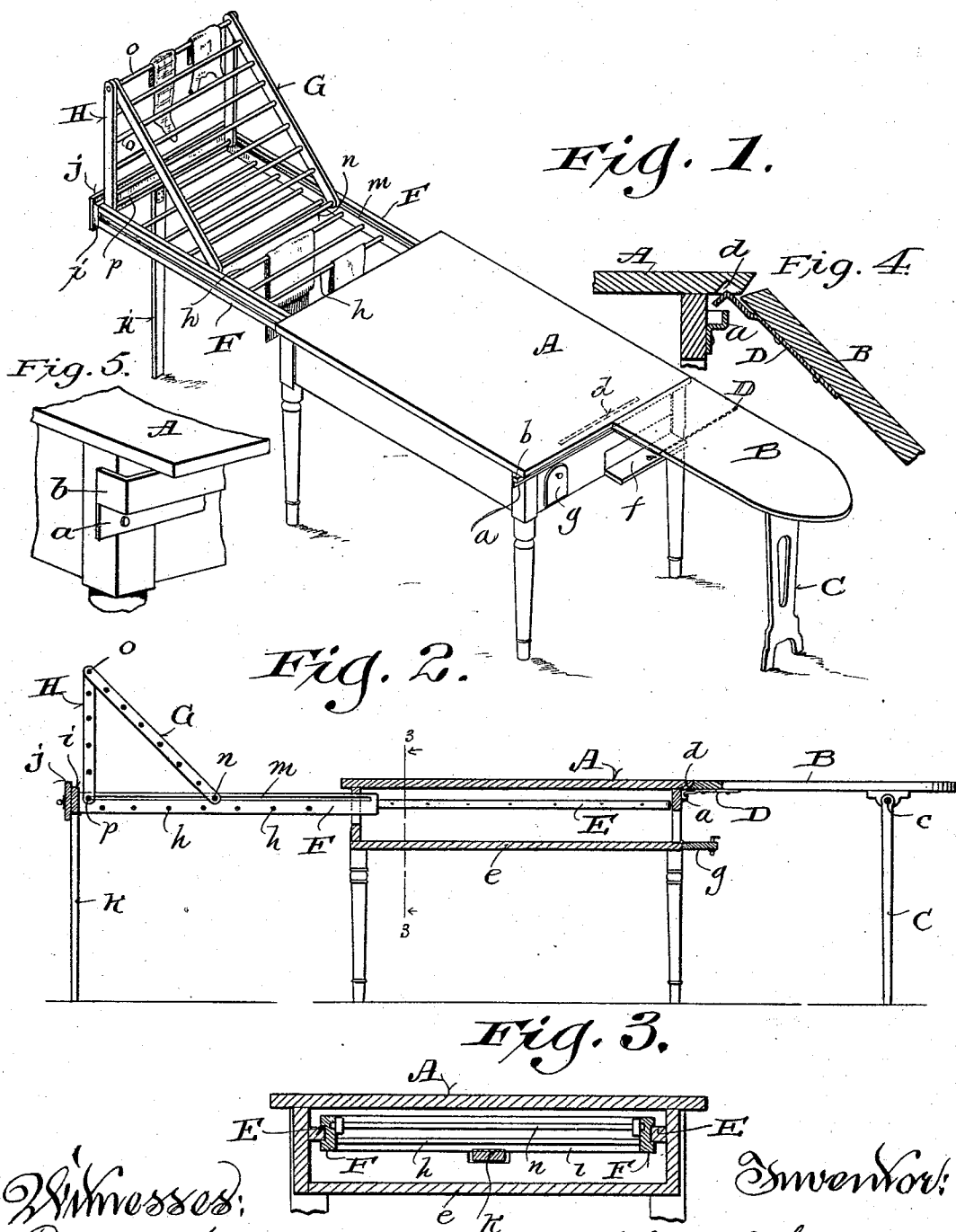


(No Model.)

C. WHITFORD.
COMBINATION TABLE.

No. 572,391.

Patented Dec. 1, 1896.



Witnesses:
Geo. W. Lundy,
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UNITED STATES PATENT OFFICE.

CHARLES WHITFORD, OF MILWAUKEE, WISCONSIN.

COMBINATION-TABLE.

SPECIFICATION forming part of Letters Patent No. 572,391, dated December 1, 1896.

Application filed March 5, 1895. Serial No. 540,644. (No model.)

To all whom it may concern:

Be it known that I, CHARLES WHITFORD, a citizen of the United States, and a resident of Milwaukee, in the county of Milwaukee and State of Wisconsin, have invented certain new and useful Improvements in a Combination-Table; and I do hereby declare that the following is a full, clear, and exact description thereof.

My invention relates particularly to a combined kitchen and laundry table; and it consists in certain peculiarities of construction and combinations of parts, as will be fully set forth hereinafter and subsequently claimed.

In the drawings, Figure 1 is a perspective view of my improved table with the parts thereof extended in position for use in ironing clothes. Fig. 2 is a longitudinal vertical section through the same. Fig. 3 is a transverse sectional view on the line 3 3 of Fig. 2, but with the clothes-rack folded and replaced within said table. Fig. 4 is a detail sectional view illustrating the operation of attaching or detaching the ironing-board; and Fig. 5 is a detail perspective view clearly illustrating the stops on the angle-plate, both of these views being drawn to an enlarged scale, as compared with the other figures of the drawings.

Referring to the drawings, A represents the table proper, which is adapted for all ordinary uses of a kitchen-table.

B represents an ironing-board, and C a wide supporting-leg therefor, pivotally secured to the under side of said board, as shown at c. Just beneath the projecting edge of the tabletop, at one end, an angle-plate *a* is secured to the frame of the table, extending the whole length thereof, and having ears or stops *b* at the ends.

D is a plate secured to the under side of the board B and of equal width thereof, said plate having a projecting downwardly-flanged end for engagement with the upwardly-extended flange of the described angle-plate *a*, as shown in Fig. 2. The inner end of the board B is beveled outwardly from top to bottom, and the adjacent edge of the top of the table A is correspondingly beveled, so that when the table A and board B are connected together, as shown in the drawings, they will be very firmly united, and still greater steady-

ness is insured by making the board-leg C of considerable width, as shown and described. The described projecting edge of the tabletop is provided with a transverse groove *d* on its under side in line with the projecting edge of the plate D beneath, (though preferably centrally located and equally distant from the sides or legs of the table, as indicated by the dotted lines *d* in Fig. 1,) to aid in attaching or detaching the board B, as hereinafter explained.

The table A is formed with a box-top having a bottom *e*, and the ironing-board end has two openings therein adapted to be closed by two hinged doors *f g*, one opening being to receive the described ironing-board when it is detached and folded and the other to receive flat-irons, the door *g* opening downward and serving when open, as shown in Fig. 2, as a flat-iron support.

E E represent a pair of guide-strips, secured to the inner sides of the described box-top of the table A, to receive the grooved side pieces F F of the clothes-rack, which pieces are connected together by the bars *h h* and the end pieces *i j*, there being a supporting-leg *k* hinged to the end piece *i*, as shown, while the outer end piece *j* is preferably formed in imitation of the front of a drawer and covers and conceals the opening in the adjacent end of the table-box frame when the parts of the rack are all within the latter. The side pieces F F are further formed with longitudinal grooves *m* on their inner sides to receive the projecting ends of the lower rod *n* of the part G of the supplemental clothes-rack, the parts G H of which are hinged together at the top, as shown, by the rod *o*, and the lower rod *p* of the part H forms a stationary pivot for said part.

The operation of my device will be readily understood from the foregoing description of its construction, taken in connection with the accompanying drawings.

To detach the board B, it is first moved to the center of the table, and the leg C is partly folded, so as to drop the outer end of said board, which throws the flanged projecting edge of the plate D into engagement with the described groove *d*, and then the said board can be readily removed, as in this tilted position the said flanged edge of the plate D

will just clear the angle-plate *a*. The board is replaced in the reverse manner to that just described. By reason of the angle-plate *a* extending entirely across the end of the table the board B can be moved to have one longitudinal edge in line with either side edge of the table-top, as desired, and this is a matter of great convenience, (especially as many people are left-handed,) and by reason of placing the groove *d* intermediate of the sides of the table the board B cannot become accidentally detached in use, even if the leg C should slip, as it would first be necessary to move the board to the exact center, the length of said groove coinciding with the width of the plate D.

In order to close the rack, the part G is drawn toward the table A, which action draws the part H down and in also until both are horizontally disposed, and then the leg *k* is folded in up under the lower rack, and all are pushed inside the box-top of the table, the outer end piece *j* protecting and concealing all these parts, as stated. Thus it will be seen that I have a very compact and useful piece of furniture occupying only the space of a kitchen-table, but adapted for immediate use in ironing clothes.

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

1. In a table of the class described, the combination with a suitably-supported frame and table-top having a projecting beveled end formed with a central transverse groove in its under side, and an upwardly-flanged angle-plate secured to said frame underneath said top and extending the entire width of the lat-

ter, of an ironing-board having its inner end beveled to correspond to the projecting beveled end of the table-top, and provided with a hinged supporting-leg, and a plate secured to the under side of said board, said plate being of a width coincident with the length of the said central transverse groove in the table-top, and having a projecting downwardly-flanged edge for engagement with the described angle-plate, substantially as set forth.

2. In a table of the class described, the combination with a suitably-supported box-top having guide-strips secured to the inner sides thereof and an end opening, of a clothes-rack comprising side pieces externally grooved for engagement with said guide-strips, and internally grooved, and connected by bars and outer end pieces, a folding leg hinged to one of said end pieces and a hinged folding supplemental rack, the lower rod of one part of which forms a stationary pivot connecting said part to said side pieces, and the lower rod of the other part being in movable engagement with the said internal grooves of said side pieces, whereby, when the rack is fully extended and adjusted, it will comprise a horizontal rack, a vertical rack, and an obliquely-disposed rack, all adapted for use at the same time, substantially as set forth.

In testimony that I claim the foregoing I have hereunto set my hand, at Milwaukee, in the county of Milwaukee and State of Wisconsin, in the presence of two witnesses.

CHARLES WHITFORD.

Witnesses:

H. G. UNDERWOOD,
HENRY DANKERT.