

(No Model.)

M. RECK.
TABLE LEAF SUPPORT.

No. 506,545.

Patented Oct. 10, 1893.

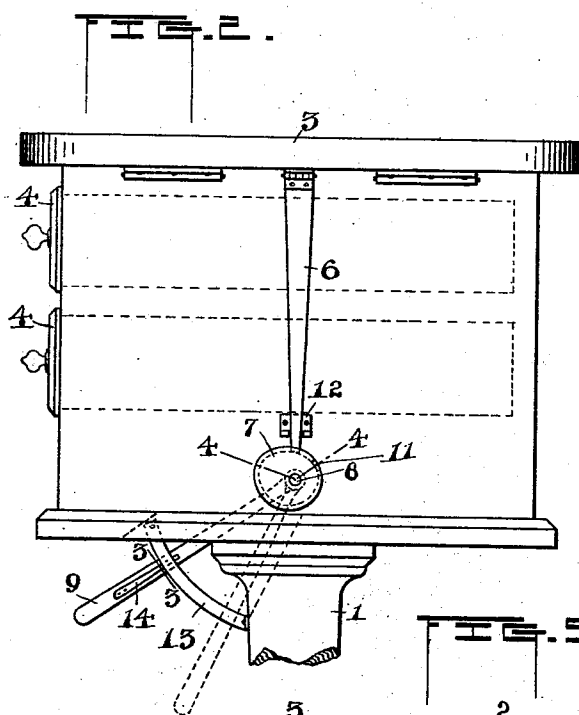
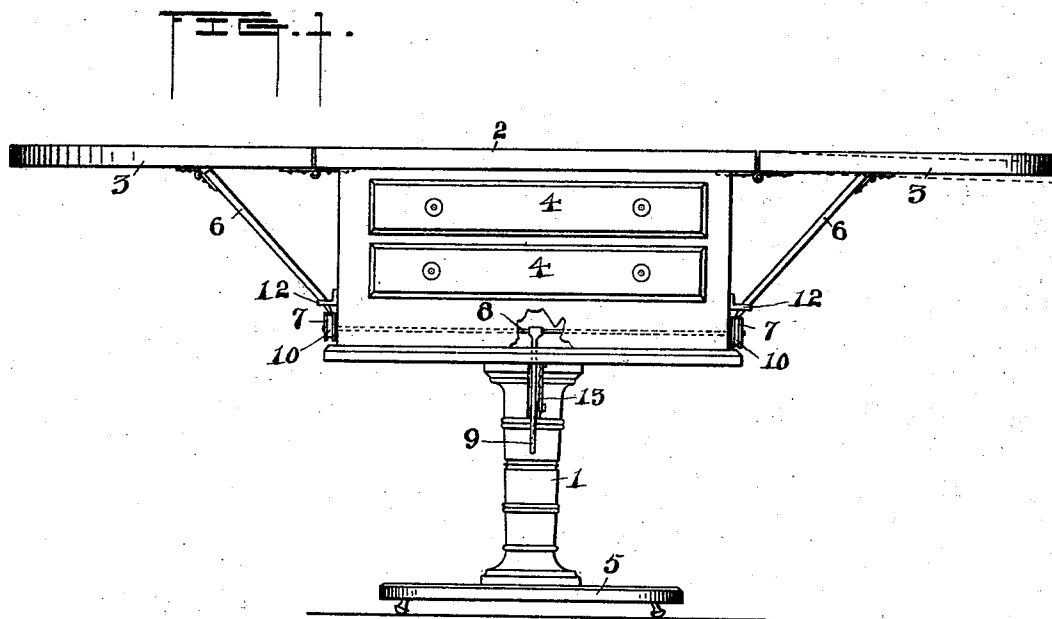


FIG. 3.

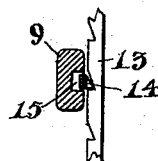


FIG. 4.

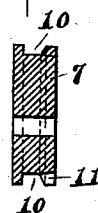
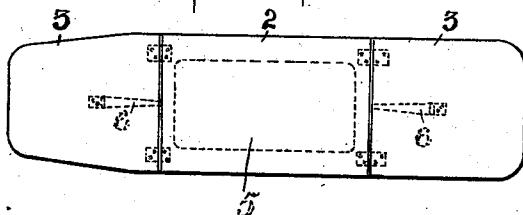


FIG. 5.



WITNESSES
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MARTHA RECK, OF UNION BRIDGE, MARYLAND.

TABLE-LEAF SUPPORT.

SPECIFICATION forming part of Letters Patent No. 506,545, dated October 10, 1893.

Application filed June 10, 1893. Serial No. 477,139. (No model.)

To all whom it may concern:

Be it known that I, MARTHA RECK, a resident of Union Bridge, in the county of Carroll and State of Maryland, have invented certain new and useful Improvements in a Combined Table and Ironing-Board; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use the same.

The invention relates to a combined table and ironing board and has for its object to provide a lady's work table having dropping leaves which when suitably raised and supported serve together with the table top proper as an ironing board, and it has for its further object to provide convenient and efficient devices for sustaining said leaves.

In the accompanying drawings: Figure 1 is a front elevation; Fig. 2 an end elevation. Figs. 3 and 4 are sectional details, the former being taken on the line 3—3 of Fig. 2 and the latter on the bent line 4—4 of the same figure; and Fig. 5 is a plan.

Numerals 1 denotes the pedestal, 2 the top and 3 the leaves of the table. These may be shaped substantially as indicated to adapt them for use with the table top as a board upon which to iron skirts, shirts and other articles which are customarily slipped over the end of the ironing board during the ironing process.

4 denotes drawers which may be used for holding sewing implements or may be made deep enough to receive sad irons.

The pedestal is firmly secured upon a base 5 preferably made of considerable extent in the direction of the leaves and which may be made oblong as indicated by dotted lines in Fig. 5. The object of this elongated base is to provide a stable support to the table and its leaves which are subjected to a downward thrust at their outer end during the ironing operation.

To solidly support the leaves the braces 6 are provided. These are each hinged to the under side of a leaf and adapted to bear on an eccentric fixed upon a shaft 8 having bearings in the ends of the table and adapted to be turned in said bearings by a handle 9. The

eccentrics are provided with a circumferential groove 10 and notch 11. This groove has its outer wall chamfered so that the brace may be more readily entered therein and the necessary width of said groove reduced. The eccentrics, shaft and handle are so arranged that when the handle is at its lowest position the notches 11 of the eccentrics are immediately over the axis or shaft 8 and in the path of the braces. When a leaf is raised to or near to the horizontal position the free end of the brace can be passed through the notch 11 into the groove 10 whereupon by suitably turning the shaft by means of the handle the wider part of the eccentric is forced under the foot of the brace and it is thereby thrust against the leaf to which it is hinged. To prevent the foot of the brace from being moved laterally by the friction of the eccentric a slotted bracket 12 can be secured to the table with its slot immediately over notch 11 the construction and arrangement being such that the brace enters the slot and is held laterally by its walls when the eccentric is turned. The friction of the braces on the periphery of the eccentric will ordinarily prevent their accidental turning, but for greater security a rack 13 may be secured to the table beside the path of the handle 9. One end of a spring pawl 14 is secured and normally adapted to engage the teeth of the rack. The other end extends outwardly alongside the handle and is adapted to be pressed against said handle or into a groove 15 therein when it is desired to disengage the pawl from a notch in the rack. Either leaf can be independently raised and supported and the table is adapted both for ordinary uses and for ironing. For the latter purpose the elongated base, the braces and the devices for supporting them and imparting an upward thrust to the leaves are well adapted.

I am aware that adjustable braces for table leaves provided with holding ratchets and also table tops with leaves the whole having the general shape of an ironing board are not new and such devices I do not claim. It is characteristic of my improvement that braces hinged to the leaves of a table have their lower ends supported on the surfaces of eccentrics said eccentrics being fixed on a shaft

provided with an operating lever, and that means are provided for holding these lower ends both laterally and longitudinally of the table while they are free to be raised and
5 lowered with the surfaces of the eccentrics. These braces are hinged to the leaves as stated. By this construction the leaves can be securely fastened and so as to permit no play at their connection with the table top
10 and they can be raised by a single centrally situated lever acting on the eccentric shaft to impart a nicely graduated end thrust to the braces which elevate the leaves.

Having described my invention, what I
15 claim is—

1. In a table the combination of a leaf, a brace, and an eccentric secured to the table and adapted to impart a longitudinal thrust to the brace, and means for holding the foot

of the brace against moving laterally or lon- 20
gitudinally with respect to the table while permitting its movement vertically, substantially as set forth.

2. In a table the leaves, the braces, the slotted bracket 12, the eccentrics having 25
grooves in their peripheries and fixed to a shaft having bearings in the table, said eccentric-supporting shaft, and the shaft handle adapted to turn said shaft to impart a thrust to the braces through the medium of the ec- 30
centrics, substantially as set forth.

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

MARTHA RECK.

Witnesses:

GEO. P. BUCKEY,
EDWARD W. LEEDS.