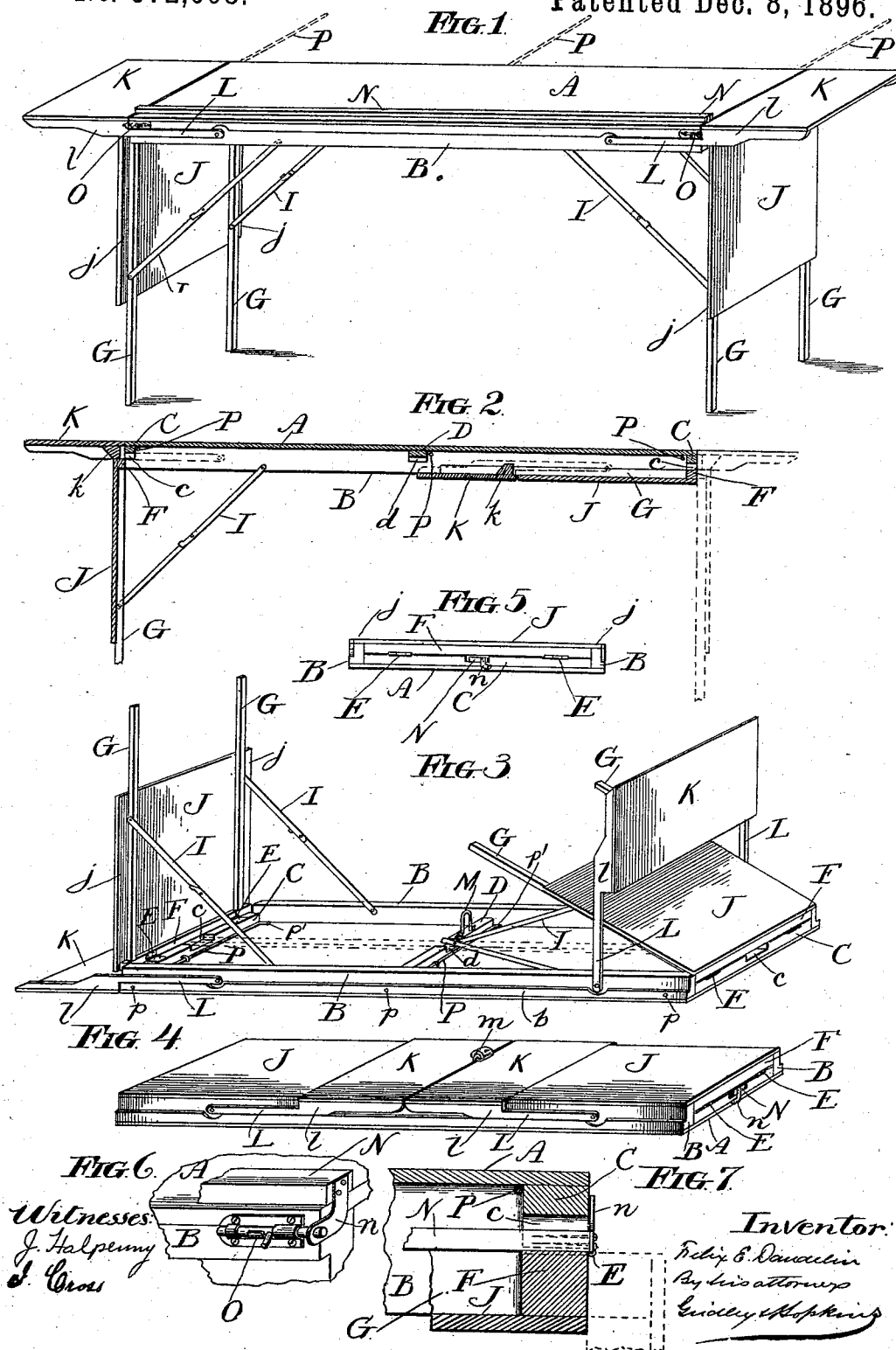


(No Model.)

F. E. DAUDELIN.
WORK TABLE FOR PAPER HANGERS.

No. 572,698.

Patented Dec. 8, 1896.



UNITED STATES PATENT OFFICE.

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WORK-TABLE FOR PAPER-HANGERS.

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To all whom it may concern:

Be it known that I, FELIX E. DAUDELIN, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Work-Tables for the Use of Paper-Hangers and others, of which the following is a specification.

The object of the present invention is to provide a table which, when in readiness for use, is of regulation size, but which may be folded up lengthwise in order that it may be more conveniently carried from place to place, and which when folded up forms a closed box or case in which the workman's tools, working-clothes, &c., may be conveniently carried.

To this end the invention consists in the features of novelty that are particularly pointed out in the claims hereinafter, and in order that it may be fully understood I will describe it with reference to the accompanying drawings, which are made a part of this specification, and in which—

Figure 1 is a perspective view of a table embodying the invention fully unfolded and in position for use. Fig. 2 is a vertical longitudinal section thereof with the parts at one end completely unfolded and the parts at the other end completely folded up, the positions of these latter parts when unfolded being indicated by dotted lines. Fig. 3 is a perspective view of the under side of a table embodying the invention with the parts at one end unfolded and the parts at the other end partly unfolded. Fig. 4 is a perspective view of a table embodying the invention, the parts being shown in the positions that they occupy when completely folded. Fig. 5 is an end view thereof. Figs. 6 and 7 are views showing some of the parts in detail.

A represents the main portion of the table-top, which preferably consists of a single board of desired dimensions. To its under side are secured two strips B, extending its entire length and located at its edges, respectively, two transverse strips C, extending from one to the other of the strips B and located at its ends, respectively, and one or more transverse strips D, similar in construction to the strips C and located intermediate thereof. In addition to being secured to the table-top all of these several strips are firmly secured to each other wher-

ever they meet, so that when unfolded the parts thus far described will form a shallow box. To each of the strips C is secured, by means of hinges E, a strip F, and to each of the strips F two of the legs G of the table are secured. The aggregate depth of the strips C F at each end of the table equals the depth of the strips B, and the hinges E are disposed so that when the legs of the table are folded up they will be entirely within the shallow box aforesaid and the strips C and F will lie in the same vertical plane. The unfolding of the legs past positions at right angles with the table-top is prevented by jointed braces I; but for this feature of the device no novelty is claimed.

The legs of the table may be and preferably are exactly one-half the length of the table-top, so that when folded their ends meet, and to them is secured sheathing J, preferably made of a single board, the edges of which project slightly, so that when the legs are folded up said edges will bear upon the lower edges of the strips B and the sheathing itself will constitute a lid by which the shallow box aforesaid is closed. This sheathing J may extend quite to the ends of the legs, so that the entire covering for the box will be formed by the two sections of sheathing, but this is not preferred where it is desired to provide a table the length of which may be reduced for convenience in carrying it. Where this is desired, I prefer to use extensions K, one for each end of the table, that are carried by arms L, whose ends are pivoted to the strips B, upon the outer sides thereof. The length of the arms L and the locations of their pivots should be such that when they are folded up, as shown in Fig. 4, the ends of extensions K will meet, and the distance between the pivots of each of the arms and the adjacent end of the extension should be exactly the same as the distance between said pivots and the adjacent end of the table-top, so that when the extensions are unfolded, as shown in Fig. 1, their inner ends will meet the ends of the table-top.

For the purpose of protecting arms L the strips B are preferably provided with overhanging beads or shoulders b, which are the result of rabbeting the strip, and in order to bring the tops of the extensions flush with the table-top the arms L are provided with offsets, as shown at l. Where these extensions are

used, the sheathing J is not continued to the extremities of the table-legs, but only to such points that they will meet the inner ends of the extensions when all of the parts are folded up. By reason of the above-described location of the axes of the hinges E, when the table-legs are unfolded the strips F will lie in vertical planes outside of the vertical planes of the strips C, or in other words they will be slightly beyond the extremities of the table-top, and when in these positions they will engage lugs k, that are secured to the under sides of the extensions and thereby support them. For the purpose of securing the parts in place when folded up a hasp M may be secured to the strip D so that it will project between extensions K in position to receive a lock M of any suitable construction.

N is a straight-edge, to the ends of which are permanently secured offset-brackets n, perforated for the passage of bolts O, that are secured to the strips B, the length of the straight-edge being the same as the length of the table-top, so that the brackets n may project downward past the ends of the table in positions to receive the bolts. With this arrangement the straight-edge may be moved about the bolts as pivots, and when not in use the bolts may be withdrawn from engagement with the brackets and the straight-edge removed. For carrying it it may be placed within the box with the other tools, the strips C and D being provided with notches c and d for receiving it. When the straight-edge is in the box, the brackets n will lie against the ends of the table, as shown in Figs. 4 and 5, the strips C and the ends of the table being additionally notched, if necessary, in order to receive them.

P represents slide-rods suitably secured to the strips C and D or to the under side of the table-top, so as to be capable of sliding endwise, and p represents perforations formed through one of the strips B, through which these rods may be projected, as indicated by dotted lines in Fig. 1, when it is desired to provide the table with an additional leaf for increasing its width, the complete withdrawal of the rods through the perforations being prevented by providing them with lateral extensions p'.

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

1. In a combined table and tool-box, the combination with the table-top and parts secured to the under side thereof and forming therewith a shallow box, of a hinged cover adapted to extend over the entire area of the box and close it, parts of the cover, when unfolded, being adapted to serve as legs for supporting the table, substantially as set forth.

2. The combination with a table-top and strips secured to the under side thereof and forming therewith a shallow box, of hinged legs, sheathing secured to the legs, arms

hinged to the box and a table-top extension secured to the arms, substantially as set forth.

3. In a table, the combination with the top thereof, of arms pivoted to the under side of the top, a table-top extension carried by the arms, the distance from the pivots of the arms to the inner end of the extension being equal to the distance from the pivots to the end of the table, and hinged legs having a portion which engages and supports the extension when the legs are unfolded, substantially as set forth.

4. In a combined table and tool-box, the combination of the table-top, parts secured to the under side thereof and forming therewith a shallow box, hinged legs, sheathing secured to the upper portions of the legs, pivoted arms, and table-top extensions secured to the outer portions of the arms, the parts being so proportioned and arranged that the inner ends of the extensions will meet the ends of the top when the parts are unfolded and will meet the lower edges of the sheathing when the parts are folded and form therewith a cover for the box, substantially as set forth.

5. The combination of a table-top having strips B and C secured to the under side thereof and extending along its edges and ends respectively, strips F, hinges connecting them to the strips C, legs secured to the strips F, sheathing secured to the legs, arms L pivoted to the strips B and the table-top extensions K secured to the arms L, the length of the arms the length of the table-top extensions, the distance between the inner end of the table-top extensions and the pivots of the arms and the location of the pivots of the arms being such that when the arms are unfolded the table-top extensions will meet the ends of the table and when the arms are folded up the table-top extensions will meet under the table, substantially as set forth.

6. The combination with a table-top of a straight-edge, perforated offset-brackets secured to the ends of the straight-edge and extending downward past the ends of the table, and movable bolts secured to the edge of the table and adapted to be inserted in or withdrawn from perforations in the brackets whereby when in place they form pivots about which the straight-edge may be moved, and whereby they may be withdrawn and the straight-edge removed, substantially as set forth.

7. The combination of a table-top, strips C secured to the under side thereof at its ends and having notches c, strips F hinged to the strips C and legs secured to the strips F, substantially as set forth.

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Witnesses:

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IDA CROSS.