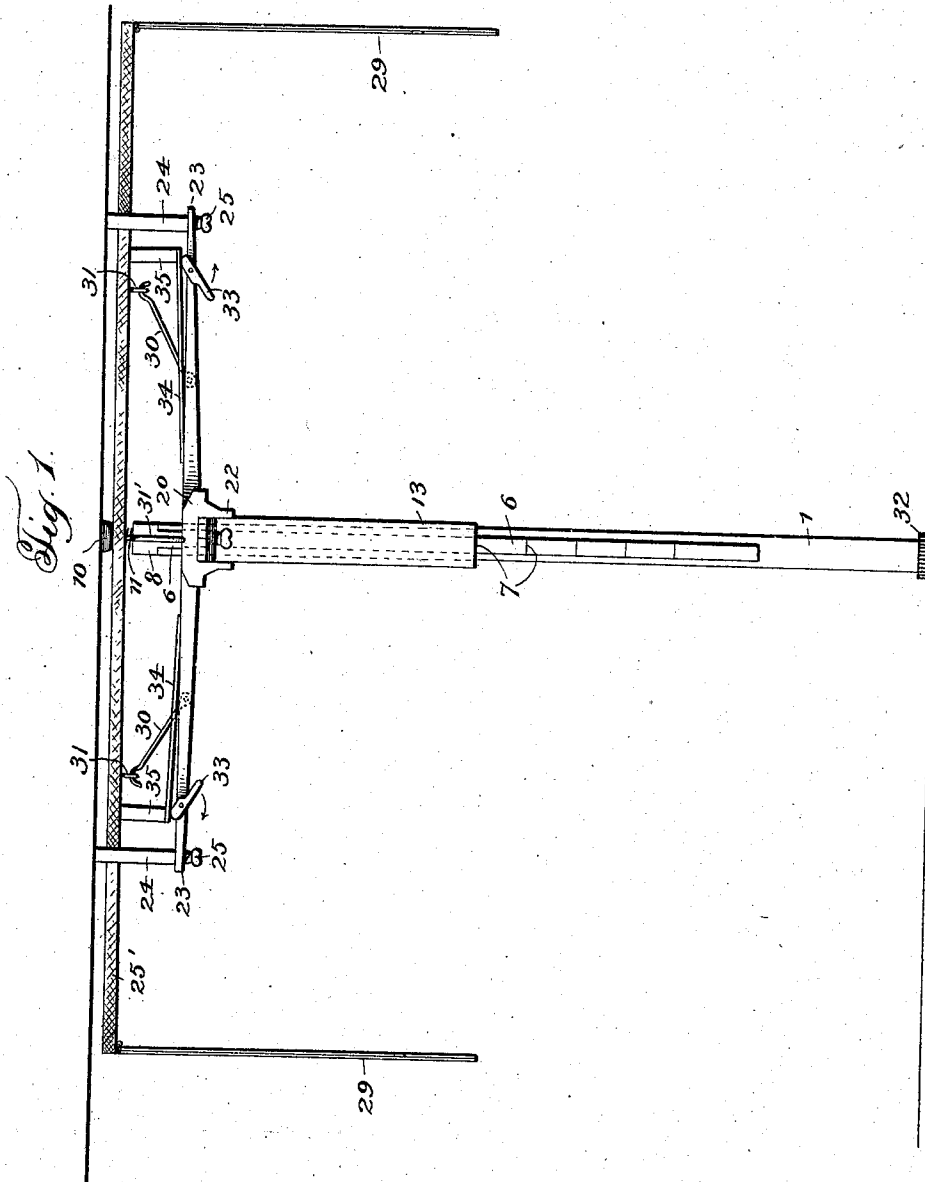


No. 847,924.

PATENTED MAR. 19, 1907.

E. E. ETTER.
WALL PAPERING MACHINE.
APPLICATION FILED MAY 9, 1906.

3 SHEETS—SHEET 1.



Witnesses:

Jas. Hutchinson.
J. L. Lawlor.

Inventor:

Inventor:
Edmund C. Etter,
by Prindle & Williamson,
his Attorneys.

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3 SHEETS—SHEET 2.

Fig. 2.

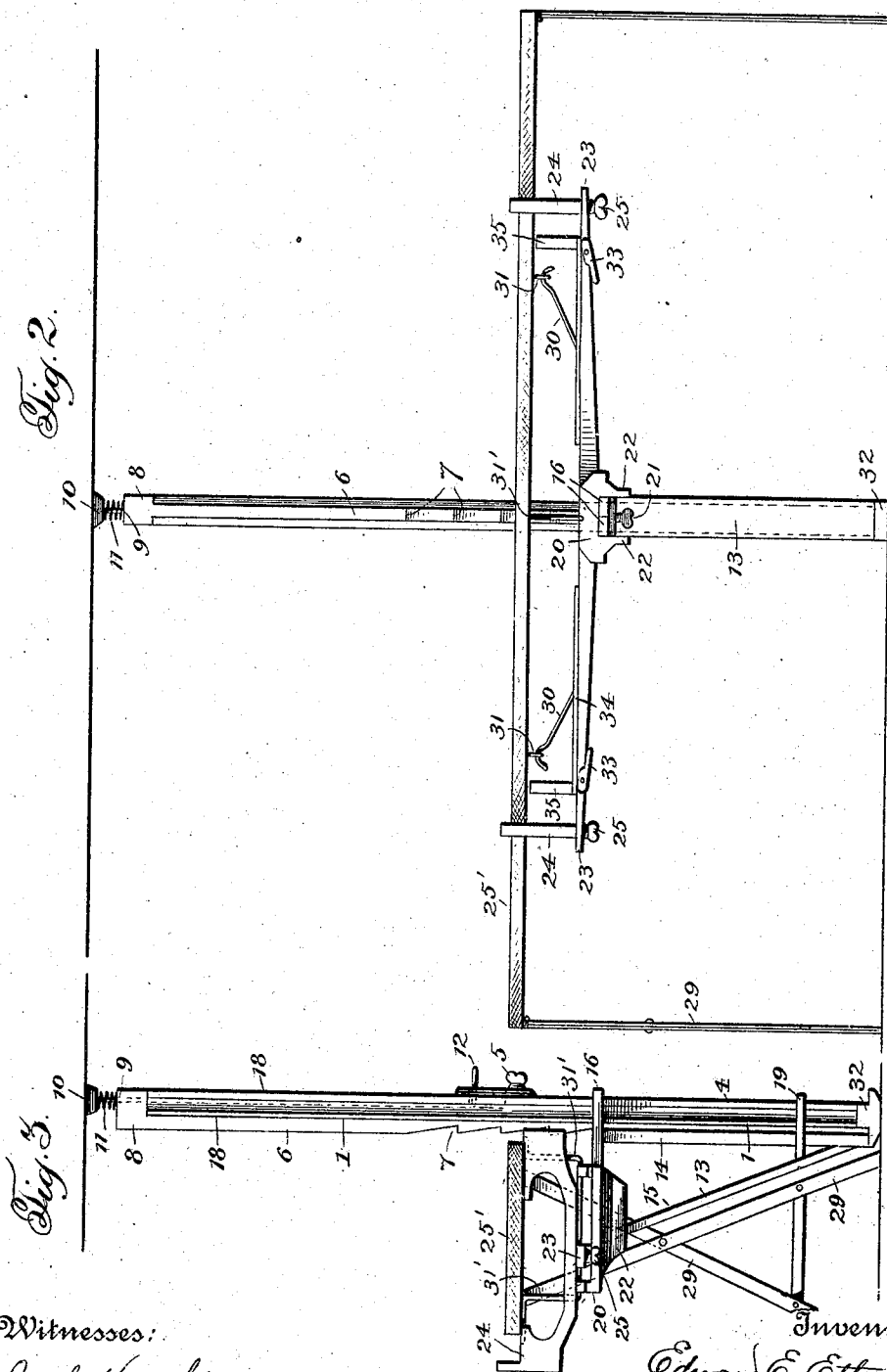


Fig. 3.

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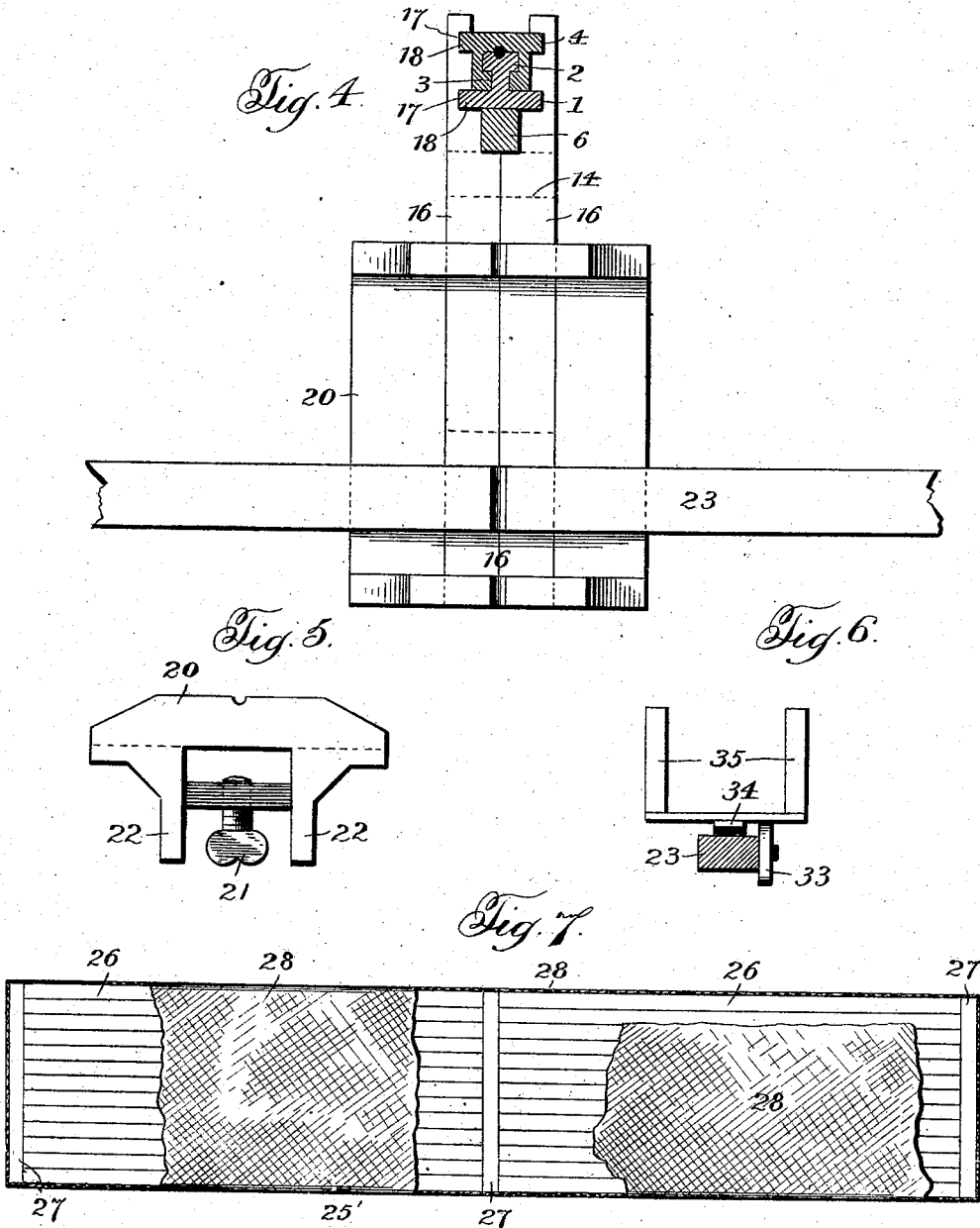
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3 SHEETS—SHEET 3.



Witnesses:
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UNITED STATES PATENT OFFICE.

EDWARD E. ETTER, OF CHAMBERSBURG, PENNSYLVANIA.

WALL-PAPERING MACHINE.

No. 847,924.

Specification of Letters Patent.

Patented March 19, 1907.

Application filed May 9, 1906. Serial No. 316,010.

To all whom it may concern:

Be it known that I, EDWARD E. ETTER, of Chambersburg, in the county of Franklin and in the State of Pennsylvania, have invented a certain new and useful Improvement in Wall-Papering Machines; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing, in which—

Figures 1 and 2 are side elevations of a papering-machine embodying my invention, the machine being shown in different positions. Fig. 3 is an end view of Fig. 2. Figs. 4, 5, and 6 are detail views. Fig. 7 is a plan view of the table for supporting the paper.

The object of my invention has been to provide a machine by which paper can be applied to the ceilings of rooms while the operator stands on the floor; and to such ends my invention consists in the papering-machine hereinafter specified.

In carrying my invention into practice I provide an upright consisting of a section 1, having a T-shaped rib 2 formed thereon, which rib is received in a T-shaped groove 3 in a second section 4. An extensible upright is thereby formed. The sections of the upright can be clamped in any desired position by a thumb-screw 5. A strip 6 extends along the upright and is provided with notches or steps 7, for a purpose to be described. The said strip has a head 8, that extends over the top of the upright, and a rod 9 is mounted in a hole formed by grooves in the adjacent faces of the sections 3 and 4, the upper portion of the rod passing through a hole in the head 8. The upper end of the rod 9 carries a block or pad 10, that is adapted to be forced against the ceiling by a spring 11, interposed between the block or pad and the head 8. The lower end of the rod 9 is bent to form a handle 12, that extends through a slot in one of the upright sections, so that the block or pad 10 may be lowered from the ceiling in order to put the machine in a different position. A bracket 13 is mounted on the upright, such bracket consisting of a vertical strip 14, that is adapted to bear against the face of the notched strip 6 of the upright and of an inclined brace 15, said vertical strip and brace supporting at their top two horizontal pieces 16, that are provided with notches 17 to engage flanges 18, formed on the upright sections. The bracket also has side pieces 19, that embrace the upright to prevent lateral displacement of the bracket.

The lower end of the vertical piece 14 of the bracket is adapted to engage and rest upon the notches or shoulders 7 on the strip 6 to hold the bracket in an upper position. A slide 20 is mounted on the horizontal pieces 16 of the bracket and is adapted to be secured in adjusted position by a thumb-screw 21, (which is threaded in a cross-piece between the vertical side pieces 22 of the slide,) and thus to engage the horizontal pieces 16. A bar 23 is secured horizontally to the slide 20 and is adapted to support table-holders 24 on its outer ends. Each table-holder 24 is provided with a thumb-screw bolt 25, that passes through a hole in the bar 23, so that the table-holder can be clamped to the bar by tightening the thumb-screw. The table consists of a rectangular frame 25', having bars 26 extending longitudinally thereof and close together, the bars being connected at intervals by cross-bars 27. The frame thus formed is preferably covered with canvas 28. At each end of the table is hinged a rest or pair of legs 29. The bar 23 is provided with a pair of hooks 30, that are adapted to engage eyes 31 on the frame 25 to prevent longitudinal displacement of the table. Near each end of the bar 23 a cam 33 is pivoted to the bar, and such cam bears on the under side of a flexible strip 34, that is secured to the upper side of the bar 23. The strip 34 carries a cross-piece on each end of which is secured a block 35. When the cams 33 are turned to a vertical position, they raise the table against the ceiling.

In the use of the above-illustrated embodiment of my invention the bracket is allowed to rest upon the base 32 of the upright, and the legs 29, as well as the table-holders, support the table. In the center the table may be supported by a brace 31', preferably formed of a bent rod, which brace rests in the notches on the slide 20 and is bent up to engage the under side of the table. The paper is laid upon the table, and the paste is applied thereto in any desired manner. The bracket is then raised until the table is brought close to the ceiling of the room. The paper is then adjusted accurately in position either by shifting the upright or by moving the slide 20 on the bracket or by moving the table on the table-holder. The table is then pressed against the ceiling by turning the cams 33 on their pivots on the bar 23, so that they raise the flexible strips 34 and raise the lugs 35, carried thereby, and

thus the table is pressed against the ceiling. The paper is then secured in place by the use of a long-handled brush or any other means that can be conveniently used while standing
5 on the floor.

It is obvious that various changes can be made in the above-illustrated construction, which will be within the spirit of my invention, and I do not desire to be limited to the
10 details of construction illustrated.

I claim—

1. In a papering-machine, the combination of an upright that is extensible, a table, and means for raising and lowering the table
15 on the upright without disturbing the adjustment of the latter.

2. In a papering-machine, the combination of an upright, a vertically-movable rod having a block at its upper end, and a spring
20 between said block and said upright, tending to force said block against the ceiling.

3. In a papering-machine, the combination of an upright consisting of sections slidable on each other, a rod slidably mounted on
25 said upright, a block mounted on the upper end of said rod, a spring interposed between said upright and said block, and a paper-carrying table mounted on said upright.

4. In a papering-machine, the combination of an upright consisting of sections slidable on each other, a rod slidably mounted on said upright, a block mounted on the upper
30 end of said rod, a spring interposed between said upright and said block, and a paper-carrying table mounted on said upright, said rod having a handle whereby it may be drawn downward.

5. In a papering-machine, the combination of an upright that is adapted to be extended between a floor and ceiling, a bracket
40 slidably mounted on said upright, said bracket having a paper-carrying table, said upright being provided with a series of steps or notches that are adapted to be engaged by
45 said bracket to hold the table against the ceiling.

6. In a papering-machine, the combination of an upright that is adapted to extend between the floor and the ceiling, a bracket
50 slidably mounted on said upright, said bracket having a paper-carrying table, means for securing said bracket in position to hold said table near the ceiling, and a cam carried by said bracket and adapted to force
55 said table against the ceiling.

7. In a papering-machine, the combination of an upright adapted to be secured between a floor and ceiling, a bracket vertically
60 movable on said upright, a slide horizontally movable on said bracket, and a paper-carrying table mounted on said slide.

8. In a papering-machine, the combination of an upright that is adapted to be se-

cured between a floor and ceiling, a bracket vertically movable on said upright, a slide
65 horizontally movable on said bracket, an arm horizontally secured to said slide, table-holders detachably secured to the ends of said arm, and a table mounted on said holders.

9. In a papering-machine, the combination of an upright that is adapted to be secured between a floor and ceiling, a bracket
70 vertically movable on said upright, a slide horizontally movable on said bracket, an arm horizontally secured to said slide, table-holders detachably secured on said bracket, and
75 a table mounted on said holders, said table being provided with legs hinged thereto at each end.

10. In a papering-machine, the combination of an upright that is adapted to be secured between a floor and ceiling, a bracket
80 vertically movable on said upright, a slide horizontally movable on said bracket, an arm horizontally secured to said slide, table-holders detachably secured to the ends of said
85 arm, and a table mounted on said holders, said slide being provided with a movable support between said table-holders to support the middle of the table.
90

11. In a papering-machine, the combination of an upright that is adapted to be secured between a floor and ceiling, a bracket
95 vertically movable on said upright, a slide horizontally movable on said bracket, an arm horizontally secured to said slide, table-holders detachably secured to the ends of said arm, and a table on said holders, said
100 arm being provided with a hook adapted to be secured to said table to prevent longitudinal displacement.

12. In a papering-machine, the combination of an upright adapted to be secured between a floor and ceiling, a bracket vertically
105 movable on said upright, and a paper-carrying table horizontally adjustable on said bracket.

13. In a papering-machine, the combination of an upright that is adapted to be extended between the floor and ceiling, a
110 bracket slidably mounted on said upright, said bracket having a paper-carrying table, means for securing said bracket in a position to hold said table near the ceiling, a cross-bar supporting said table from said bracket,
115 a flexible strip secured to said cross-bar near each end thereof, a cam on each end of said cross-bar under said strips, and lugs on said strips adapted to support said table.

In testimony that I claim the foregoing I
120 have hereunto set my hand.

EDWARD E. ETTER.

Witnesses:

WILLIAM H. ARRIS,
WM. B. REMMEL.