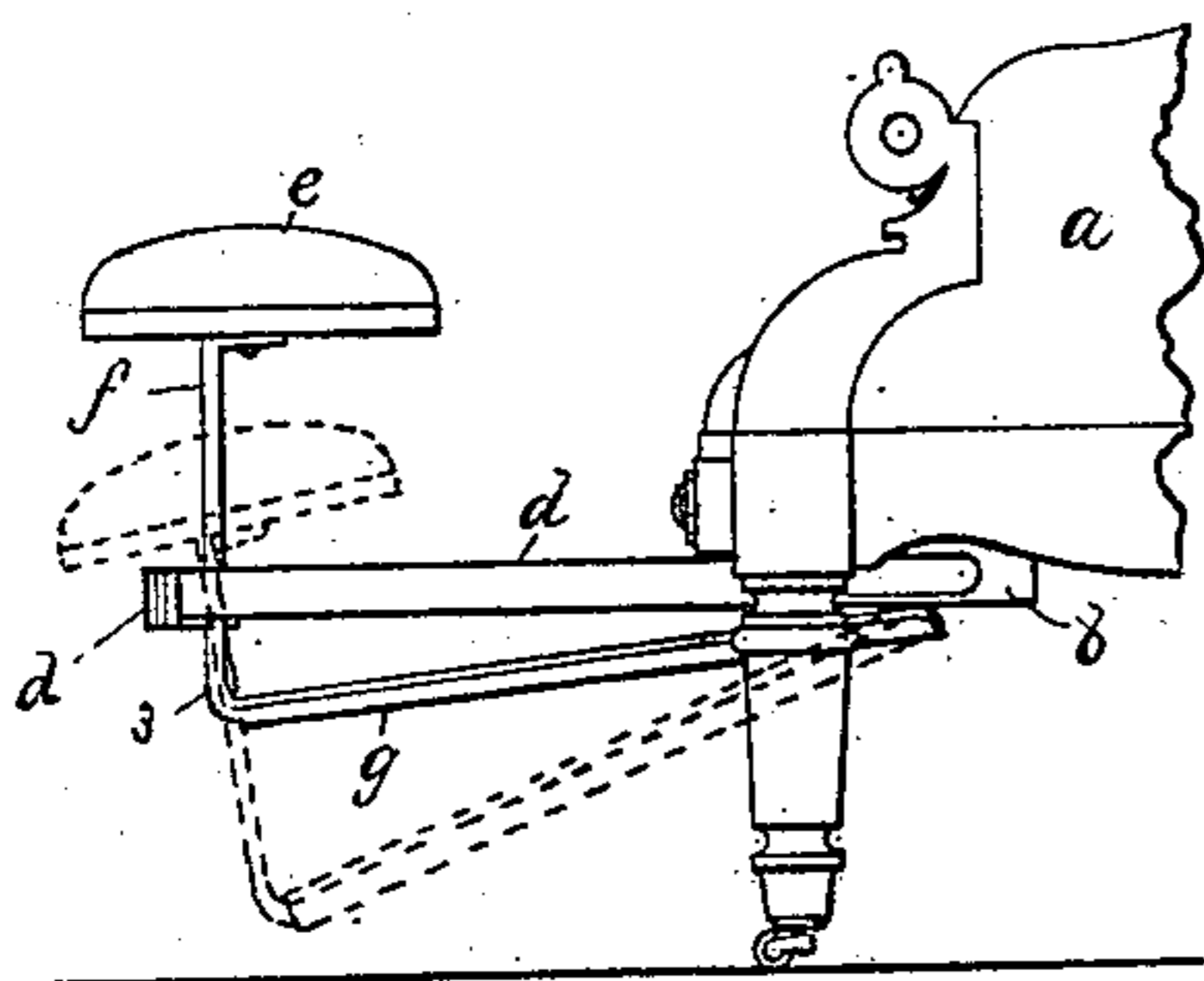


Fig:4.

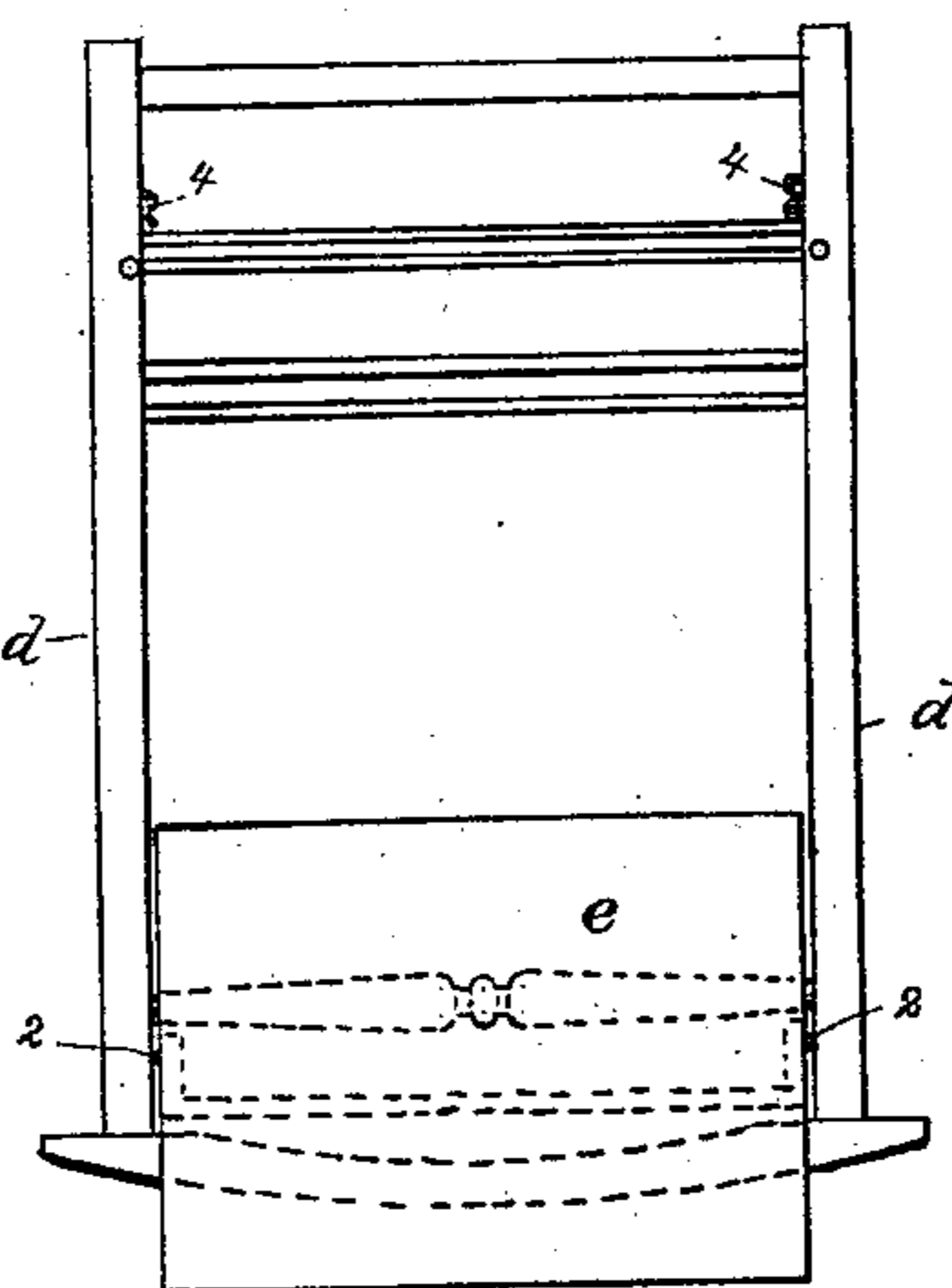


Fig:5.

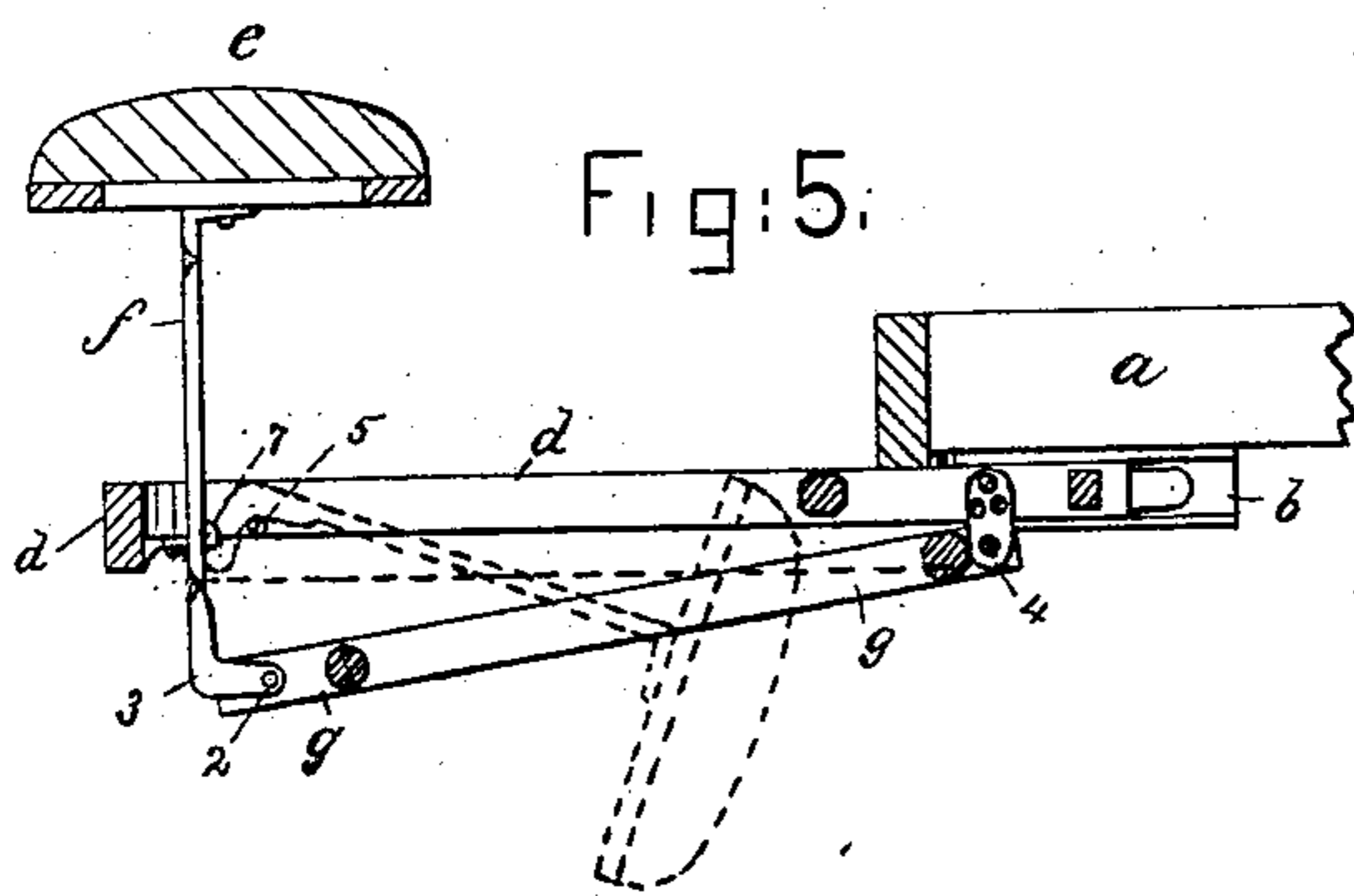
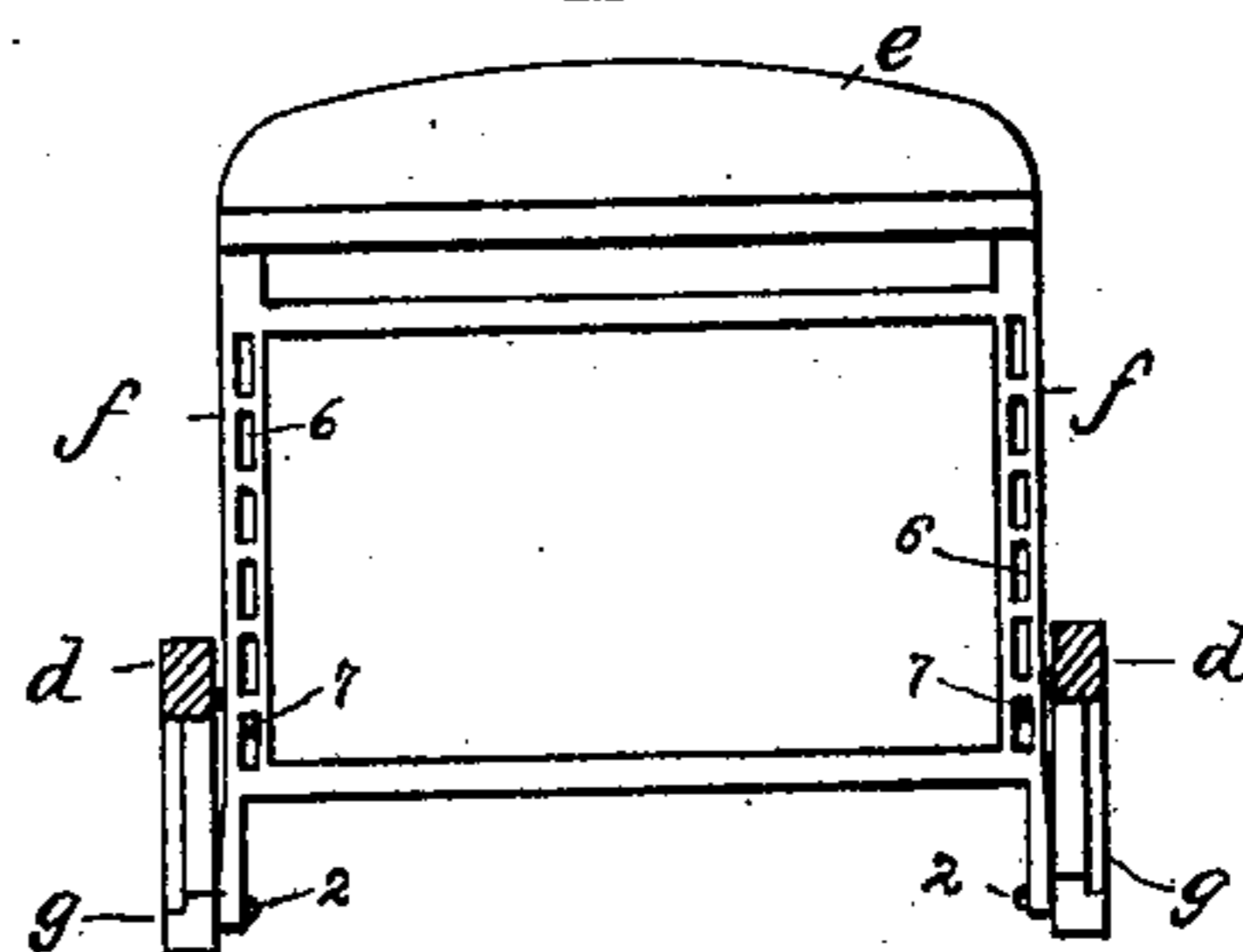


Fig:6.



WITNESSES -

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UNITED STATES PATENT OFFICE.

TERRANCE G. MAGUIRE, OF BOSTON, MASSACHUSETTS.

FOOT-REST.

SPECIFICATION forming part of Letters Patent No. 238,600, dated March 8, 1881.

Application filed September 4, 1880. (No model.)

To all whom it may concern:

Be it known that I, TERRANCE G. MAGUIRE, of Boston, county of Suffolk, and State of Massachusetts, have invented an Improvement in Foot-Rests for Chairs, of which the following description, with the accompanying drawings, is a specification.

My invention relates to foot-rests for chairs, and has for its object to produce a foot-rest of simple construction and neat appearance, which may be adjusted as to height when in use, and which can be folded away underneath the chair when not in use.

The foot-rest is carried by a rectangular frame adapted to slide in suitable guideways under the seat of the chair. A secondary frame is hinged to the sliding frame at its rear end, and has pivoted to it at its front end a light frame-work supporting the cushioned foot-rest. When not in use the latter or rest-supporting frame is turned back, passing through the sliding frame, and the secondary or hinged frame is drawn up parallel to the sliding frame, which may then be pushed beneath or drawn out from the chair.

When desired to use the rest the sliding frame is drawn forward in front of the chair-seat, and the cushioned rest, with its supporting-frame, is swung up until the latter extends nearly vertically upward from the hinged frame, it being then in its highest position. It may now be moved downward, the hinged frame turning on its hinges to allow such movement until it is at the desired height, where it may be held by causing it to properly engage the sliding frame.

The rest-supporting frame is shown as provided with a series of openings adapted to engage suitable hooks on the sliding frame, different openings coming into engagement with the said hooks at each different height of the foot-rest. The pivoted point of the hinged frame on the sliding frame, and that of the rest-supporting frame on the hinged frame, are in such relation to the said hooks that the cushioned surface of the foot-rest assumes a proper angular position for each height.

Figure 1 is a side elevation of a chair provided with a foot-rest constructed in accordance with my invention, the said foot-rest being shown as folded away beneath the chair and not in use. Fig. 2 is a front elevation

thereof; Fig. 3, a side elevation of the foot-rest in position for use, it being shown at one height in full lines and at its lowest position in dotted lines. Fig. 4 is a top view of the foot-rest and supporting-frame detached from the chair; Fig. 5, a longitudinal section thereof, the foot-rest being shown in dotted lines folded back in position to pass under the chair-seat; and Fig. 6, a front elevation thereof, part of the sliding frame being removed.

The chair *a* is provided with guides *b* underneath the seat, to receive the sliding frame *d*, carrying the foot-rest, supported at one end of a light frame, *f*, pivoted at its other end, at 2, to a frame, *g*, hinged at 4 to the sliding frame *d*, near its rear end. The foot-rest *e* and its supporting-frame *f* are of proper size to pass between the main side bars of the sliding frame *d*, and when not in use is turned back on its pivots 2 until it drops below the level of the frame *d*, so that the said frame can freely slide in or out underneath the chair-seat. The frame *f* is bent or offset, as shown at 3, and when turned back through the frame *d* rests supported on a pin, 5, in the frame *d*, the hinged frame *g* being then drawn up close to and resting against the sliding frame *d*, as shown in dotted lines, Fig. 5. When pushed beneath the chair the front of the sliding frame *d* corresponds in design with, and appears to form a part of, the front frame-work of the chair, and the combined chair and foot-rest are very compact and neat in appearance.

The rest-supporting frame (shown as of cast-iron) is provided with a series of openings, 6, at different distances from the rest *e*, and each adapted to be engaged by a projection or hook, 7, on the sliding frame *d*. When the sliding frame is drawn out from under the chair the rest *e* and its frame *f* are turned upward and forward on the pivot 2 till the said frame *f* is brought to a nearly vertical position, when it may be moved downward to bring the rest *e* at the desired height, the hinged frame *g* swinging downward on its hinge 4 to admit of such movement. When at the desired height the rest-supporting frame *f* is moved forward to bring the hole 6, then opposite the hook 7, into engagement therewith, to thus retain the rest *e* in the desired position.

It will be seen that, owing to the relative position of pivots 2 and 4 of the frames *f* and *g* and

the point of engagement 7 with the frame *f*, the rest *e* assumes at each different height a different angular position in proper relation to the seat of the chair for the comfort of the occupant, the function of the hinged frame *g* being merely to properly guide and steady the rest-supporting frame *f*.

If desired, the rest *e* might be hinged upon the frame *f* so as to fold up parallel therewith, in which case the stop-pin 5 would be properly placed on the frame *d* to hold it parallel therewith, and when folded and slid back under the chair the rest *e* would not show below the seat thereof, as shown in Figs. 1 and 2.

I claim—

1. The combination of a sliding frame, *d*, a rest, *e*, and its supporting-frame *f*, and a secondary frame, *g*, hinged upon the said sliding frame near its rear end, and carrying upon pivots at its front end the said rest-supporting frame, whereby the rest is rendered adjustable as to height, inclination, and distance from the chair, substantially as described.

2. In a foot-rest for chairs, a sliding frame,

d, and secondary frame, *g*, hinged thereto, and a rest and rest-supporting frame, *f*, pivoted to the said secondary frame, combined with a stop, 5, on the said sliding frame, to engage and hold the said rest-supporting frame when folded back in proper position to slide freely beneath the chair-seat, substantially as described.

3. In a foot-rest for chairs, the sliding frame and secondary frame hinged thereto, and the rest and rest-supporting frame pivoted to and guided and steadied by the said secondary frame, combined with a hook, 7, on the said sliding frame, to engage notches in the said rest-supporting frame at any desired distance from the rest, to thereby retain said rest at any desired height, substantially as described.

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

TERRANCE G. MAGUIRE.

Witnesses:

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W. H. SIGSTON.