(No Model.)

E. TIX.

ADJUSTABLE TABLE.

No. 270,263. Patented Jan. 9, 1883.

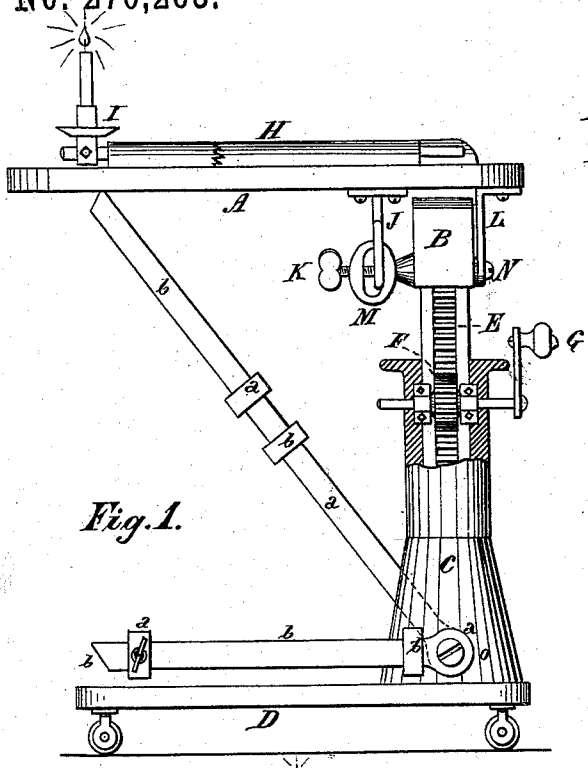

Fig. 1.

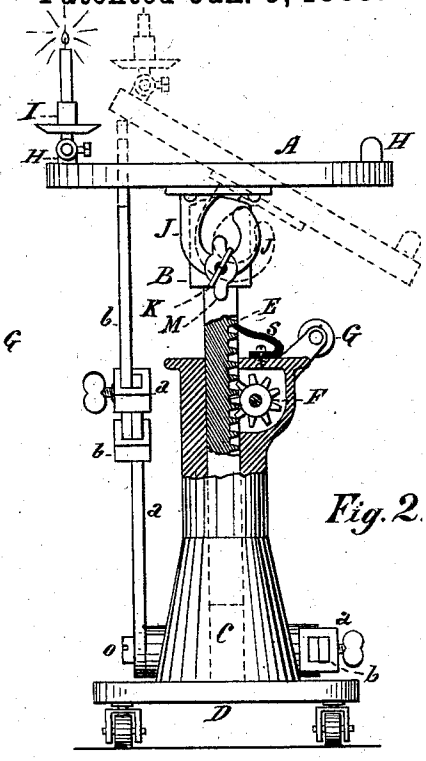

Fig. 2.

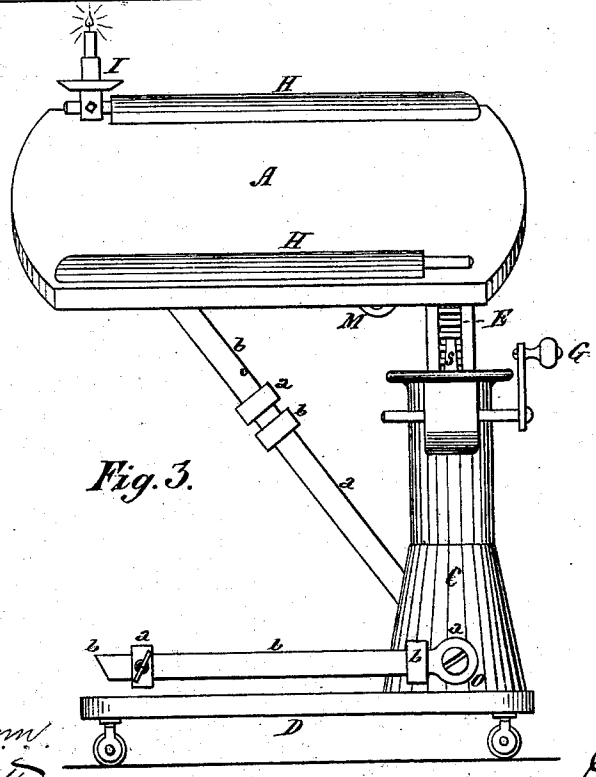

Fig. 3.

Witnesses:
Leo Cammann.
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UNITED STATES PATENT OFFICE.

ERNEST TIX, OF DENVER, COLORADO.

ADJUSTABLE TABLE.

SPECIFICATION forming part of Letters Patent No. 270,263, dated January 9, 1883.

Application filed August 23, 1882. (No model.)

To all whom it may concern:

Be it known that I, ERNEST TIX, a citizen of the United States, residing at Denver, in the county of Arapahoe and State of Colorado, have invented a new and useful Adjustable Table, of which the following is a specification.

My invention relates to improvements in adjustable tables in which the top plate is movable and operates in conjunction with its base or leg, with an adjustable lever or hanger; and the objects of my improvements are, first, to provide a facility to raise and lower the table-plate; second, to afford facilities for the proper adjustment of said table-plate in regard to its position relative to its base; and, third, to provide the table with candle or lamp light always attainable, regardless of the position of the top plate. I attain these objects by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is a side view of the entire table; Fig. 2, a front view of the table as it appears when the top plate is in a horizontal position; and Fig. 3, another side view, showing the inclined plane of the table when turned to an angular position, as indicated by dotted lines in Fig. 2.

Similar letters refer to similar parts throughout the several views.

The table or plate A, its hanger J, and lever L, secured to its leg B, sliding in standard C, which latter stands firmly on its base D, provided with casters or rollers, constitute the main body of the table. The lever L, fastened to table-plate A, revolves around pin N. The latter is secured to leg B, to which is also secured the guide M, allowing hanger J, secured to A, to slide through M, held at will in any desirable position by means of key or set-screw K. The extension of leg B is provided with a rack, E, to its lower end, which slides in and through the center of standard C, and can be raised or lowered by turning pinion F by means of hand-lever G.

To prevent the table A, connected with leg B and rack E, from sliding downward at will on one side, the top of standard C is provided with a spring, S, which protrudes to rack E, thus using E as a ratchet. To support the table A on the other end, (when in a position determined by the height in which E—the rack—is placed by means of pinion F, with its hand-lever G, and held by spring S, and when said table A is brought to a desirable angular or level plane by turning lever L to one side and holding hanger J, with key K, in guide M, the latter being, as already observed, secured to leg B, which has an oval top to prevent it from touching plate A when it swings to one side on pin N,) adjustable braces or bars *a* and *b* are secured to the lower part of standard C, bar *b* sliding on bar *a*, the latter revolving on pin *o*. The length of the bars is determined by the position at which bar *b* is held by means of a set-screw.

To facilitate the moving of the table, its base D is provided with four rollers.

The table-plate A is provided on the two sides with lasts or strips H, each of which has on one end a round pin sufficiently long to hold candlestick I, which is fastened to said pin with a set-screw, all of which is shown in the annexed drawings, the rollers on base D and the extension-bars *a* and *b* (shown in the drawings) forming no part of my present invention.

I am aware that prior to my invention adjustable tables have been made in a similar shape, with vertical legs, the top plate operating, in conjunction with the legs, by means of hinges, and the table being raised and lowered by main force without gearing, and held by pins or blocks at a certain height, passing through holes in the table's legs and standards. I therefore do not claim such a combination, broadly; but

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

In an adjustable table, the pivoted support-arms *a b*, longitudinally adjustable on each other, in combination with the table A, provided with light-holder I, said light-holder being adjustable to a perpendicular when the table A is turned from a horizontal plane, substantially as described, and for the purposes set forth.

ERNEST TIX.

Witnesses:
EMIL O. HOFFMAN,
LEO CANMANN.