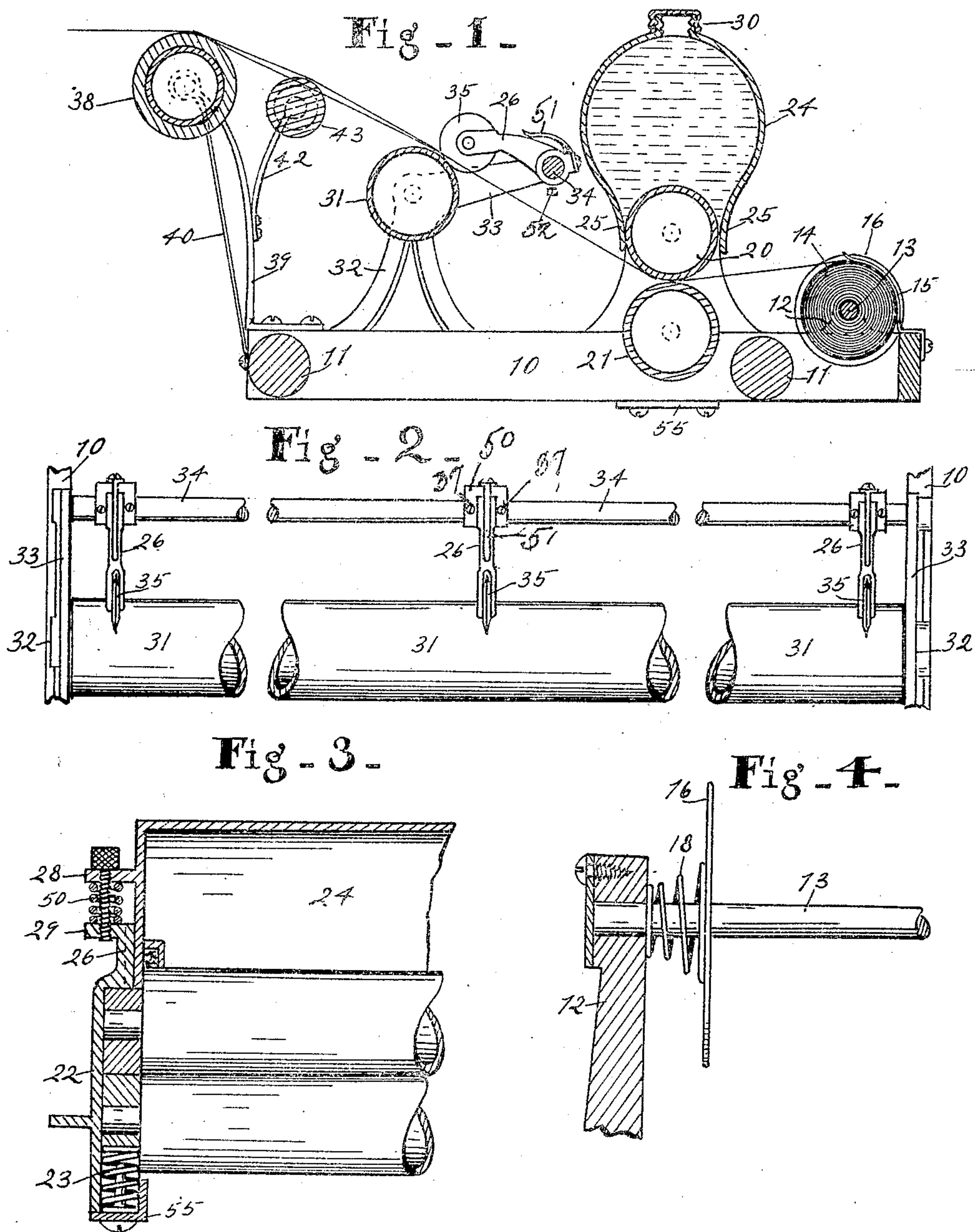


No. 880,852.

PATENTED MAR. 3, 1908.

R. WISSLER.
PAPER HANGING DEVICE.
APPLICATION FILED JULY 12, 1907.



WITNESSES:
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PAPER-HANGING DEVICE.

No. 880,852.

Specification of Letters Patent.

Patented March 3, 1908.

Application filed July 12, 1907. Serial No. 383,533.

To all whom it may concern:

Be it known that I, ROLANDO WISSLER, of Indianapolis, county of Marion, and State of Indiana, have invented a certain new and useful Paper-Hanging Device; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, in which like letters refer to like parts.

This invention relates to a portable paper-hanging device which carries the roll of paper, a paste applying means, a trimming mechanism and a pressure roll for pressing the paper in place on the wall as the device is held and moved by hand.

The features and details of the invention will be understood from the accompanying drawings and the following description and claims.

In the drawings Figure 1 is a central vertical section through the device with a sheet of wall paper extending therethrough. Fig. 2 is a plan view of the trimming mechanism. Fig. 3 is a central vertical transverse section through the mounting and one end of the paste rolls. Fig. 4 is a vertical section through one end of the means for supporting and carrying a paper roll.

A light frame is provided consisting of the two side bars 10 with transverse handles 11 which has two functions, that of handles and also as transverse bars for forming and completing the frame. Upon the frame there are posts 12 in which the paper roller 13 is mounted and on which a roll of paper 14 is placed. Springs 15 engage the surface of the paper roll to prevent its unwinding when not desired. A disk 16 is placed stationary at one end of the paper roller 13 and a movable disk at the other end to abut against the ends of the roll of paper. The movable disk is pressed against the end of the paper by a spring 18.

Upon the paper roller 13 the sheet of paper passes through the paste roll 20 and pressure roll 21. The upper roll 20 is mounted non-adjustable or so as to have no movement in the slotted plates 22 secured to the frame. The lower roll 21 is held upward against the upper roll by springs 23. The spring 23 and bearings of the rolls 20 and 21 are held in place by the flanged plate 55 that is screwed to the sides of the frame. The paste box 24 is mounted above the upper roll, it being a tube with the lower side open and with side

flanges 25 flanking and enveloping the upper roll 20. The paste box is vertically adjustable by reason of side flanges 26 engaging the upper portions of the slotted plates 22 and being guided thereby and adjusting bolts mounted in projections 28 from the ends of the paste box and screwed into projections 29 on the upper ends of the slotted plates 22. With this means the paste box can be vertically adjustable so as to enlarge or diminish the discharge of paste upon the top paste roll 20. The paste box and upper roll 20 are held out of engagement by the spring 50. The paste is introduced in the paste box through an opening in the top that is closed by the cap 30.

The means just described deposits paste upon the upper surface of the sheet of wall paper 14 and it then passes through the trimming mechanism. This consists of a trimming roll 31 mounted on the post 32 so it will readily turn and having a zinc periphery. On arms 33 from posts 32 a rod 34 is secured on which the trimmers are mounted so as to be laterally adjustable. The trimmers consist of a rotary cutting disk 35 mounted in the arm 26 that is loosely pivoted upon the rod 34 and held in position thereon by the frame 50 that is laterally adjustable on the rod 34 and held in adjusted position by the screws 37. A spring 51 is mounted on the frame 50 that presses downwardly on the arm 26. Thus these trimmers can be readily adjusted to trim the paper to any desired width. The middle trimmer is used for trimming narrow borders and when a border is not being hung, it can be thrown up out of the way and held in its idle position by a set screw 52. From the trimming mechanism the sheet of paper goes over the press roll 38 mounted upon spring arms 39 secured to the frame and pressed by the braces 40. On the spring arms 39 are also mounted secondary spring arms 42 that carry a tapering roll 43. This roll has a greater diameter in the center than at the ends and as the paper passes over it, the inclination is to straighten out any wrinkles and also keep the paper straight.

In operating the device the sheet of paper is first drawn through the machine and beyond the press roll and then the device is taken up by hand and brought into engagement with the wall or ceiling and moved so as to cause the press roll to travel over the wall or ceiling where it is desired to hang the

paper. As the device is moved along the sheet of paper will be drawn through the device and pasted and trimmed as described and the press roll will press it against the wall or ceiling. In this way paper can be hung very rapidly.

What I claim as my invention and desire to secure by Letters Patent is:

1. A paper-hanging device consisting of an open rectangular frame, means for supporting a roll of paper at one end of said frame, a handle extending transversely of said frame and adjacent said paper roll-supporting means, a second handle extending transversely of the frame at its other end, paste-applying means, a paper-trimming means mounted on said frame intermediate said handles, and means for applying paper to

the surface to be covered comprising a pressure roll mounted in spring arms secured to the end of said frame over said second handle.

2. A paper-hanging device including means for applying paste to the paper as it passes through the device, means for applying the paper to a wall, and an intermediate roller that bears against the paper and tapers in diameter from the middle to the ends thereof, whereby the wrinkles will be straightened out of the paper.

In witness whereof, I have hereunto affixed my signature in the presence of the witnesses herein named.

ROLANDO WISSLER.

Witnesses:

N. ALLEMONG,

V. H. LOCKWOOD.