No. 697,639. Patented Apr. 15, 1902.

E. LINDNER.

ADJUSTABLE TABLE OR DESK.

(Application filed Mar. 8, 1901.)

(No Model.) 2 Sheets—Sheet 1.

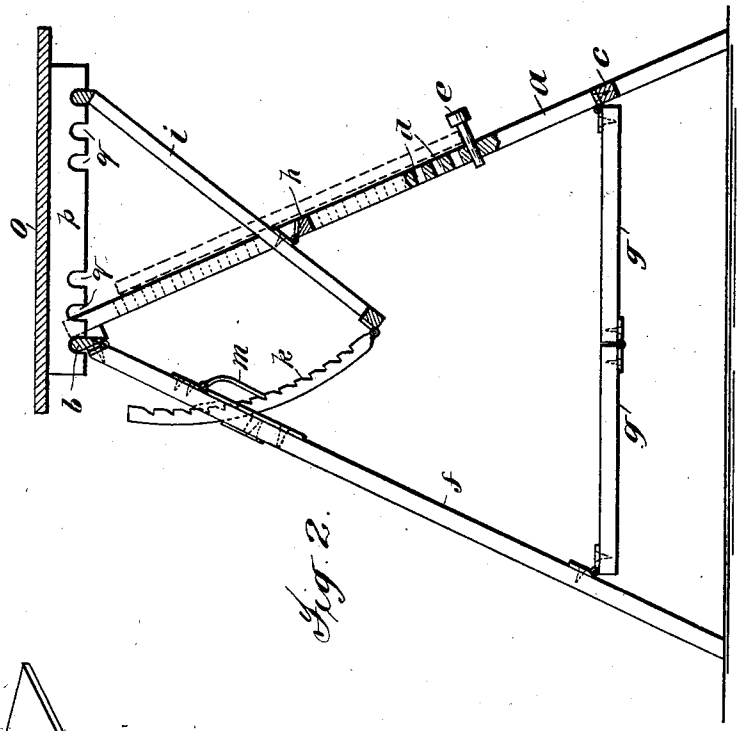

Fig. 2.

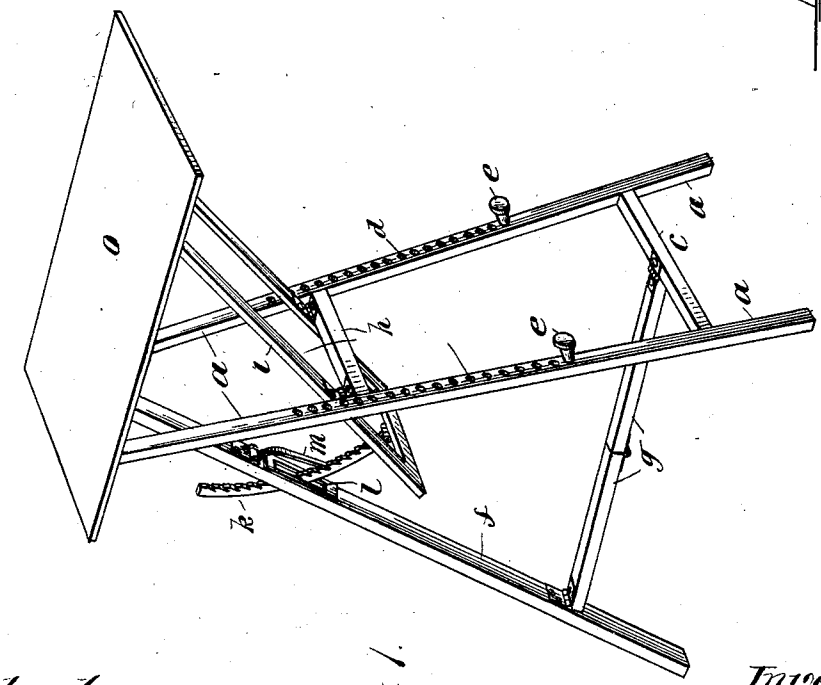

Fig. 1.

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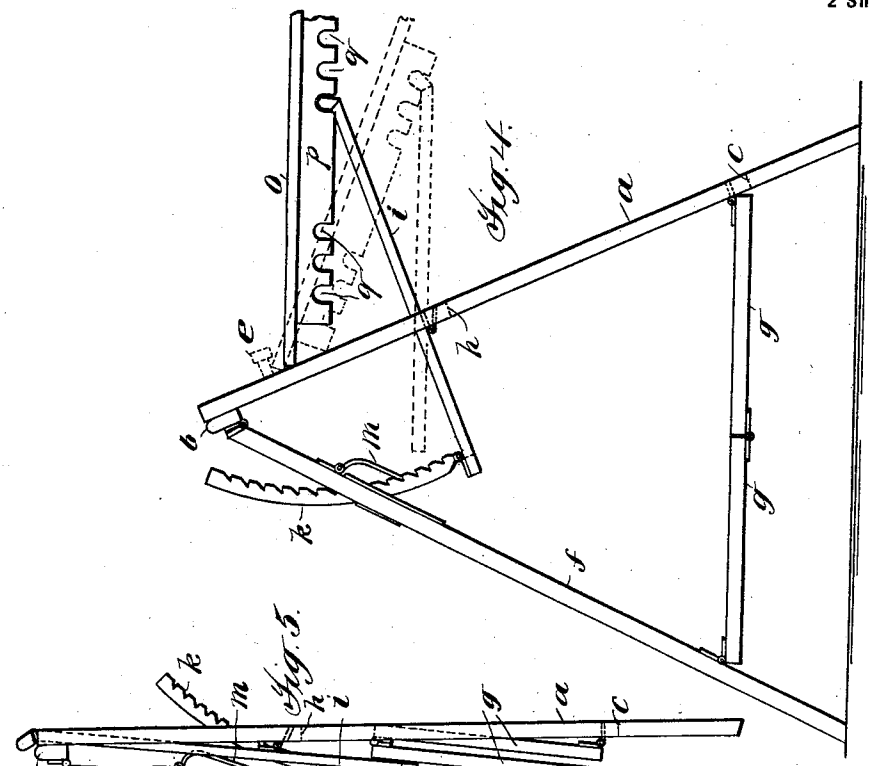

Fig. 4.

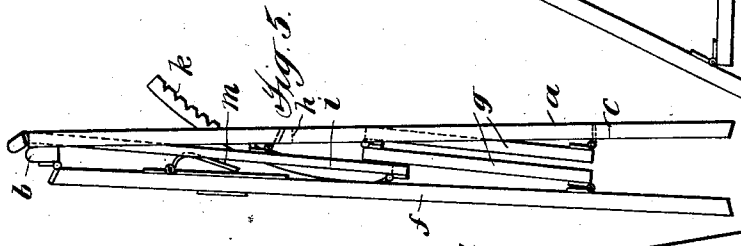

Fig. 5.

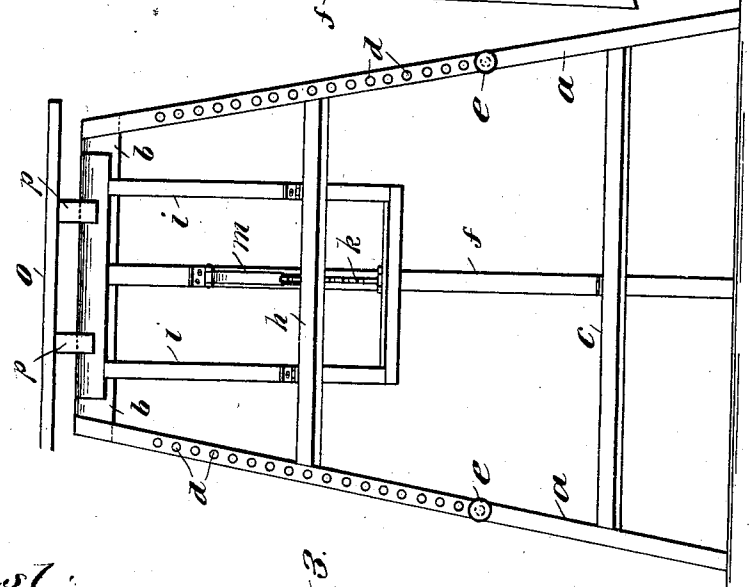

Fig. 3.

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UNITED STATES PATENT OFFICE.

ERNST LINDNER, OF BROOKLYN, NEW YORK.

ADJUSTABLE TABLE OR DESK.

SPECIFICATION forming part of Letters Patent No. 697,639, dated April 15, 1902.

Application filed March 8, 1901. Serial No. 50,297. (No model.)

To all whom it may concern:

Be it known that I, ERNST LINDNER, a citizen of the United States, and a resident of Brooklyn, in the city of New York, in the county of Kings and State of New York, have invented certain new and useful Improvements in Adjustable Tables or Desks, of which the following is a specification.

My invention relates to adjustable tables or desks, its object being to provide a light but strong article of furniture capable of being used as a table, desk, easel, blackboard, or in similar ways, the top being adjustable at different elevations and angles and the whole article capable of being folded up and packed into a small space when not in use.

The invention consists in the novel construction and combination and arrangement of a top adapted to be used as a writing-surface and for various other purposes, and means for supporting the same and adjusting the same at various heights and angles, all as hereinafter more particularly set forth.

In the accompanying drawings, Figure 1 is a perspective view of my invention; Fig. 2, a side view, partly in section, showing the top horizontal and at its highest elevation; Fig. 3, a front view; Fig. 4, a side view showing the top in another position; and Fig. 5, a side view of the supporting means when folded up out of use.

The supporting parts of my invention comprise legs *a*, attached rigidly at their upper ends to a horizontal bar *b*, and connected or braced near their lower ends by a bar *c*. The legs *a* are provided with perforations *d*, adapted to receive supporting-pegs *e*. Pivotally attached to the bar *b* is a third or rear leg *f*. Two bars *g g* are pivotally attached together at their contiguous ends, and the other end of one is pivotally attached to the bar *c* and of the other to the leg *f*. A horizontal bar *h* is rigidly attached at its ends to the legs *a* at points near their middle, and to this bar *h* is pivotally attached a frame *i*. To the lower member of this frame is pivotally attached a ratchet *k*, which slides in a slot *l* in the leg *f*. Pivotally attached to the leg *f* is a pawl *m*, which engages with said ratchet. The upper part of my invention, which is detachable from the parts heretofore described, comprises a flat surface *o*, adapted for writing and other purposes, provided with inferior bars or strips *p*, having grooves or notches *q*.

The operation of my invention is as follows: If the supporting means are folded in the position shown in Fig. 5, they are opened out into the position shown in the other figures, the rods *g g* assuming a horizontal position end to end. The frame *i* is then adjusted at any desired angle and the top part placed in position. When the top part is in the lowest position one end rests against the legs *a*, as shown in Fig. 4, and the other end is supported by the frame *i*. When it is in its highest position, one end rests on the bar *b* and the other end on the frame *i*, as shown in Fig. 2. In either case the upper member of the frame *i* is placed in one set of the grooves or notches *q*. The inclination of the top may be varied by putting the frame *i* in different grooves, as shown in Fig. 4, the full lines showing one position and the dotted lines another. The pegs *e* may be used to prevent the upper end of the top from tipping upward. These pegs may also be used in the manner shown in Fig. 2 to support the top in the position shown in the dotted lines in said figure or to support a blackboard or similar device, or the apparatus may be used in that manner as an easel.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is as follows:

1. An adjustable table or desk, comprising front and back legs pivotally attached together at their upper ends; a support pivotally attached to said front legs and provided with adjusting means attached thereto and to said back leg; and a top, one end of said top being supported by the upper ends of the legs and the other end of the top being supported by said support.

2. An adjustable table or desk, comprising front and back legs pivotally attached together at their upper ends and adapted to fold together when not in use; a brace adapted to hold the lower ends of said legs apart and to fold so as to permit them to come together; an adjustable support pivotally attached to said front legs and provided with adjusting means attached thereto and to said back leg; and a top adapted to be borne by said legs and said adjustable support.

3. An adjustable table or desk, comprising front and back legs pivotally attached together at their upper ends and adapted to fold together when not in use; a brace adapted to hold the lower ends of said legs apart and to fold so as to permit them to come together; an adjustable support pivotally attached to said front legs and provided with adjusting means attached thereto and to said back leg; and a top provided with inferior bars or strips provided with grooves or notches.

4. In an adjustable table or desk, the combination with legs *a a* and *f*, a pawl *m* pivotally attached to the leg *f*, a horizontal bar *b* connecting the front legs *a a* and to which the back leg *f* is pivotally attached, folding braces or bars *g g* between the front and back legs, a supporting-frame *i* pivotally attached to the legs *a a*, and a ratchet *k* pivotally attached to said frame *i* adapted to engage with the pawl *m;* of a top *o* having bars or strips *p* on its under surface provided with grooves or notches *q*.

5. In an adjustable table or desk, the combination with legs *a a* and *f* pivotally attached together at their upper ends, a pawl *m* pivotally attached to the leg *f*, folding braces or bars *g g* between the front and back legs, a supporting-frame *i* pivotally attached to the legs *a a*, and a ratchet *k* pivotally attached to said frame *i* and adapted to engage with said pawl *m;* of a top *o* having bars or strips *p* on its under surface provided with grooves or notches *q*.

6. In an adjustable table or desk, the combination with legs *a a* and *f*, a pawl *m* pivotally attached to the leg *f*, a horizontal bar *b* connecting the front legs *a a* and to which the back leg *f* is pivotally attached, a supporting-frame *i* pivotally attached to the legs *a a*, and a ratchet *k* pivotally attached to said frame *i* and adapted to engage with said pawl *m;* of a top *o* having bars or strips *p* on its under surface provided with grooves or notches *q*.

7. In an adjustable table or desk, the combination with legs *a a* and *f* pivotally attached together at their upper ends, a pawl *m* pivotally attached to the leg *f*, a supporting-frame *i* pivotally attached to the legs *a a*, and a ratchet *k* pivotally attached to said frame *i* and adapted to engage with said pawl *m;* of a top *o* having bars or strips *p* on its under surface provided with grooves or notches *q*.

Signed at New York city, in the county of New York and State of New York, this 4th day of March, A. D. 1901.

ERNST LINDNER.

Witnesses:
HENRY C. DAMERS,
NEWTON W. PALMER.