

No. 828,965.

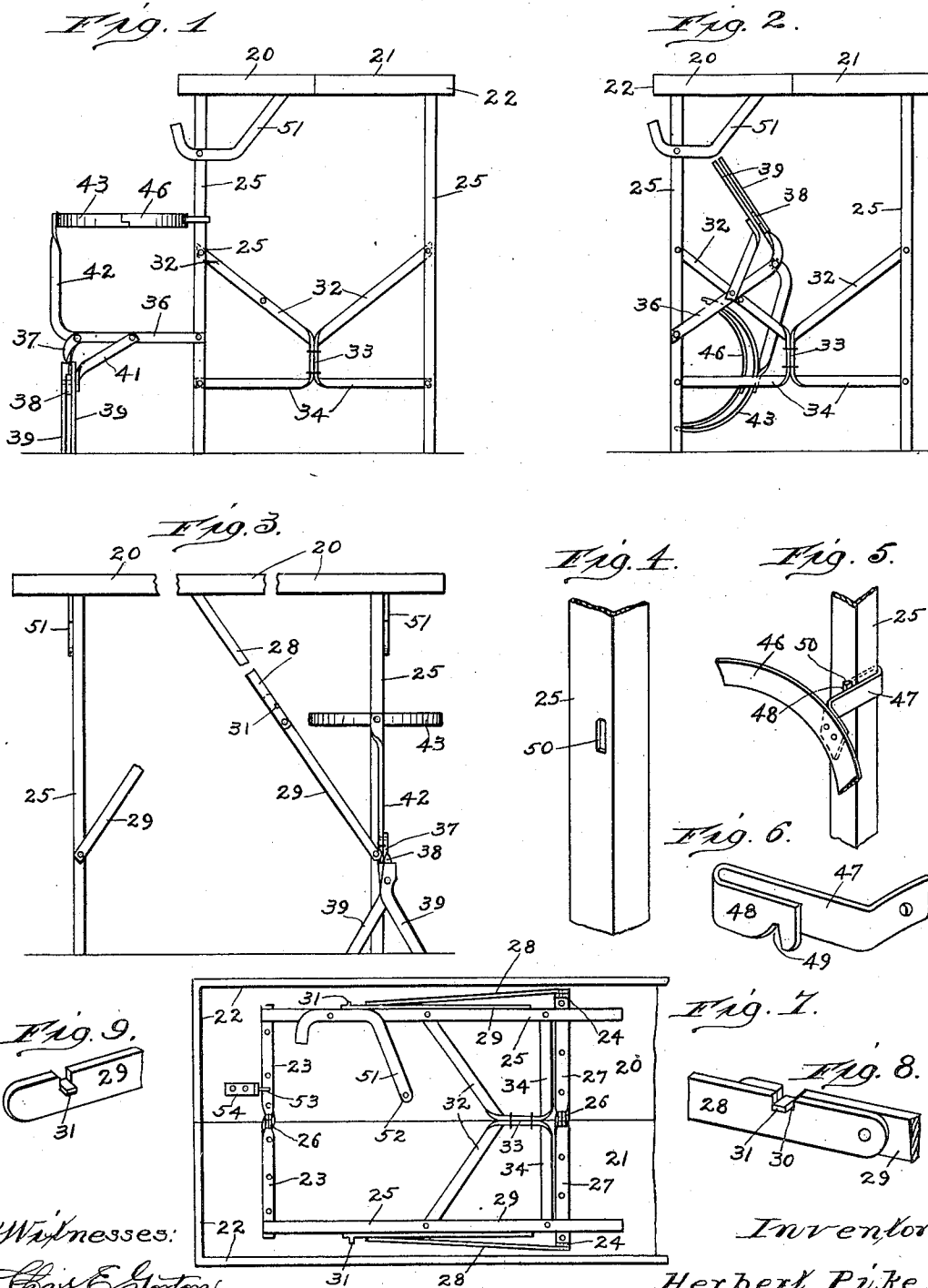
PATENTED AUG. 21, 1906.

H. PIKE.

COMBINED FOLDING TABLE AND BUCKET HOLDER.

APPLICATION FILED NOV. 3, 1905.

2 SHEETS—SHEET 1.



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2 SHEETS—SHEET 2.

Fig. 10.

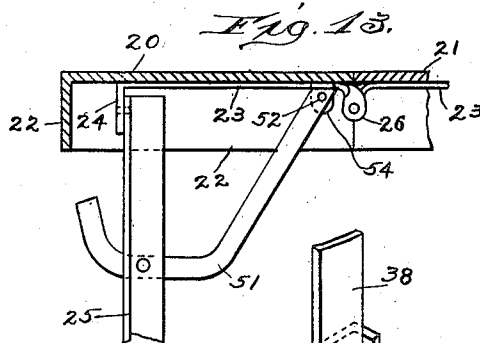
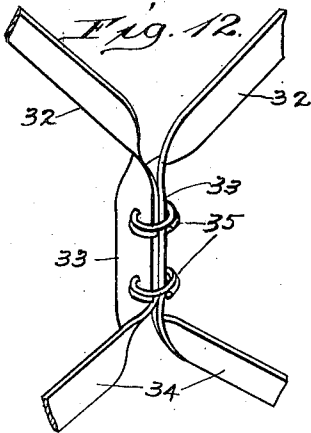
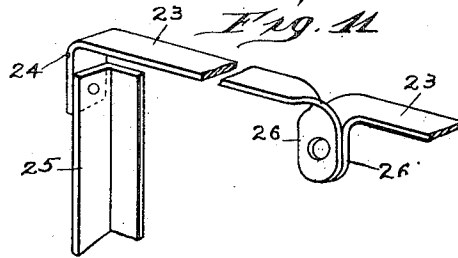
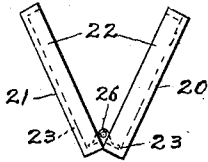


Fig. 14.

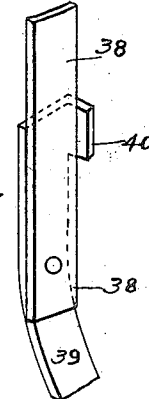


Fig. 15.

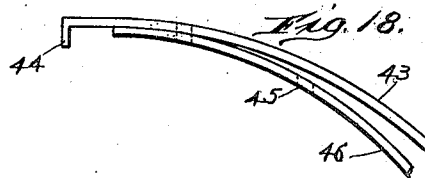
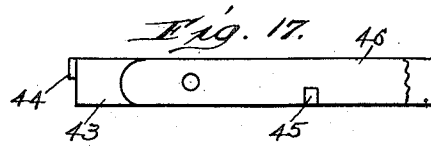
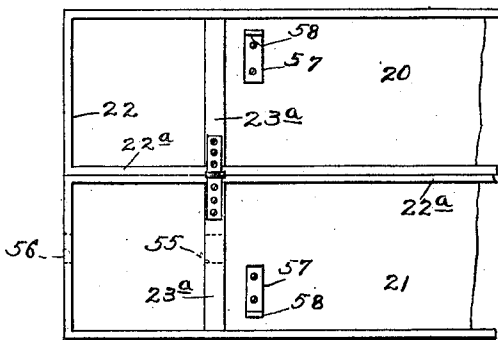
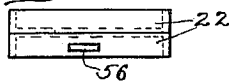


Fig. 16.



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UNITED STATES PATENT OFFICE.

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COMBINED FOLDING TABLE AND BUCKET-HOLDER.

No. 828,965.

Specification of Letters Patent.

Patented Aug. 21, 1906.

Application filed November 3, 1905. Serial No. 285,712.

To all whom it may concern:

Be it known that I, HERBERT PIKE, a subject of the King of Great Britain, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in a Combined Folding Table and Bucket-Holder; 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, reference being had to the accompanying drawings, and to figures of reference marked thereon, which form a part of this specification.

The invention relates to certain new and useful improvements in a combined folding-table and bucket-holder; and it consists in certain peculiarities of the construction, novel arrangement, and combination of the parts, as will be hereinafter fully set forth, and specified in the claims.

The principal object of the invention is to provide a combined folding table and bucket-holder which is more especially intended for use by paper-hangers in preparing wall-paper and applying paste thereto preparatory to hanging it or placing it on the walls, but which may be used by others and for a different purpose, and which shall be so constructed that its parts may be readily folded together and inclosed in a compact and easily portable form, and in such a manner as to provide a receptacle for the tools, such as the straight-edge, paste-brushes, and the like.

Another object of the invention is to so construct and arrange the different parts of the device that when its supporting members are extended so as to support the table, as well as the paste-bucket, they will readily and firmly be secured in position and will rigidly support the board and bucket and prevent movement thereof in the operation of preparing and placing paste on the paper.

A still further object is to provide means for supporting the straight-edge at a point readily accessible to the workman and also for supporting the paste-bucket in such a manner as to avoid all possibility of its being tipped over and at a convenient height to save stooping to dip the paste-brush in the paste.

Other objects and advantages of the invention will be disclosed in the subjoined description and explanation.

In the accompanying drawings, Figure 1 is an end view in elevation of a combined folding-table and bucket holder embodying one form of the invention, showing the parts in their extended positions or ready for use. Fig. 2 is a similar view, but showing the position of the parts of the bucket-holder to which they may be folded when not in use and preparatory to folding the supporting-legs of the table so that they may be inclosed thereby. Fig. 3 is a view in side elevation, showing the parts extended ready for use, but illustrating the table-top and the bars connecting it to the supporting-legs shortened for the convenience of illustration. Fig. 4 is a fragmental perspective view of a portion of the supporting-leg to which the bucket-holder is secured. Fig. 5 is a similar view of a like portion, showing a part of the bucket-holder attached thereto. Fig. 6 is a perspective view of the supporting-hook for a part of the bucket-holder. Fig. 7 is a bottom plan view of a portion of the table-top, showing the supporting-legs for one end thereof folded thereto. Fig. 8 is a fragmental perspective view of one of the side braces for the supporting-legs, showing the means for locking the same. Fig. 9 is a similar view of a portion of one of said braces. Fig. 10 is an end view of the table-top, showing its members in the act of being folded together. Fig. 11 is a perspective view of a portion of one of the supporting-legs and a part of one of the transverse hinged bars which support the members of the table-top. Fig. 12 is a like view of a portion of one of the end braces for the supporting-legs. Fig. 13 is a cross-sectional view of a portion of the table-top, showing the manner of supporting the same and also illustrating one of the holders for the straight-edge. Fig. 14 is a perspective view of a portion of the support for the bucket-holder. Fig. 15 is a bottom plan view of a portion of the table-top, showing a modification in its construction. Fig. 16 is an end view of the table, showing its members closed or folded together. Fig. 17 is a side view of a portion of the bucket-holder, and Fig. 18 is an edge view of the same.

Like numerals of reference refer to corresponding parts throughout the different views of the drawings.

The table-top consists of two board mem-

bers 20 and 21, which may be of any suitable size, form, and material, but preferably of wood and rectangular in shape. Each of the members 20 and 21 is provided at its ends and outer edge with downwardly-extending flanges 22, which when the members are folded together will form a box in which the supporting members of the table will be inclosed and which box may be also employed for holding the tools of the paper-hanger. The flanges 22 are omitted from the adjacent edges of the members 20 and 21 in the construction illustrated in Figs. 1, 2, 3, 7, and 10 of the drawings, as will be readily understood by reference to the drawings. Secured transversely on the lower surface of each of the members of the table-top and near each of its ends are supporting-bars 23, each of which has its outer end provided with a downturned portion 24, to which is pivotally secured the upper ends of the supporting-legs 25, each of which is preferably made angular in cross-section and of iron or steel. The inner ends 26 of the supporting-bars 23 are twisted to present their faces at right angles to the lower surfaces of the bars 23 and are downturned and pivotally secured together, thus forming hinges for the members of the table-top, for it will be understood by reference to Figs. 7 and 13 of the drawings that the joints of the bars 23 are located directly beneath the adjacent edges of the members of the table-top. Secured transversely on the lower surface of the members 20 and 21, comprising the table-top, and between the supporting-bars 23 at each end thereof are other supporting-bars 27 of similar construction to the bars 23 just above described. Pivotally secured at its upper end to each of the downturned portions of each of the supporting-bars 27 is a brace-bar 28, which is pivotally secured at its lower end to another brace-bar 29, the lower end of which is pivotally secured to the lower portion of the supporting-leg on the corresponding side of the table-top. Each of the brace-bars 28 is provided on its upper edge with a recess 30 to receive a lateral projection 31 on each of the bars 29, thereby providing means to lock them in their extended positions, and thus brace the legs 25 longitudinally with respect to the table-top. The legs 25 are connected together transversely in pairs at each end of the table by means of braces 32, which are preferably made of flat pieces of metal bent downwardly at about their middle and there twisted to form portions 33, with their faces at about right angles to the faces of the parts 32 and to normally lie face to face, as shown in Figs. 1, 2, and 12 of the drawings. Extended laterally from each of the portions 33 of the braces 32 are arms 34, which, as well as the parts 32, have their outer ends secured to the supporting-legs. The portions 33 of the braces 32 are hinged together by means of

rings 35, which pass through suitable openings in said portions.

Pivotally secured to one of the supporting-legs, so as to operate transversely with respect to the table, is an arm 36, which is formed with an elbow 37 and a downwardly-projecting portion 38, to which are pivotally secured near their upper ends supporting-legs 39 for said arm. The upper end of each of the legs 39 is formed with oppositely-extending projections 40 to engage the opposite edges of the projection 38 on the arm 36, so as to hold said legs with their lower ends apart, so as to properly support the bucket-supporting arm 36, and for this purpose the legs 39 are bent in opposite directions below their fulcrum-point, all of which will be clearly understood by reference to Figs. 3 and 14 of the drawings. The downwardly-extending portion 38 is firmly held by means of a brace 41, which connects it to said arm. Pivotally secured at its lower end to the elbow 37 is a bar 42, the upper end of which has swiveled thereon at about its middle a semicircular band 43, the free ends of which are each provided with an inwardly-extending projection 44 to engage a recess 45 in the semicircular band 46, the ends of which are pivotally secured to the ends of the band 43 and form when opened, as shown in Fig. 11, a complete band or ring in which a bucket or pail containing paste or other material may be placed. The band 46 is provided at about its middle on its outer surface with an arm 47, the free portion of which is bent back upon itself to form a hook 48, which has a recess 49 to engage the lower edge of an opening 50 in the supporting-leg, to which the bucket-supporting arm is secured.

Pivotally secured to each of the legs on one side of the table-top is an elbow-arm 51, which has in one of its ends an opening 52 to receive a pin 53 on a casting 54, secured to one of the members of the table-top near the supporting-bars 23 at the ends thereof. These elbow-arms serve the double purpose of assisting in supporting or bracing the table-top, as well as a rest, by means of their upwardly-extending outer ends for a straight-edge or other instrument.

In Figs. 15 and 16 of the drawings I have shown a modification which consists in providing the inner or adjacent edges of the members 20 and 21 of the table-top with downwardly-extending flanges 22^a, which, together with the flanges 22 at the outer and end edges of said members, will form when the members are folded together a completely-closed box, whereas in the other construction one of the side edges of said box will be open by reason of the absence of the flanges 22^a at their adjacent edges. In this modified form I also employ transverse cleats 23^a, which are secured to the lower surface of the members 20 and 21 and are hinged together at their

inner ends. The cleats on one of the members of the table-top are provided with openings 55 to receive the straight-edge, which may be inserted through an opening 56 in one end of one of the members of the table-top. In this modification the supporting-legs 25 are secured to the members 20 and 21 by means of plates 57, each of which has a downturned portion 58, to which said legs are pivotally secured. The construction of the other parts is the same as those above described.

From the foregoing and by reference to the drawings it will be seen and readily understood that by opening the members 20 and 21 and lowering the supporting-legs 25 to a vertical position the brace-bars 28 and 29 will be locked so as to firmly hold the legs in an upright position, thus supporting the table in practically a rigid manner. In opening the members 20 and 21 on their hinges it is evident that the pair of legs at each end of the table, which are hinged together by means of the transverse braces 32, will also be opened from each other, when by turning the arm 36 from the position shown in Fig. 2 to that illustrated in Fig. 1 it is evident that the legs 39 may be spread apart so as to support said arm and the bands 43 and 46 adjusted with respect to one another, so as to form a complete circle, as shown in Fig. 1, when the hook 48 on the arm 47 may be placed in the opening 50 of one of the supporting-legs, thus providing a support for the paste bucket or pail. To fold the parts together, the reverse operation is employed.

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

1. In a folding table, the combination with the table-top consisting of two members hinged together at their meeting edges, of a pair of supporting-legs pivotally secured to its lower surface near each of its ends, hinged braces transversely uniting the legs of each pair, jointed connections longitudinally uniting the legs to the table-top and provided with means to hold them in their extended positions, a plate or casting secured to the lower surface of the table-top near each of its ends and each provided with a pin, and an elbow-arm transversely pivoted on each of the legs on one side of the top and each having an opening in one of its ends to receive said pins, substantially as described.

2. In a combined table and bucket-holder, the combination with the table-top, of supporting-legs one of said legs having an opening therein, a bucket-supporting arm pivotally secured to the leg having the opening therein, supporting-legs pivotally secured to the outer portion of said arm, an upwardly-extending bar pivotally secured at its lower end to the outer portion of said arm, and a foldable ring or band swiveled to the upper end of said bar and having a hooked arm to engage the opening in the supporting-leg, substantially as described.

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