

No. 645,118.

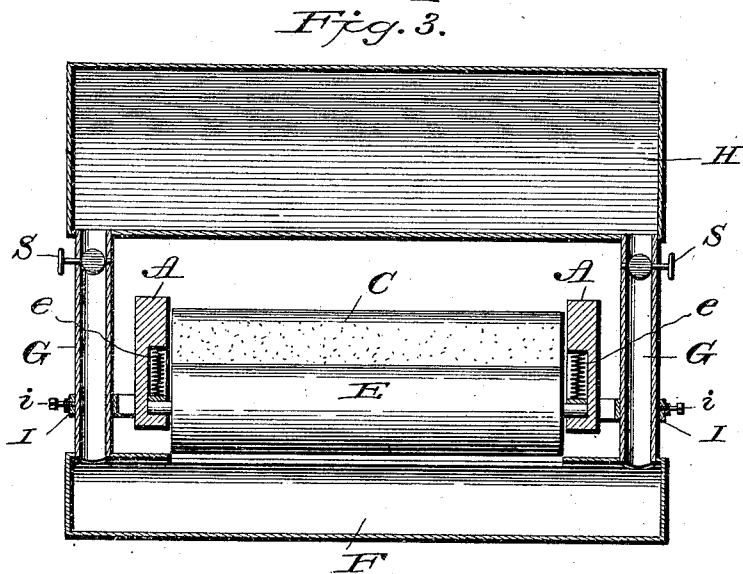
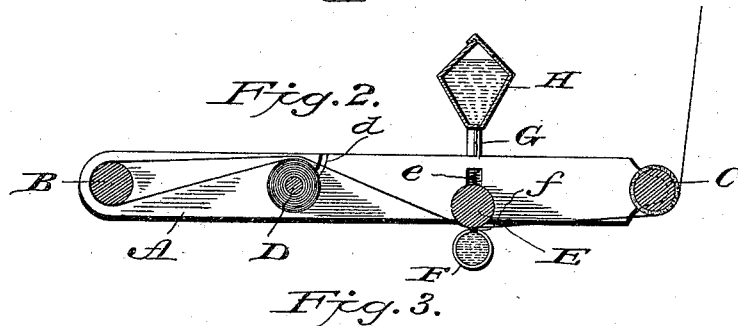
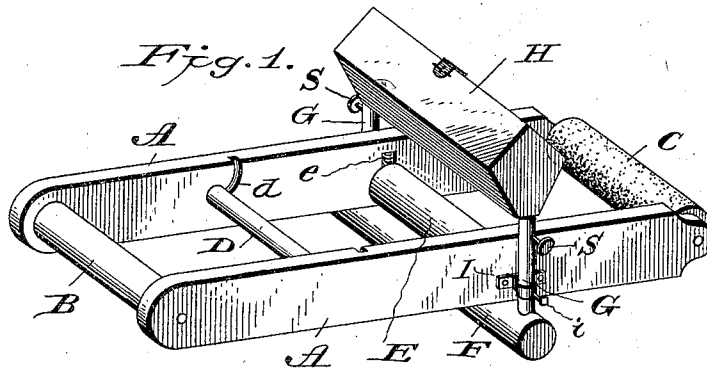
Patented Mar. 13, 1900.

T. E. MOFFITT.

APPARATUS FOR HANGING WALL PAPER.

(Application filed June 29, 1899.)

(No Model.)



Witnesses
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UNITED STATES PATENT OFFICE.

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APPARATUS FOR HANGING WALL-PAPERS.

SPECIFICATION forming part of Letters Patent No. 645,118, dated March 13, 1900.

Application filed June 29, 1899. Serial No. 722,290. (No model.)

To all whom it may concern:

Be it known that I, THOMAS E. MOFFITT, a citizen of the United States, residing at Bathgate, in the county of Pembina and State of North Dakota, have invented certain new and useful Improvements in Apparatus for Hanging Wall-Papers, of which the following is a specification.

The object of this invention is to provide an apparatus for hanging wall-paper in which the construction and arrangement of the parts are such as to present an apparatus that is simple and durable and so light that it can be readily and conveniently handled for applying wall-papers, carrying a supply of paste that is automatically applied to the back of the paper as it is fed from the apparatus to greatly facilitate the operation of hanging the paper.

To the accomplishment of the above object the apparatus comprises a rectangular frame having transverse rollers for supporting the paper and properly guiding it through and out of the apparatus, a reservoir supported above the frame by feed-pipes leading from each end of said reservoir, and a distributing-pipe extending parallel with the guide-rollers, said pipe being connected at its ends to the feed-pipes and formed with a longitudinal slit in its upper side, through which the paste is forced upon the back of the paper as it passes over the same out of the machine.

The following specification enters into a detail description of my invention, reference being had to the accompanying drawings and to letters of reference thereon, which designate the different parts, and what I claim as new and desire to protect by Letters Patent is more specifically set forth in the appended claims.

In the drawings which form a part hereof, Figure 1 is a perspective view of an apparatus for hanging wall-papers constructed in accordance with my invention. Fig. 2 is a longitudinal vertical sectional view. Fig. 3 is a transverse sectional view on a line with the distributing-pipe.

In carrying out my invention I construct a rectangular frame consisting of longitudinal side pieces A A and guide-rollers B and C, connected to the ends of said side pieces, said frame being held together by the paste-feed-

ing devices, hereinafter described, and may be further connected by end cross-pieces, which, however, are not shown. The longitudinal side pieces may be made up of wood or metal plates, and the rollers have short shafts or spindles, by which they are journaled in the side pieces. Located a suitable distance from the guide-roller B is a removable roller D, having end shafts or short spindles which are let into keyhole-slots *d* in the side pieces, and upon this roller the roll of paper is placed and supported in the apparatus. Between the removable paper-supporting roller D and the guide-roller C is located another guide-roller E, journaled at its ends in the side pieces of the frame, and directly underneath this guide-roller is a transverse pipe or trough F, having a slit *f* in its upper side, by which the paste is distributed upon the paper in the manner hereinafter set forth. Connected to the ends of the distributing-pipe F are feed pipes or tubes G, which extend vertically above the frame and are connected to a reservoir H, which holds a supply of paste. These feed-pipes pass through brackets I, secured to and projecting from the side pieces A, being adjustably connected to said brackets by set-screws *i*. The reservoir, feed-pipes, and distributing-pipe, being all connected together, as shown, also serve to connect the frame or hold it together, as hereinbefore mentioned, though end cross-pieces may be also employed, though not shown. The guide-roller E is preferably movable and depressed by springs *e* to force the paper upon the distributing-pipe.

In arranging the apparatus for operation the roll of wall-paper is placed upon the supporting-roller D and is led therefrom around the roller B, back over the roll of paper, and then between the roller E and distributing pipe or trough F, from which it passes out of the machine under the roller C, the latter serving as a smoothing-roller in applying the paper to the wall. The paper is supplied with paste as it passes under the guide-roller E, and after the projecting end has been pasted in place upon the wall the apparatus is brought downward, with the smoothing-roller C pressed firmly against the wall and paper, it being understood that the paper is fed through the machine as the latter is

moved downward, the roller E serving also as a tension device.

The smoothing-roller C may be covered with soft felt or other material to insure the paper being applied in an even and smooth manner and prevent the formation of air-bubbles.

A paper-hanging machine constructed in accordance with my invention is very light and can therefore be easily handled in use, and the paper passing, as it does, over the several guide-rollers will be kept taut and smooth, so as to be properly applied to the wall. The reservoir will contain a supply of paste sufficient for a roll of paper, and said paste will be automatically fed and applied to the back of the paper, the roller E being movable to facilitate the insertion of the paper under the same. The feed-pipes may be and preferably are provided with cut-offs S, so that the flow of paste into the distributing-pipe can be stopped during the insertion of a new roll of paper.

This machine will greatly facilitate the hanging of wall-papers and being simple in construction can be easily operated and quickly supplied with a new roll of paper.

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

1. An apparatus for hanging wall-papers, comprising the longitudinal side pieces, a supporting-roller and guide-rollers journaled between the side pieces on a line with each other, a paste-distributing pipe or trough located under one of the guide-rollers, a reservoir located above the frame, and feed-pipes connecting the reservoir to the distributing

pipe or trough, substantially as shown and for the purpose set forth.

2. An apparatus for hanging wall-papers, comprising the longitudinal side pieces, a guide-roller at one end of the side pieces and a smoothing-roller at the other end of the same, a removable paper-supporting roller located between the side pieces adjoining the guide-roller, and a guide-roller located between the paper-supporting roller and smoothing-roller, a distributing-pipe beneath the last-mentioned guide-roller, a reservoir located above said guide-roller, and feed-pipes connecting the reservoir to the distributing-pipe, substantially as shown and for the purpose set forth.

3. An apparatus for hanging wall-papers, comprising the longitudinal side pieces, a guide-roller at one end of the side pieces and a smoothing-roller at the other end of the same, a removable paper-supporting roller located between the side pieces adjoining the guide-roller, and a guide-roller between the paper-supporting roller and smoothing-roller, a reservoir located above said guide-roller, and a distributing-pipe located below the same, feed-pipes connecting the reservoir with the distributing-pipe, and springs forcing said guide-roller upon the distributing-pipe, substantially as shown and for the purpose set forth.

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

THOMAS E. MOFFITT.

Witnesses:

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