P. SCARDINO.

COLLAPSIBLE TABLE FOR PAPER HANGERS' USE.

APPLICATION FILED FEB. 21, 1914.

1,140,073.

Patented May 18, 1915.

3 SHEETS—SHEET 1.

Fig. 1

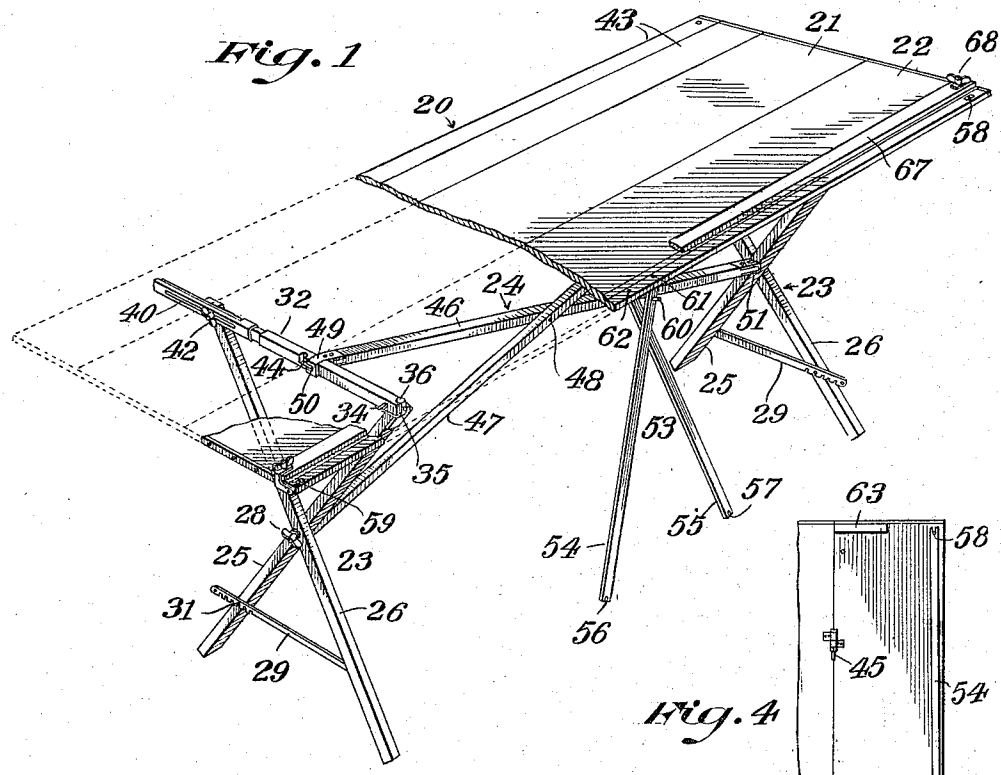


Fig. 4

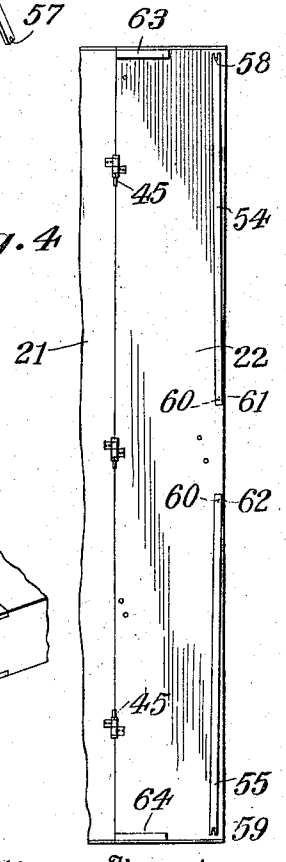


Fig. 2

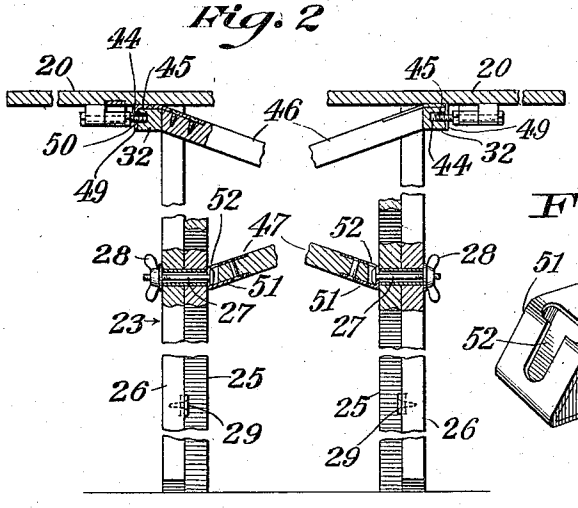
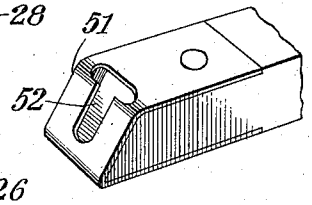


Fig. 3



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3 SHEETS—SHEET 2.

Fig. 5

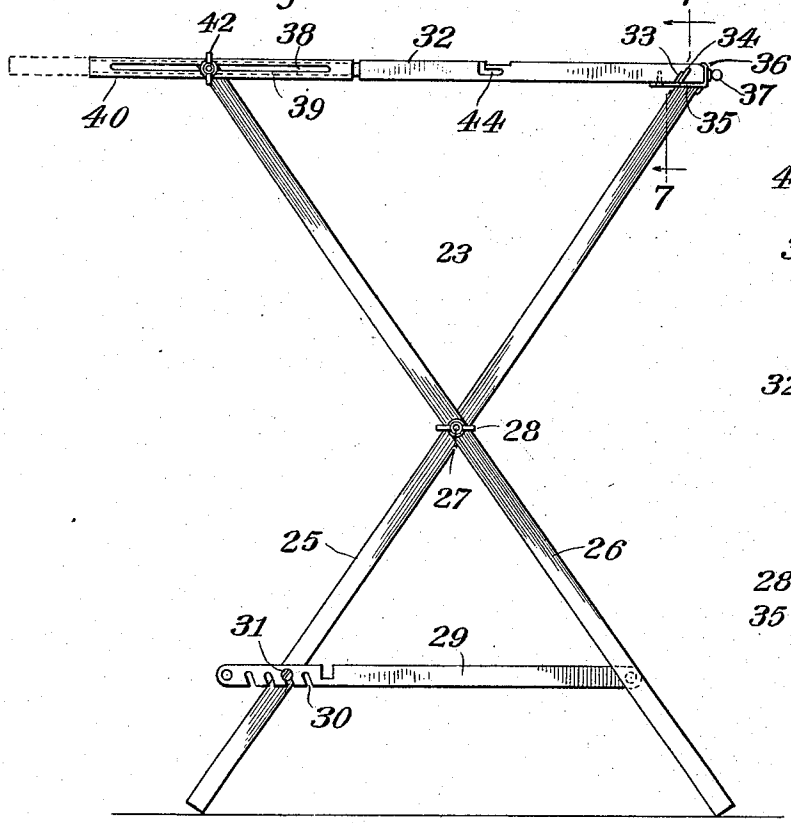


Fig. 6

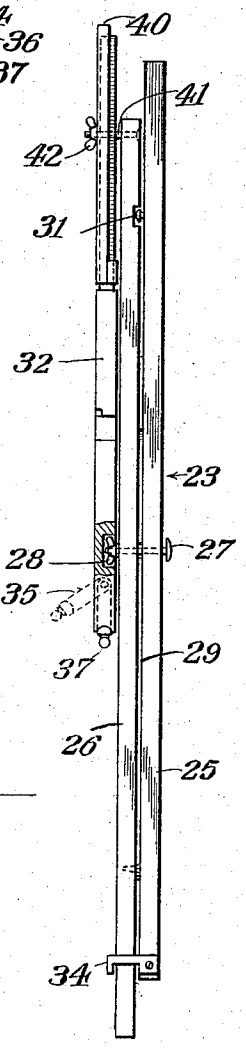


Fig. 7

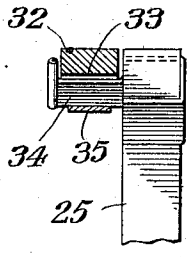
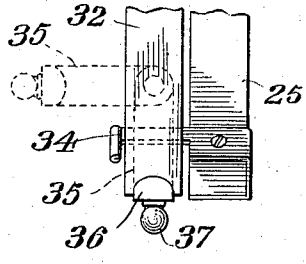


Fig. 8



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3 SHEETS—SHEET 3.

Fig. 9

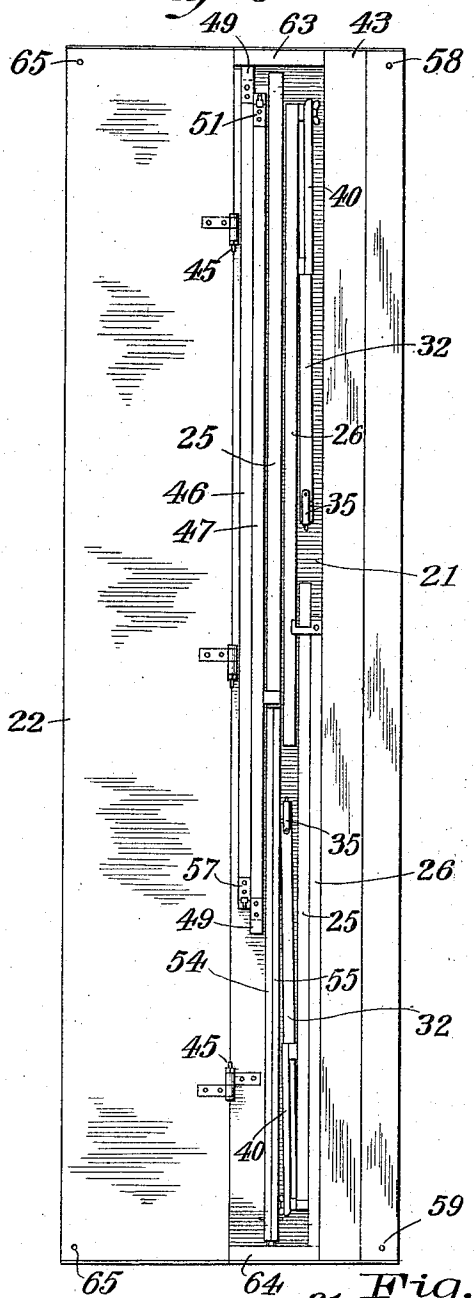


Fig. 10

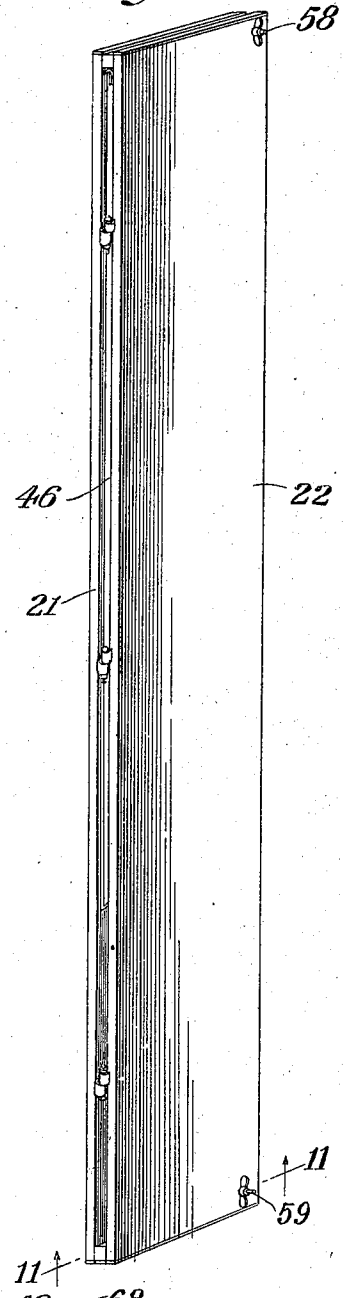
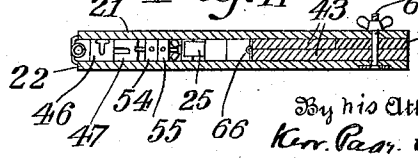


Fig. 11



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UNITED STATES PATENT OFFICE.

PIETRO SCARDINO, OF NEW YORK, N. Y.

COLLAPSIBLE TABLE FOR PAPER-HANGERS' USE.

1,140,073. Specification of Letters Patent. Patented May 18, 1915.

Application filed February 21, 1914. Serial No. 820,145.

To all whom it may concern:

Be it known that I, PIETRO SCARDINO, a subject of the King of Italy, residing in the borough of Brooklyn, county of Kings, city and State of New York, have invented certain new and useful Improvements in Collapsible Tables for Paper-Hangers' Use, of which the following is a full, clear, and exact description.

This invention relates to tables, particularly for paper-hangers' use, and its chief object is to provide a table of light but strong construction which can be "knocked down," the top of the table being capable of being folded to form a receptacle in which the table legs and other appurtenances can be stowed; the whole then forming a compact package which can be conveniently carried by the workman as he goes from house to house in the course of his trade.

To this and other ends the invention consists in the novel features of construction and combinations of elements hereinafter described.

One form of the invention is illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of the complete table, set up for use. Part of the table top is broken away to show the arrangement of the supports and the spreader. Fig. 2 is a detail side view of the table, partly in section, with parts broken away. Fig. 3 is a detail perspective view of the end of one of the members of the spreader, showing the clip by which it is connected with the table legs when the table is set up for use. Fig. 4 is a bottom plan view of part of the table-top, showing the auxiliary supports, for the front edge of the table, in the position they occupy when the table is packed for carriage. Fig. 5 is an end view of the table set up for use. Fig. 6 is a plan view of one of the end supports or horses, folded for packing. Fig. 7 is a section on line 7—7 of Fig. 5, looking in the direction of the arrows, to show the construction by which the end supports or horses are detachably joined to the upper cross pieces. Fig. 8 is a detail plan view of the parts shown in Fig. 7. Fig. 9 is a plan view of the table-top with the supports stowed thereon, ready for folding of the top. Fig. 10 is a perspective view of the table collapsed or knocked-down and packed for carriage. Fig. 11 is a section on line 11—11 of Fig. 10.

The table top 20, composed of two sections 21, 22, hinged together longitudinally, is mounted on two end-horses or supports 23, connected and braced by a spreader 24. Each horse (see Fig. 5) is of the X-form shown, comprising crossed legs 25, 26, connected by a bolt 27 and wing-nut 28, so that the two legs can be folded to the position shown in Fig. 6. To hold the horse rigidly in expanded position, with the top at any desired height, the lower portion of the leg 26 is provided with a pivoted tension member or link 29, having notches 30 to engage a stud 31 on the leg 25. At the top of the crossed legs is a transverse support 32, one end of which has, on its underside, an inclined notch 33 (see also Figs. 7 and 8) to receive the flat pin 34 on the top of leg 25, and also has on its underside a pivoted clip 35 which can be swung out to the position shown in dotted lines in Fig. 8 to permit the pin 34 to pass into or out of the notch. When the clip is swung to the position shown in Fig. 5 the pin is effectually locked in place and the leg 25 is therefore securely joined to the member 32. The upturned end 36 of the clip binds on the end of the member 32 with a firm spring pressure, thereby providing sufficient friction thereon to prevent accidental displacement of the clip, as will be readily understood. A knob 37 affords convenient grasp for the fingers in manipulating the clip. The other end of the member 32 is reduced in cross-section and has a longitudinal slot 38 coinciding with a similar slot 39 in a member 40 slidably mounted on said reduced portion. A bolt 41, with a wing-nut 42, passes through both slots and the top of leg 26, serves to hold the slide 40 in any position of adjustment. The purpose of this slide is to provide support for one or more boards 43 (Fig. 1), which may, if desired, be added to the rear of the table-top to increase the width thereof. On the sides of each member 32 is an L-shaped groove or bayonet-slot 44 to receive the projecting pintle 45 (Fig. 4) of the table-top hinges, as shown in Fig. 2.

The X-form spreader 24, Figs. 1 and 2, is composed of two crossed members 46, 47, pivoted together at 48. The upper end of each member is provided with a clip 49 to

fit over the member 32 and having a lateral notch 50 to engage the appropriate pintle 45 when the table is set up. It will of course be understood that in setting up the table for use the clips 49 are placed over the member 32; then when the top is placed in position they can be slid along the members 32 until the said notches 50 engage the pintles 45. The lower ends of the spreader members are provided with clips 51 having upwardly open slots 52 to receive the heads of the bolts 27, as in Fig. 2, after which the wing-nuts 28 are tightened up, thereby binding the legs 25, 26, and the spreader members firmly together, as will be readily understood. It will be observed that the outward pressure of the spreader holds the top members 32 in firm engagement with the pintles 45.

When the table-top is made of thin, light wood, as it usually is for convenience in carrying, the pressure of the knife or wheel used in trimming the paper may cause too much downward bending of the front edge of the top. In such event the front-edge may be supported by an auxiliary support 53, composed of two crossed legs 54, 55, detachably connected to the underside of the table-top in any convenient manner, not shown. When the table is knocked down, the supporting members are stowed inside the top as follows: The auxiliary supports or legs 54, 55 are placed at the edge of the top as in Fig. 4, with their end-notches 56, 57 engaging pins 58, 59, on the table-top, after which the lateral pins on the other ends of the legs (one of which pins is shown at 60, in Fig. 1) are pressed down into holes 61, 62, (Fig. 1) in the table-top. The boards 43 are now laid on top of the legs 54, 55 (see Fig. 9), after which the end-horses, folded as in Fig. 6, but with the bolts 27 removed, are laid alongside of the boards 43; longitudinal movement of the folded horses being prevented by edge-pieces 63, 64 secured at the ends of section 22 of the table-top. The folded spreader is now placed alongside of the folded horses. Instead of utilizing the legs 54, 55 (Figs. 1 and 4) as edge-pieces in the manner described, they can be stowed between the spreader and the end-horses as in Fig. 9. The parts having all been laid in place on section 22 of the table-top, the section 21 is folded over upon the parts as in Fig. 10, after which the bolts 27 (removed from the end-horses as stated above) are put through the holes 65 (Figs. 1 and 9). The wing nuts 28 can then be tightened, binding the whole into a flat, compact package as shown in Fig. 9. If desired, particularly when the legs 54, 55 are stowed as in Fig. 9, the boards 43 (Fig. 1) can be hinged together as at 66, and disposed as in Fig. 10. In that case a space is left between the upper board 43 (as seen in Fig. 10) and the edge of the table, which space can be utilized to receive a straight edge 67, the latter being provided with suitable holes for the binding bolts. Instead of utilizing the bolts 27 to bind the packet table together, as described, a pair of bolts (one of which is shown at 68, Fig. 10) may be employed for the purpose, which bolts may also serve as part of the pivoted and detachable straight edge 69, Fig. 1. The latter is described and claimed in my co-pending application filed of even date herewith and hence need not be further described here.

It is to be understood that the invention is not limited to the particular construction herein described, but can be embodied in other forms without departure from its proper spirit and scope.

I claim:

1. A collapsible table having a top composed of longitudinal sections, hinges joining the sections to permit the same to fold one upon the other and having projecting pintles, and collapsible end-horses having transverse upper members provided with means to engage the said projecting pintles to detachably secure the top of the said end-horses.

2. A collapsible table comprising a top composed of longitudinal sections, hinges joining the sections to permit the same to fold one upon the other and having projecting pintles, collapsible end-horses having upper members provided with means to engage the said pintles to detachably secure the top to the said end-horses, and a collapsible spreader between the end-horses and having means to detachably engage the end-horses, the said upper members, and the said pintles; said end-horses and spreader being adapted to be stowed, when collapsed, between the folded sections of the top.

In testimony whereof I affix my signature in the presence of two subscribing witnesses.

PIETRO SCARDINO.

Witnesses:
THOMAS J. BYRNE,
S. S. DUNHAM.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."