(No Model.)

R. J. NEILL.

SECTIONAL TOP FOLDING TABLE.

No. 482,525. Patented Sept. 13, 1892.

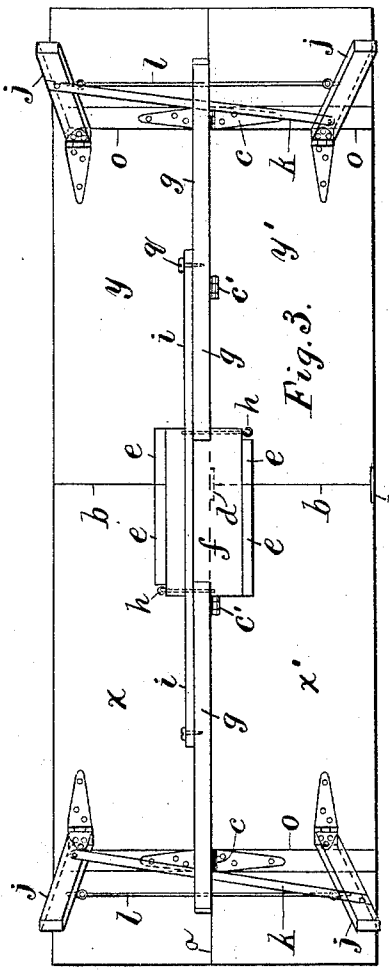

Fig. 3.

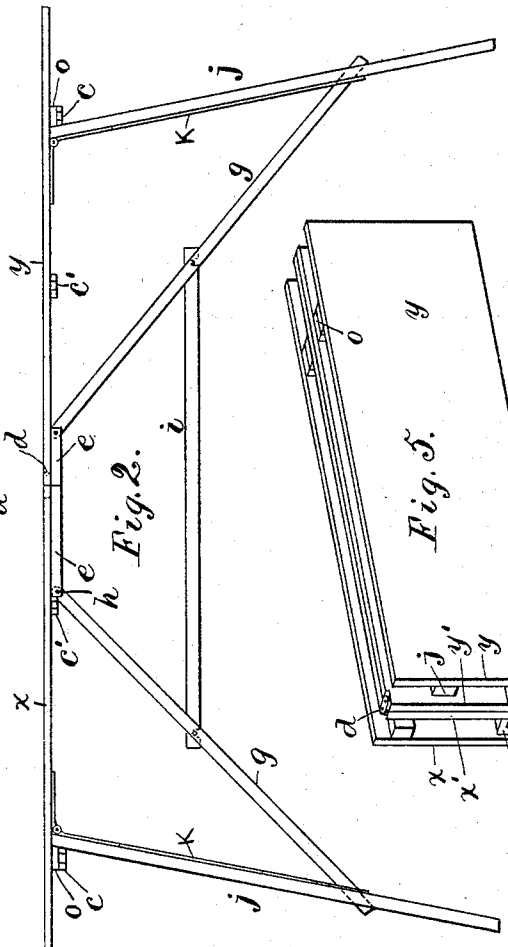

Fig. 2.

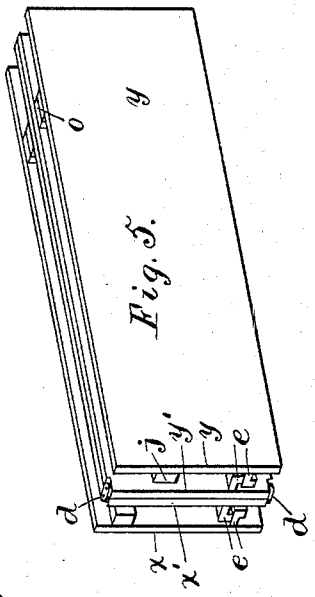

Fig. 5.

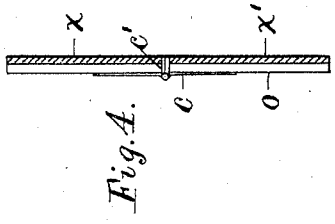

Fig. 4.

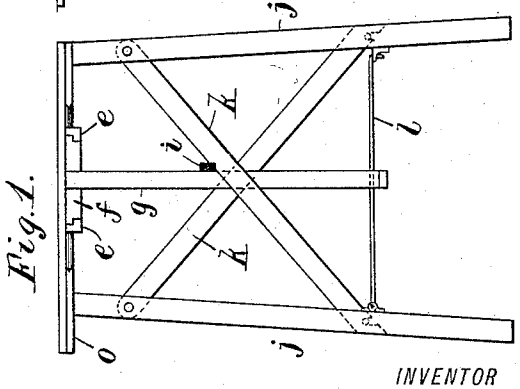

Fig. 1.

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UNITED STATES PATENT OFFICE.

ROBERT J. NEILL, OF ELIZABETH, NEW JERSEY.

SECTIONAL-TOP FOLDING TABLE.

SPECIFICATION forming part of Letters Patent No. 482,525, dated September 13, 1892.

Application filed May 24, 1892. Serial No. 434,158. (No model.)

To all whom it may concern:

Be it known that I, ROBERT J. NEILL, a citizen of the United States, residing at Elizabeth, Union county, New Jersey, have invented certain new and useful Improvements in Sectional-Top Folding Tables, fully described and represented in the following specification and the accompanying drawings, forming a part of the same.

This invention consists in a folding table especially adapted for the use of paper-hangers.

The construction will be understood by reference to the annexed drawings, in which—

Figure 1 is an end elevation with the cleats broken away to show rabbeted plate, and Fig. 2 a side elevation of the table set up for use. Fig. 3 is a plan of the under side of the table; Fig. 4, a cross-section of the table-top, showing the hinges *c* and *c'*; and Fig. 5 represents the table folded up in readiness for transportation.

The table-top is made of thin boards and divided on the lines *a b*, separating it into four sections *x x'* and *v v'*. The sections are jointed across the line *a* by hinges *c*, fixed upon transverse cleats *o*, and hinges *c'*, projected from the joint, as shown in Fig. 2, and the sections *x'* and *v'* are joined upon the line *b* by hinges *d* at the opposite edges of the sections. At the central junction of the four boards a rabbeted plate *f* is fitted to four rabbeted strips *e*, one upon each of the boards, thus holding the boards flat when opened, the cross-joint *b* being also secured by means of hooks *m*. Legs *j* are attached to the table by hinges *p*, and are connected by means of a hook-rod *l*, fitted to eyes upon the opposite legs. A brace *k* is also pivoted to the inner side of one leg at each end of the table and is notched at its outer end to fit upon a pin *k'* upon the inner side of the other leg. The braces *k* stiffen the legs diagonally, while the hook-rod *l* presses them laterally. A brace *g* is secured by removable pins *h* to each end of the plate *f*, and is fitted by means of a notch to hook over the middle of the rod *l*. Pins or screws with heads *q* are inserted in the braces *g*, and a tie-bar *i* is notched to fit over such pins, thus holding the braces in place. The hinges *d* consist each in a flat plate let in the edges of the sections *x'* and *y'*, with a screw in each end to form the joint, as shown in Figs. 2 and 3, and permit the boards *x'* and *y'* to be folded with their top sides together after the boards *x* and *y* have been folded over upon the hinges *c c'* with their inner sides together. The location of the hinges *c* upon the cleats *o* separates the boards when folded together upon the line *a*, thus providing room between the boards for the legs *j*, which are folded inward upon the hinges *p*. The space between the boards also furnishes room to accommodate the block *e* and the braces *g* and *i*, the braces being separated from the block by withdrawing the pins *h*. When folded together, as shown in Fig. 4, the table-top thus forms two parts, which would be connected only by the hinges *d*; but a hook *s* may also be applied at the opposite end of the parts to hold them together, or the same may be secured together by means of a hand-strap provided with a handle to carry the same.

Folding tables have been formed heretofore with the top in four pieces; but mine differs from any previous construction in the method of jointing and folding the parts, so that the upper sides of the boards *x'* and *y'* are turned toward one another when the table is packed for transportation. My invention also differs from others in the combination of the rabbeted plate *f* with the four rabbeted strips *e*, one upon each of the boards which form the table-top. When such plate is inserted in place, as shown in Fig. 3, the heads of the pins *h* prevent it from displacement by their contact with the ends of the adjacent strips *e*, and the various braces are thus firmly held in place and the legs supported in the desired manner.

I am aware of the constructions shown in United States Patents No. 22,371, issued December 21, 1858; No. 155,511, September 29, 1874, and No. 307,623, November 4, 1884, and I hereby disclaim such constructions.

Having thus set forth the nature of my invention, what I claim herein is—

1. A sectional folding table having the top provided with hinged legs and divided into the four boards *x*, *x'*, *y*, and *y'*, connected together by the hinges *c*, *c'*, and *d*, as set forth, and the boards being provided at their central junction with the rabbeted strips *e*, and the rab-

beted plate *f*, fitted thereto, substantially as set forth.

2. A sectional folding table consisting in the four boards provided at their central junction with the rabbeted strips *e*, the plate *f*, fitted thereto, with the pins *h* bearing upon the ends of the strips *e*, the hinges *c*, mounted upon the cleats *o*, the legs *j*, provided with the hook-rods *l* and braces *k*, and the braces *g*, fitted to the rods *l* and attached to the plate *f* by the removable pins *h*, substantially as herein set forth.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

ROBERT J. NEILL.

Witnesses:
L. LEE,
T. S. CRANE.