C. H. TABER.

COMBINED PAPERING BOARD AND SCAFFOLD.

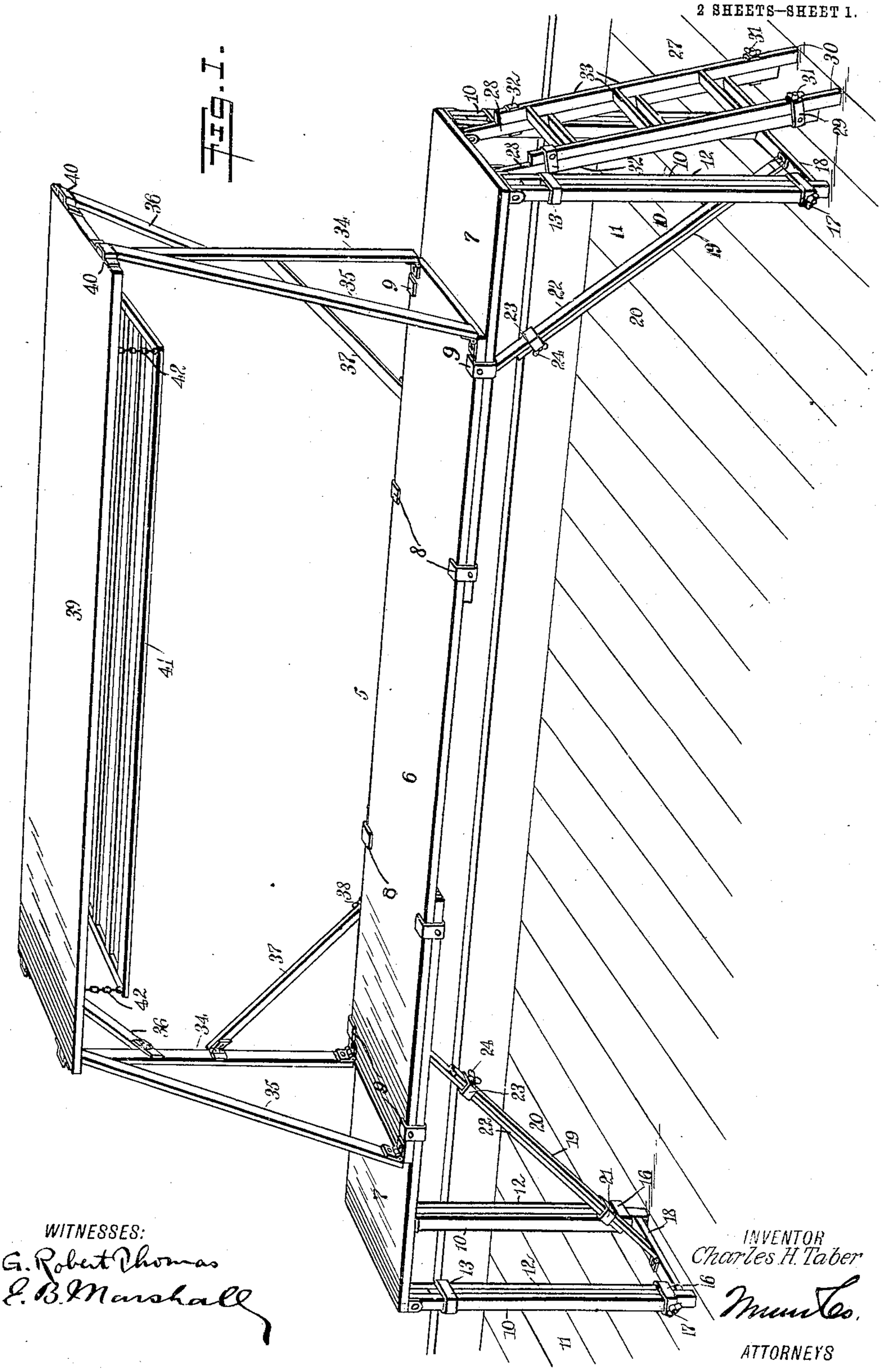
APPLICATION FILED JUNE 4, 1910.

979,220.

Patented Dec. 20, 1910.

2 SHEETS—SHEET 1.

FIG. 1.



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2 SHEETS—SHEET 2.

FIG. 2.

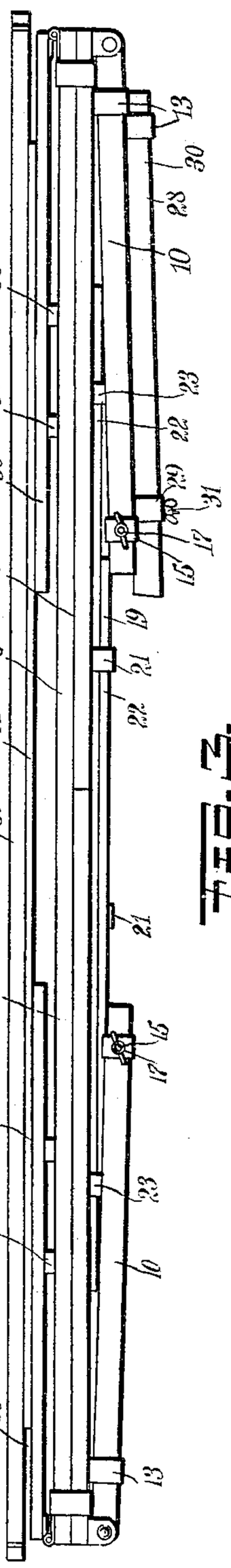


FIG. 3.

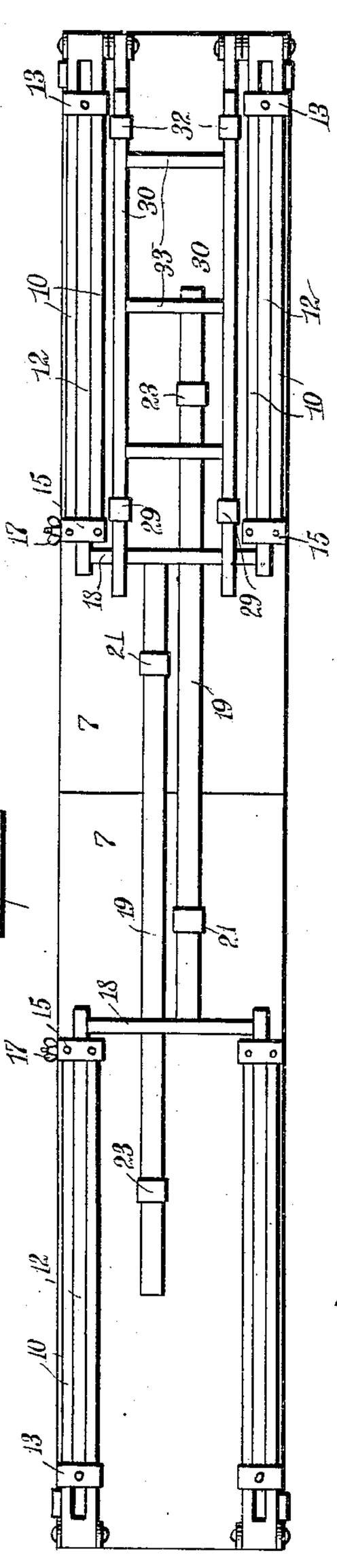


FIG. 5.

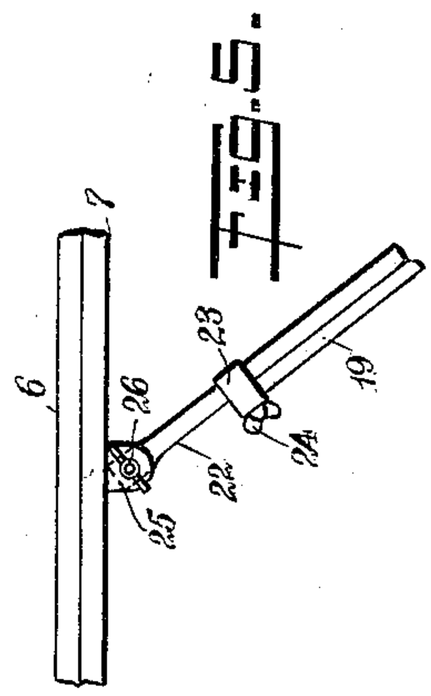


FIG. 1.

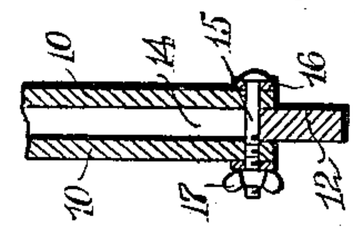
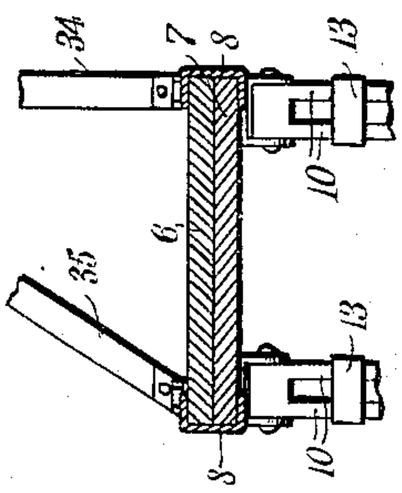


FIG. 4.



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CHARLES HEWELL TABER, OF WOODLAWN, PENNSYLVANIA.

COMBINED PAPERING BOARD AND SCAFFOLD.

979,220. Specification of Letters Patent. Patented Dec. 20, 1910.

Application filed June 4, 1910. Serial No. 564,972.

To all whom it may concern:

Be it known that I, CHARLES H. TABER, a citizen of the United States, and a resident of Woodlawn, in the county of Beaver and State of Pennsylvania, have invented a new and Improved Combined Papering Board and Scaffold, of which the following is a full, clear, and exact description.

My invention relates to papering boards and scaffolds, and it has for its object to provide one in which the papering board is supported on the scaffold, making it unnecessary for the workmen to climb down from the scaffold to paste each strip of paper.

Another object of the invention is to so construct and assemble the parts that the combined board and scaffold may be adjusted as to height and length to meet all requirements. The device is also so constructed that it may be readily knocked down, which will facilitate its transportation.

Still other objects of the invention will appear in the following complete description.

In this specification I will describe the preferred form of my invention, it being understood that the scope of the invention is defined in the appended claims.

Reference is to be had to the accompanying drawings forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the views, and in which—

Figure 1 is a perspective view of the invention; Fig. 2 is a side elevation of the device when it has been knocked down for transportation; Fig. 3 is an inverted plan view of the invention; Fig. 4 is a transverse sectional view showing details of the construction; Fig. 5 is a fragmentary view showing the method of securing the brace members to the auxiliary members of the platform; and Fig. 6 is a sectional fragmentary view showing the method of securing the members of the extension legs relatively to each other.

By referring to the drawings it will be seen that an extensible platform 5 is provided, having a main member 6 and two auxiliary members 7. The auxiliary members 7 are disposed under the main member 6, the combined length of the auxiliary members being substantially the same as the length of the main member. Guide members 8 are secured to the sides of the auxiliary members 7, the guide members engaging the top of the main member 6, similar guide members 9 being secured to the sides of the main member 6 and engaging the under side of the auxiliary members 7 respectively. With this construction it will be seen that it is possible to move the auxiliary members 7 longitudinally relatively to the main member 6, so that the length of the platform may be increased or decreased, as may be desired.

Hinged to the outer terminals of the auxiliary members 7 are members 10 of the extensible legs 11. Two pairs of these members 10 are hinged to each of the auxiliary members 7 and between each pair of these members 10 there is a leg member 12, which is adapted to slide vertically relatively to the members 10. The leg members 12 are provided with bands 13, which are disposed around the members 10. As shown in Fig. 6 of the drawings, each of the leg members 12 has a vertical slot 14, through which is disposed a bolt 15, which projects through orifices in a band 16 secured around the lower terminals of the members 10. The bolts 15 are provided with wing nuts 17, by means of which it is possible to draw together the sides of the lower terminals of the members 10 to clamp the members 12 in position after the platform 5 has been raised to the desired height. The lower terminals of the members 12 are connected by transverse members 18, to which are hinged members 19 of extensible braces 20, the members 19 of these extensible braces 20, which are two in number, one for each pair of legs, having secured to them, loop members 21 which are disposed around the other members 22 of the braces. The members 22 also have similar loop members 23 disposed around the members 19, these members 23 having threaded orifices through which are disposed screws 24, which are adapted to press against the members 19 to hold them in position relatively to the members 22. As shown in Fig. 5 of the drawings, the members 22 of the extensible braces have threaded orifices in their upper terminals, which are adapted to register with orifices in lugs 25, pins or screw members 26 being disposed in these orifices to hold the members 22 in position relatively to the auxiliary members 7, to which the lugs 25 are secured.

To the outer terminal of one of the auxiliary members 7 is hinged an extensible lad-

der 27, the members 28 of this ladder being hinged to the end of the said auxiliary members 7 between the legs, these members 28 being provided with loop members 29, which are disposed around companion ladder members 30, the loops 29 having threaded orifices with screws 31, which are adapted to press against the members 30 to hold them in position relatively to the members 28. The members 30, at their upper ends, are provided with loop members 32, which are disposed around the members 28, as shown in the drawings. Ladder rounds 33 connect the members 30 and also the members 28.

To the ends of the main member 6 are hinged supports 34 and 35, the supports 34 being adapted to be raised to positions at right angles to the sides of the ends of the main member 6, the supports 35 being disposed obliquely in the direction of the supports 34, to which they are secured at their upper terminals. Hinged to the supports 34 are additional obliquely-disposed supports 36. Brace members 37 are also hinged to the supports 34, the brace members 37 being disposed downwardly and having orifices in which are disposed screws 38, which mesh in threaded orifices in the sides of the main member 6. A table 39 is provided, having sockets 40 in which are disposed the upper terminals of the supports 34 and the obliquely-disposed supports 36, the upper terminals of these supports 34 and 36 having shoulders, which limit the downward movement of the table 39 relatively to the supports. Under the table is disposed a rack 41, there being ropes or chains 42 which connect the rack with the bottom of the table, by which means the rack is supported.

To erect the scaffold the legs are disposed downwardly at right angles to the platform and the platform is raised to the desired height, the wing nuts 17 being unscrewed permitting the leg members 12 to remain stationary. When the platform 5 has been raised as desired, the wing nuts 17 are turned home, thereby clamping the leg members 12 relatively to the members 10 and furnishing a support for the platform. This having been done, the wing nuts 24 of the extensible braces are unscrewed and the members 22 are moved upwardly until the orifices in their upper terminals register with the orifices in the lugs 25, which are secured to the auxiliary members 7 of the table. This having been done, the pins 26 are inserted in the orifices respectively, by which means the upper terminals of the extensible braces are secured in position, after which the wing screws 24 are turned home, holding the members 19 and 22 of the extensible braces in position relatively to each other, by which means the legs 11 are braced. The wing screws 31 of the ladder 27 are then unscrewed, freeing the members 30 and permitting them to descend. The ladder is then adjusted to the desired angle, with the lower terminals of the members 30 resting on the floor. The screws 31 are then turned home, the screws engaging the members 30 and holding them relatively to the members 28, the screws 31 being disposed in orifices in the bands 29, which are secured to the members 28 as has been described. The workman then climbs up the ladder and raises the supports 34 and 35, bracing the supports 34 by means of the braces 37, the lower terminals of which are secured to the sides of the main member 6 by means of the screws 38, which are disposed through orifices in the lower terminals of the braces 37, the screws meshing in the said orifices in the main member 6. The supports 34 and 35 having been raised and the braces having been secured in position, the supports 36 are turned outwardly and the upper terminals of the supports 34 and 36 are disposed in the sockets of the table 39. The table will then be found to be in position where it may be used by the workman standing on the platform. Without readjusting the legs, or the table, it is possible for the workman to extend the platform merely by drawing out the auxiliary members 7.

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

1. In a combined papering board and scaffold, an extensible platform, extensible legs hinged to the platform, extensible braces hinged to the extensible legs, means adapted for securing the extensible braces to the extensible platform, an extensible ladder hinged to the extensible platform, supports hinged to the extensible platform, and a table mounted on the supports.

2. In a combined papering board and scaffold, an extensible platform, extensible legs hinged to the platform, extensible braces hinged to the extensible legs, means adapted for securing the extensible braces to the extensible platform, an extensible ladder hinged to the extensible platform, supports hinged to the extensible platform, a table mounted on the supports, a rack disposed below the table, and means supporting the rack, secured to the table.

3. In a combined papering board and scaffold, an extensible platform, consisting of a main member, two auxiliary members and supporting means connecting the main member with the auxiliary members, which permits the auxiliary members to be slid longitudinally relatively to the main member, extensible legs hinged to the auxiliary members on transverse axes, extensible braces hinged to the legs on transverse axes, means for connecting the extensible braces with the auxiliary members, means for holding the members of the extensible legs and braces

in adjusted position, a ladder hinged to one of the auxiliary members, supports hinged to the main member on transverse axes, additional supports hinged to two of the first-mentioned supports respectively, a table, means for supporting the table on two of the first-mentioned and on the additional supports, braces hinged to two of the first-mentioned supports, and means for securing the terminals of the last-mentioned braces to the extensible platform.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

CHARLES HEWELL TABER.

Witnesses:

HARRY B. LORD,

DALLAS H. MCCLINTOCK.