(No Model.)

H. W. WARD.

TABLE.

No. 264,912. Patented Sept. 26, 1882.

Fig. 1.

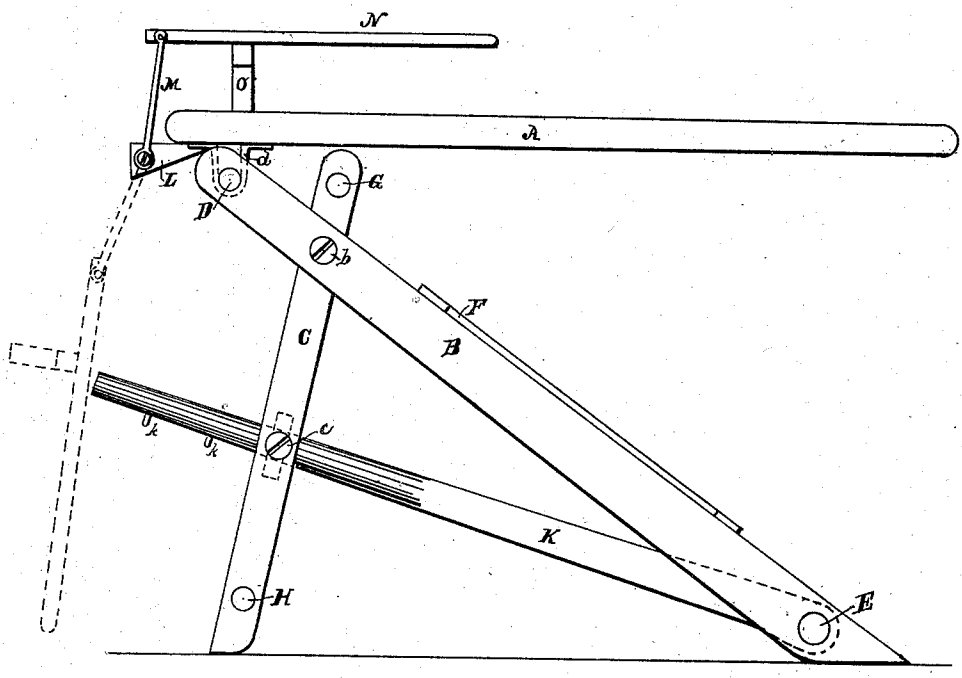
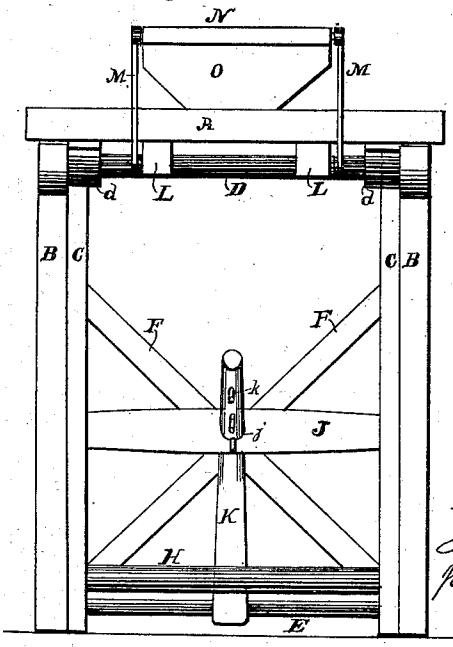


Fig. 2.



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UNITED STATES PATENT OFFICE.

HENRY W. WARD, O CINCINNATI, OHIO.

TABLE.

SPECIFICATION forming part of Letters Patent No. 264,912, dated September 26, 1882.

Application filed April 30, 1881. (No model.)

To all whom it may concern:

Be it known that I, HENRY W. WARD, of Cincinnati, Hamilton county, State of Ohio, have invented certain new and useful Improvements in Tables, of which the following is a specification.

My invention consists in a certain novel construction of portable tables, combining strength, lightness, and easy adjustment.

Figure 1 is a side elevation. Fig. 2 is a rear end elevation.

Similar parts are designated by similar letters.

The top A is supported by resting loosely upon the top ends of the legs B B C C, similarly situated on each side of the table. The legs B B extend from the under part of the top A, near one end of it, to the ground, nearly opposite to the other end, and the legs C C, which are placed on the inner sides of the legs B B, extend from the under side of the top A, at a point somewhat in front of the legs B B, to the ground, nearly opposite to that end of the top A which rests upon the top ends of the legs B B. The legs B B are rigidly connected near their tops, and are connected to the table A. In the present instance the connection between these legs B B and the table is made by the cross-bar D passing through the hangers *d*, attached to the under side of the top A, thus forming a preferable method of suspending the legs B B from the top A. They are also rigidly connected near their lower ends by another cross-bar, E; and as a guard against lateral motion they are provided with the X-braces F F. The legs C are rigidly connected near their tops by the cross-bar G, and similarly near their lower ends by the cross-bar H, being also connected each to its adjacent corresponding leg, B, by the pivot-screws *b* at a point slightly below their tops, and again connected with each other at a point midway between the pivot-screws *b* and cross-bar H by the cross-piece J, which latter is fastened to each leg by the pivot-screws *c c*, upon which it turns.

The lever K extends from the middle of the cross-bar E, upon which it works loosely, to a point under the opposite end of the table, passing through the vertical oblong slot *j* in the cross-piece J, being provided near this free end with the small vertical pins *k k k*, fastened into its lower side.

Fastened to the under side of the top A at the same end that rests upon the legs B are brackets L L, having the same relative position to the longitudinal center of the top A, and projecting slightly beyond the end of said top. To these brackets are pivoted the links M M, pivoted at their opposite ends to the rear end of the small movable table N, which, when in position for use, is parallel to the top A, and is supported by the vertical foot O, attached to its under side and resting upon said top A.

When it is desired to use the table A (supposing it to be folded) the lever K is drawn up through the slot *j* in the cross-piece J, thus moving the lower ends of the legs B toward the legs C, which, by their pressure upon the ground or floor, tend to elevate the top A and push the legs C into place. The desired height being reached, the hold is loosened on the lever, and the latter dropping into the lower part of the slot *j*, any backward motion is prevented by one of the pins *k* coming against the side of the cross-piece J, which, swinging (or turning) loosely upon its pivot-screws *c c*, easily adjusts itself to the position of the lever K.

The tops of the legs B C are so rounded that, no matter what position they may assume in relation to the top A, some part of them will present a bearing-surface to the under side of the top, and the lower ends are also shaped in such manner as to always present a firm bearing-surface to the ground or floor. The legs B, extending, as they do, under the whole length, tend to support the weight, no matter where it may be located, upon the top A, any tendency to "tip" being counteracted by the aforementioned co-operation of the legs and the broad base formed by the distance the legs C C are separated from the legs B B. Any pressure upon the table communicates a pressure to the legs C C, causing them to spread slightly in a direction from the legs B, and thus, by acting against the lever K, causes the latter to hold the legs B firmly to the ground.

When it is desired to use the movable table N the latter is easily swung into the position shown by the full lines in Figs. 1 and 2, and

when not in use it may be swung off the top A, assuming the position shown by the dotted lines in Fig. 1; or it may be entirely removed.

The table A is well adapted to a large number of uses. Among these, by way of illustration, may be named the following, viz: It is useful for paper-hangers in supporting the paper while being cut or pasted. It is serviceable for ironing purposes.

The table N is also useful as a supplemental table, which can be brought into use or removed out of the way at a moment's notice.

When the table A is employed in the ironing of textile fabrics the table N furnishes a very ready and convenient bosom-board, the independent end of the table N allowing a shirt to be slipped over it, the bosom lying upon the top of said table in a proper and convenient position to be ironed.

When preferred that portion of my invention which consists of the table A and its support may be used alone, dispensing altogether with the table N.

I am aware that it is not broadly new in ironing-tables and analogous structures to hinge the supporting-legs together and to provide them with devices for holding the legs apart. I am also aware that it is not new to support a second table upon the top of the table proper, and such I do not claim; but

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

A folding table consisting of top A, legs B, hinged at their upper ends to the table-top by cross-bar D and hangers *d*, and rigidly connected at their lower ends by cross-bar E, and having X-braces F F, legs C, having cross-bar G for rigidly connecting the same together, pivot-screws *b*, connecting the legs B and C together, cross-piece J, pivoted at *c* to said legs C, and having vertical slot *j*, lever K, extending from and working loosely upon the cross-bar E, said lever K passing through slot *j*, and being provided with pins *k*, substantially as and for the purpose described.

HENRY W. WARD.

Attest:
WM. E. JONES,
E. R. HILL.