

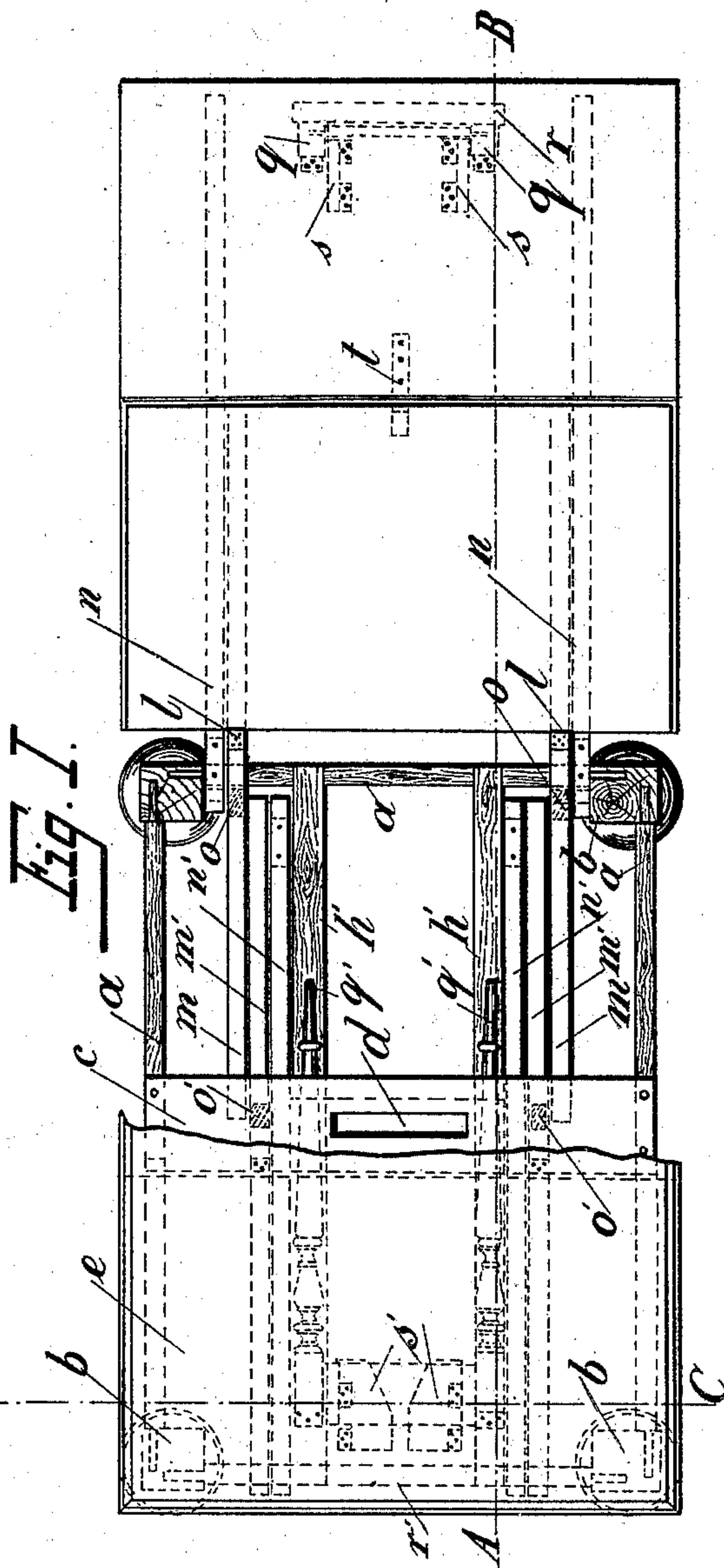
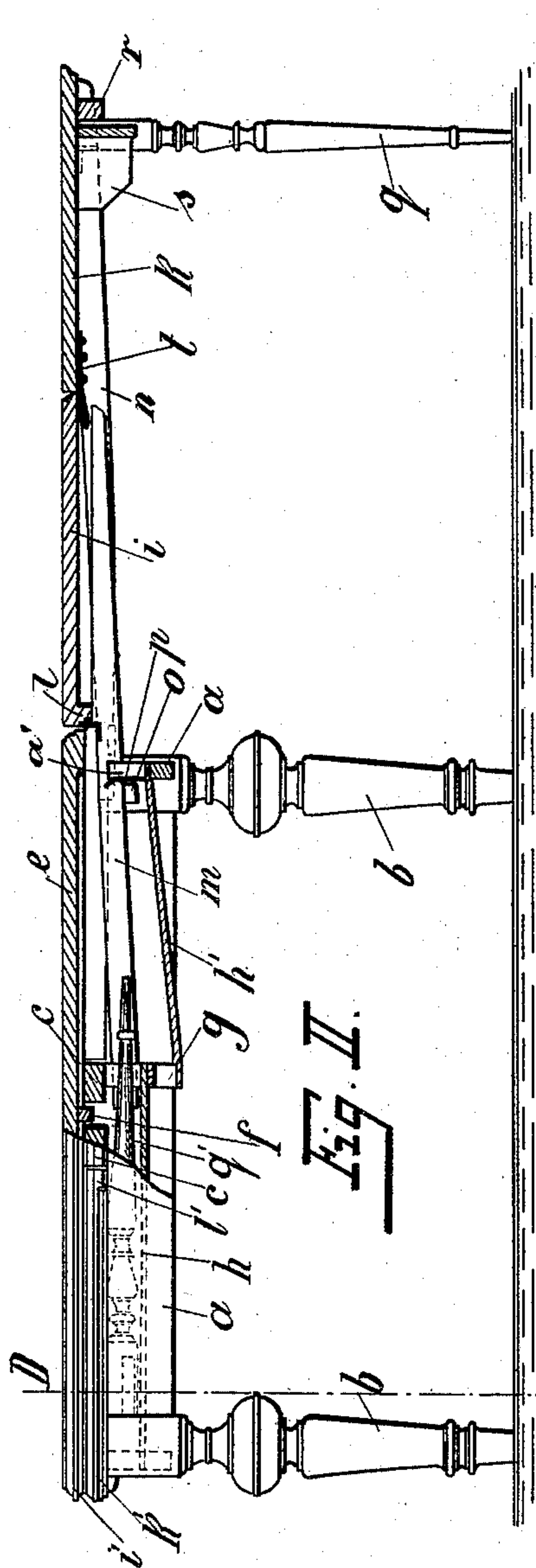
(No Model.)

2 Sheets—Sheet 1.

J. F. WIGGERS.
EXTENSION TABLE.

No. 488,465.

Patented Dec. 20, 1892.



Witnesses
C. Sedgwick
E. M. Clarke

Inventor
by J. F. Wiggers
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Attorneys.

(No Model.)

2 Sheets—Sheet 2.

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Fig. III.

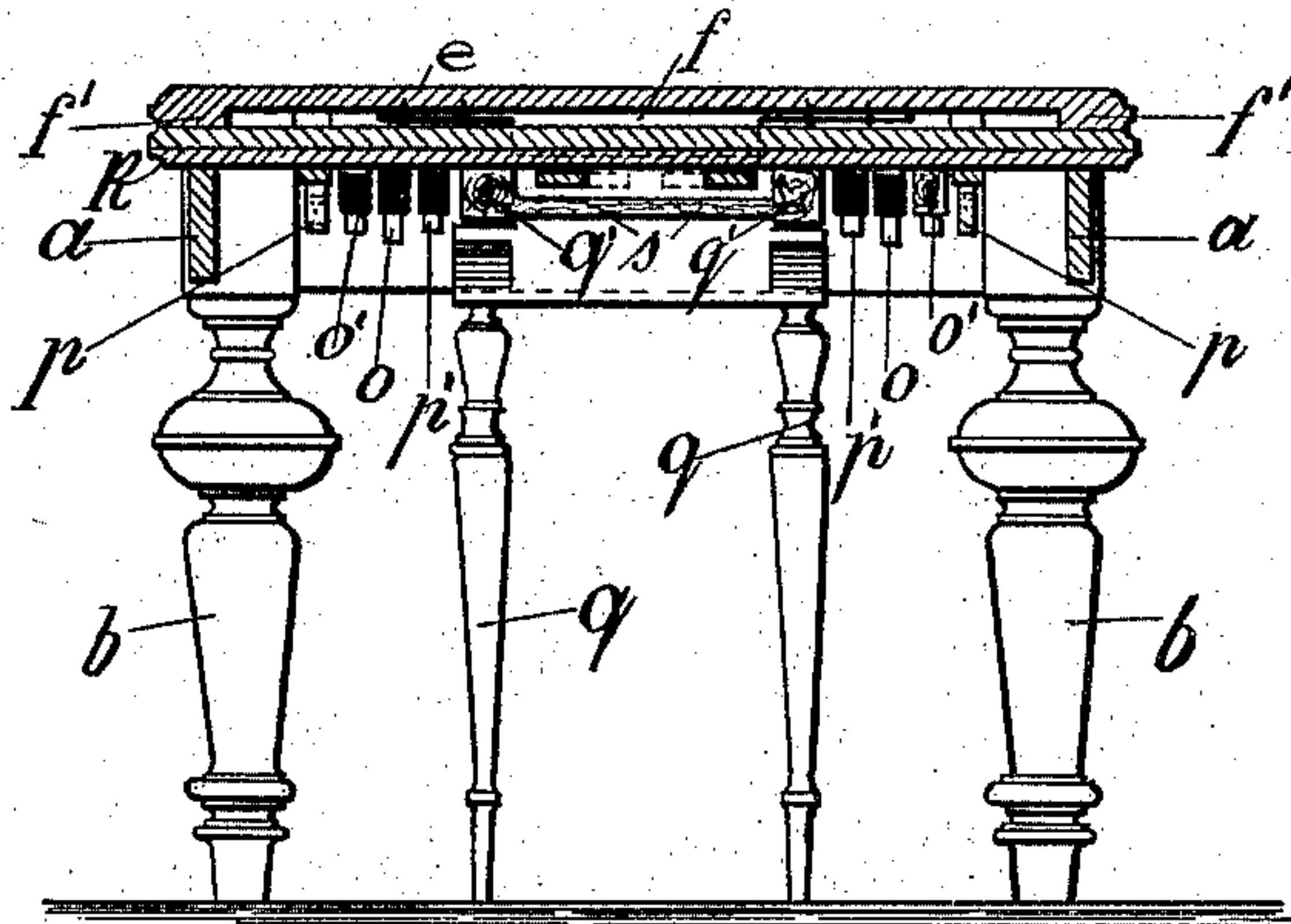


Fig. II.

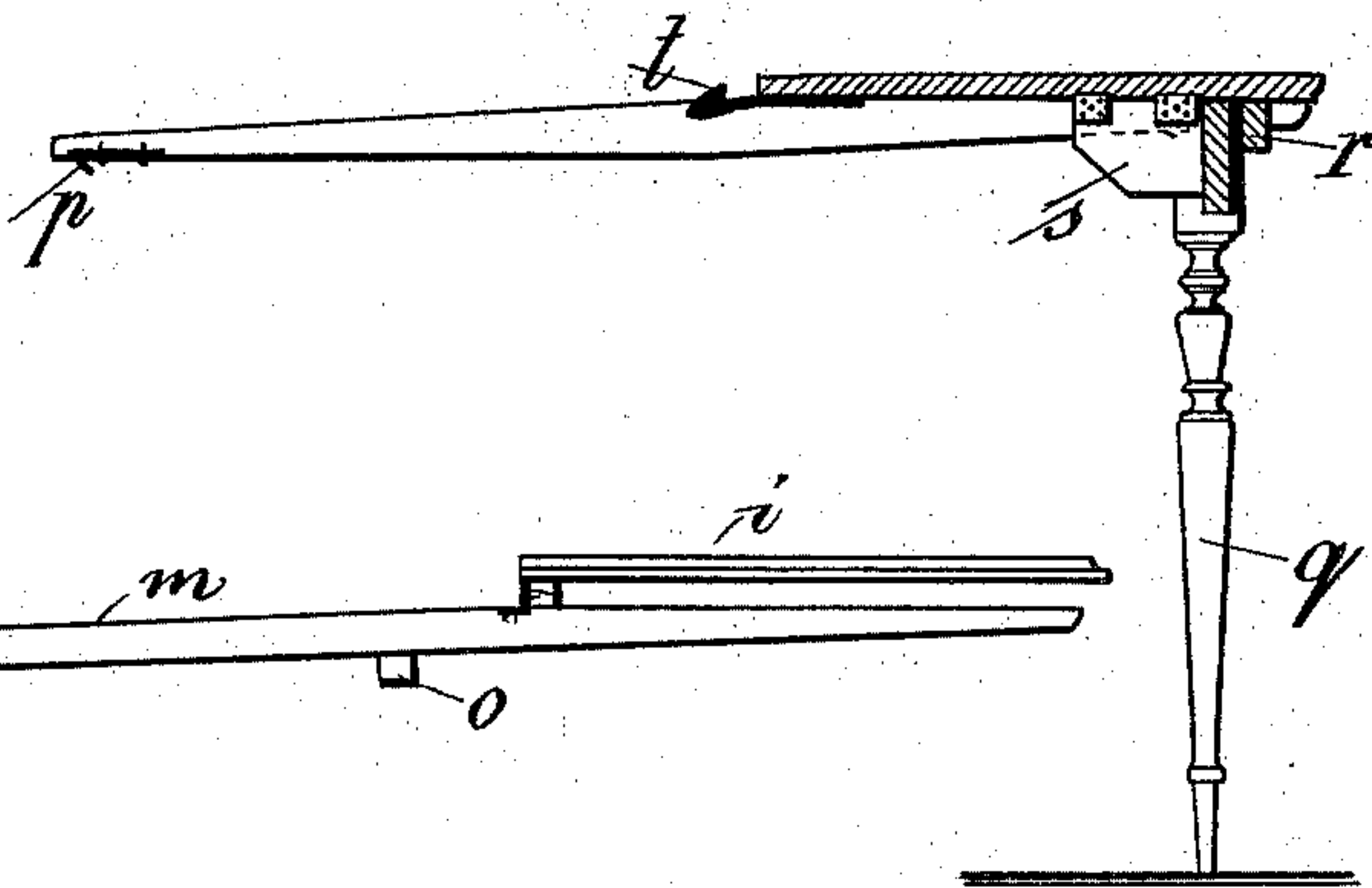


Fig. I.

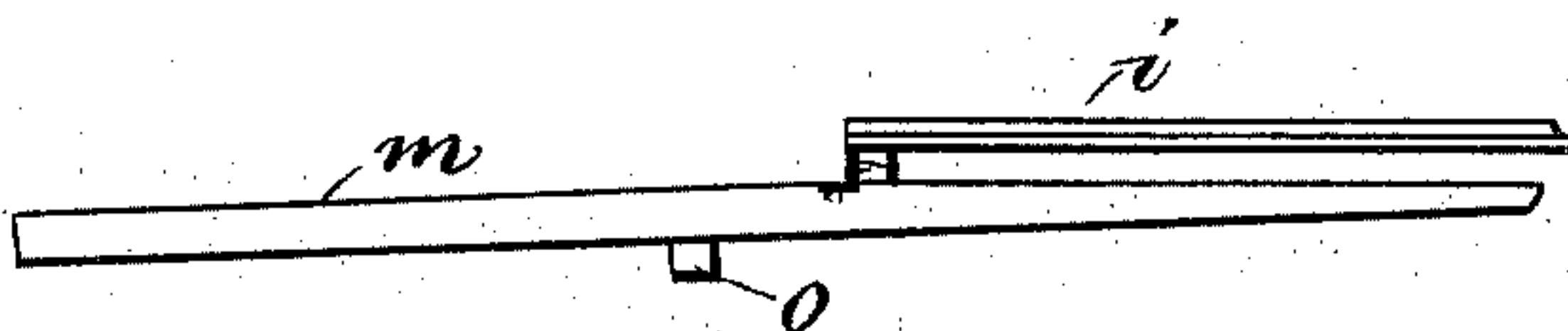


Fig. IV.

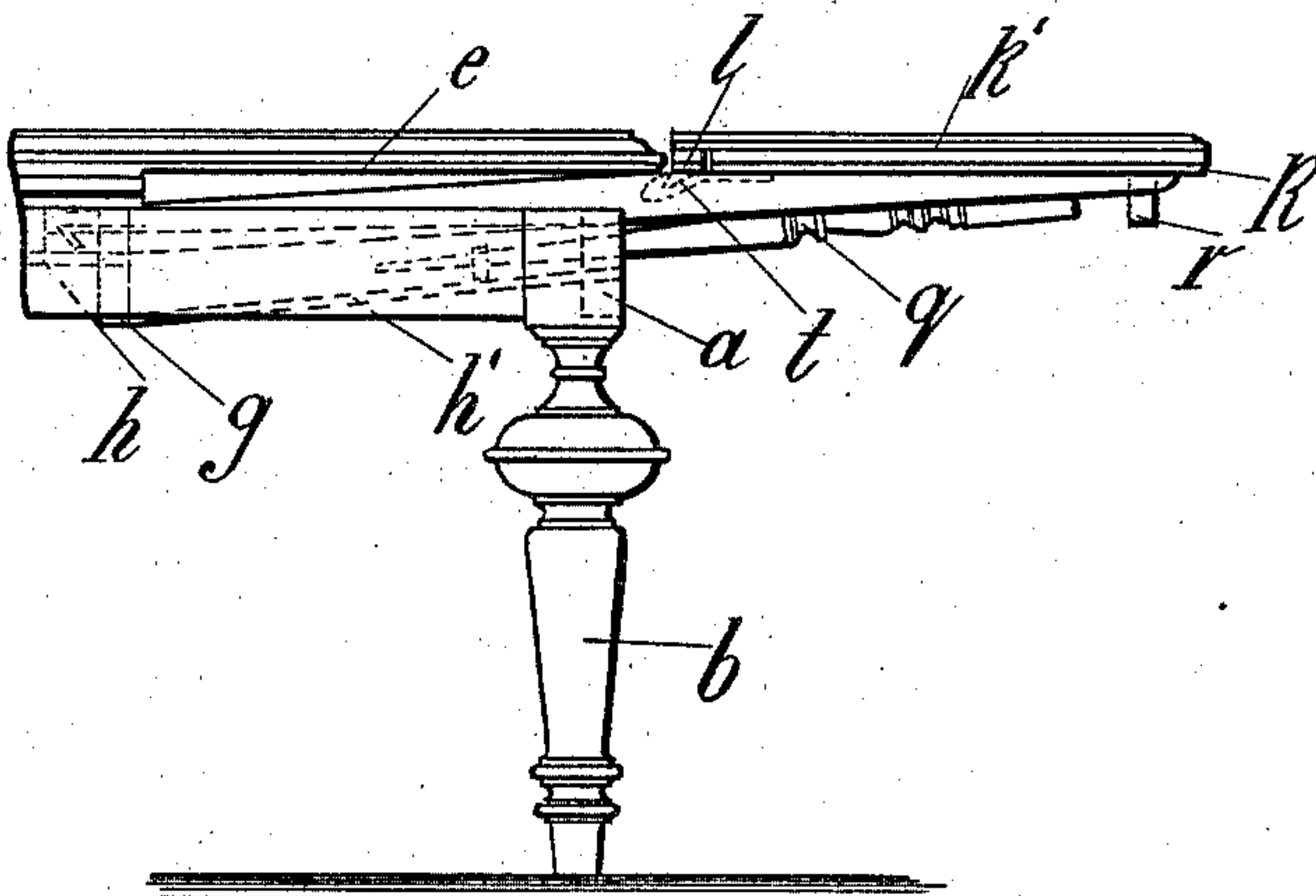
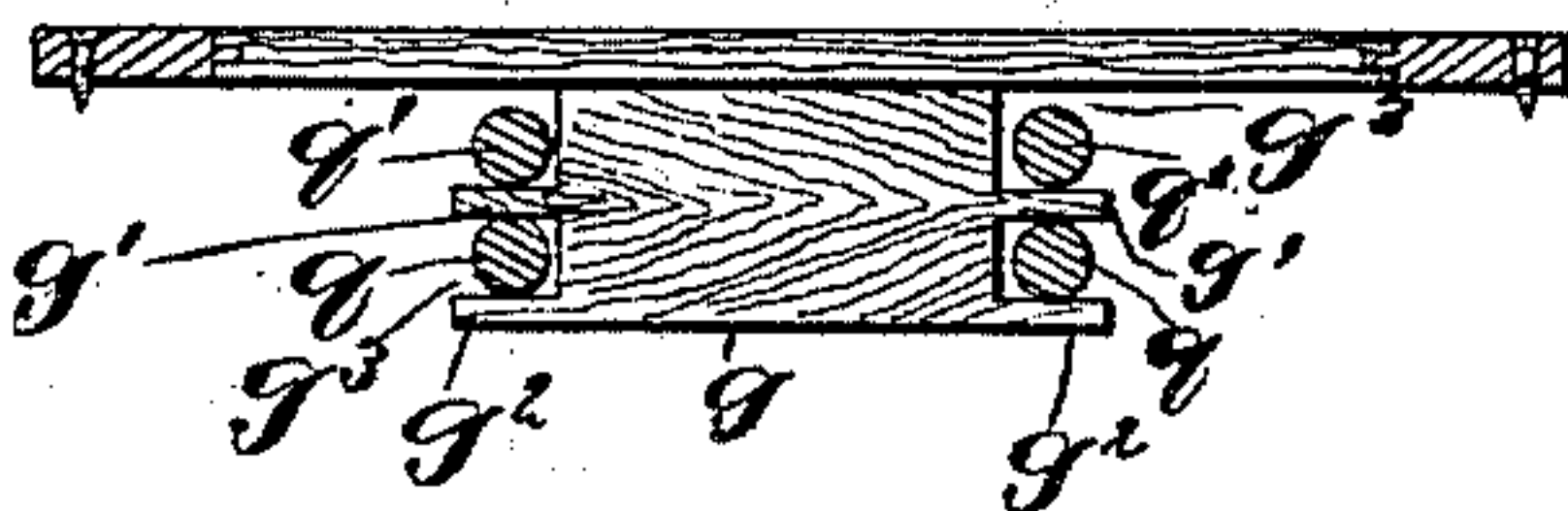


Fig. VII.



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UNITED STATES PATENT OFFICE.

JOHANN FRIEDRICH WIGGERS, OF HANOVER, GERMANY.

EXTENSION-TABLE.

SPECIFICATION forming part of Letters Patent No. 488,465, dated December 20, 1892.

Application filed February 16, 1892. Serial No. 421,683. (No model.)

To all whom it may concern:

Be it known that I, JOHANN FRIEDRICH WIGGERS, of Hanover, Germany, have invented a new and Improved Extension-Table, of which the following is a full, clear, and exact description.

The object of the invention is to provide an improved extension table, the extensible parts of which may be collapsed or withdrawn and firmly erected without the aid of screws, wedges and the like.

The invention consists in the novel construction and combination of parts, as hereinafter particularly described and defined in the claim.

Reference is to be had to the accompanying drawings forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure I is a plan view, part of the table top being partly broken away and the extension leaves at one side being shown withdrawn; Fig. II is a side elevation, partly in section on a line corresponding to the line A, B, Fig. 1; Fig. III is a transverse section on line C, D in Figs. 1 and 2; Fig. IV is a broken side elevation showing the extension leaves and their supporting legs partly withdrawn; and Figs. V, VI, and VII are detail views.

In constructing an extension table in accordance with my invention, a rectangular frame *a* is provided, supported in fixed relation to the legs *b*, and on such frame a transverse strip *c* is secured about centrally thereof, on the top, said strip being formed with a slot or opening *d* for receiving a central bead or rib *f*, which depends from the under side of the table top *e*, and beads *f'* at the ends of the top *e*. The strip *c* supports the top *e*, and the slot *d* and bead *f* permit vertical movement of said table top, while preventing longitudinal or lateral movement thereof. An upright piece *g* ranges transversely of the table beneath the strip *c* and is provided at its ends with horizontal projections *g'*, *g''* forming recesses *g³*, and from the upper projections *g'* extend to one end of the table frame *a*, the slats *h*, while from the lower projections *g''*, extend, to the opposite end of the frame *a*, the diagonally disposed slats *h'*, the slats *h*, *h'*, ly-

ing in the same vertical plane, but out of the same horizontal plane, for receiving and supporting the auxiliary legs *q*, *q'*, provided for the opposite extension leaves as hereinafter described, said slats *h* and *h'*, being about in line with the recesses or openings *a'* formed at each end of the frame *a*, as well as in line with the recesses *g³*, in the transverse center piece *g*.

At each end of the table double extension leaves *i*, *k*, *i'*, *k'*, are provided, adapted to be received beneath the table top *e*, when in the collapsed or inner position, and lying in the horizontal plane with and forming extensions of said table top when in the extended or withdrawn position, said extension leaves being withdrawn from the table proper, by successive movements as hereinafter explained.

On the inner edge of the inner leaves *i* and *i'* are respectively formed or secured, the transverse beads or ribs *l*, *l'*, and from the said beads are supported the longitudinally ranging strips *m*, *m'*, which are respectively connected at about their longitudinal centers to the said beads *l*, *l'* and serve as supports for the leaves *i*, *i'*, the said strips having support on the end members of the frame *a*. The outer extension leaves *k*, *k'*, are provided with strips *n*, *n'*, similar to the strips *m*, *m'* which extend from the outer ends of said leaves, inwardly beneath the same and beyond their inner ends, through the ends of the frame *a*. The strips *m*, *m'*, *n*, *n'*, are formed or provided at their under sides with stops *o*, *o'*, *p*, *p'*, respectively, for limiting their outward movement, the stops being adapted to bring up against the inner sides of the ends of the frame *a*. Near the outer ends of the leaves *k*, *k'*, the auxiliary legs *q*, *q'*, are hinged to fold upward and range longitudinally of the table beneath the top, said legs when in erect position beneath the withdrawn extensions being held rigidly between transverse cleats *r* on the outer ends of the leaves *k*, *k'*, and hinged brace flaps *s*, *s'*. At the inner edges of the leaves *k*, *k'*, spring catches *t* are arranged, and when the said leaves are moved in and longitudinally beneath the leaves *i*, *i'*, between the same and the strips *m*, *m'*, after the auxiliary legs *q*, *q'*, have been folded, the said catches will en-

gage the beads l, l' . Thus in operation, the auxiliary legs q, q' , having been folded, and the leaves k, k' , moved inward beneath the leaves i, i' , the table top e is raised and the
5 leaves i, k , and i', k' , moved inward simultaneously beneath the table top e , the legs q, q' , entering the recesses a' , in the frame a and recesses g^3 in the center piece g .

When the table is to be extended the pairs
10 of leaves i, k , or i', k' , or both are drawn out simultaneously beyond the table top e , whereupon the weight of the table top e resting on the catches t , will disengage the latter from the beads l, l' , and permit the leaves k, k' , to
15 be slid out to the full extent, carrying with them the auxiliary legs q, q' . When the auxiliary legs are brought to the vertical position the flaps s, s' , swing on their hinges and thus automatically hold the legs against folding.

Having thus fully described my invention, 20
I claim as new and desire to secure by Letters Patent,—

The combination in an extension table, of a main table having a central cross piece g provided with vertically spaced lateral projec- 25
tions, fixed guides and supports h, h' , leading to said projections from the end pieces of the main table frame, the guides h' being inclined, and extension leaves having folding legs, said
30 legs being guided by the supports h, h' , and resting thereon when in the inner positions, substantially as described.

In witness whereof I have hereunto set my hand in presence of two witnesses.

JOHANN FRIEDRICH WIGGERS.

Witnesses:

PAUL FISCHER,

PAUL BRINKMANN.