

(No Model.)

C. W. DOYLE.

MACHINE FOR PASTING AND HANGING WALL PAPER.

No. 262,382.

Patented Aug. 8, 1882.

Fig. 1.

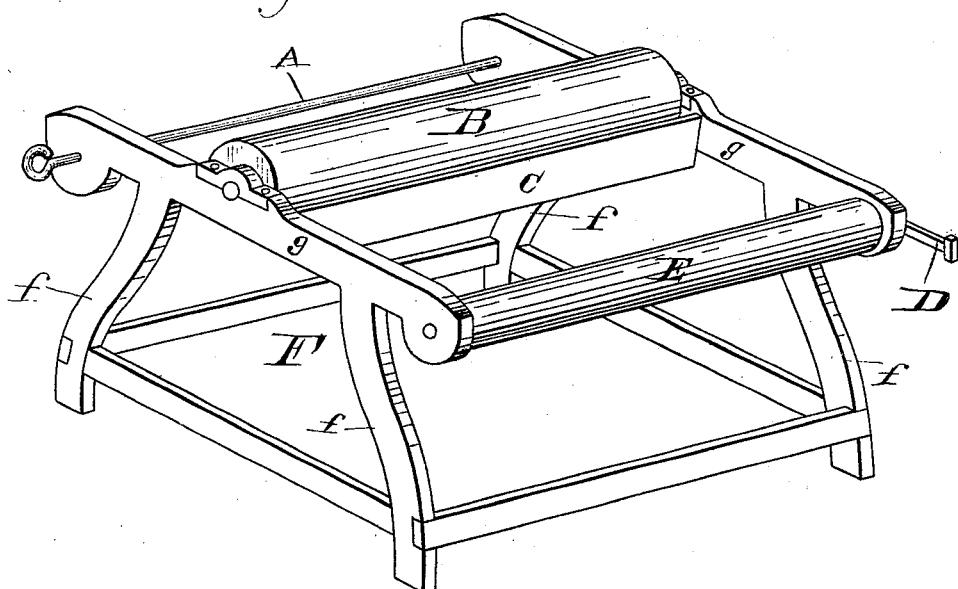
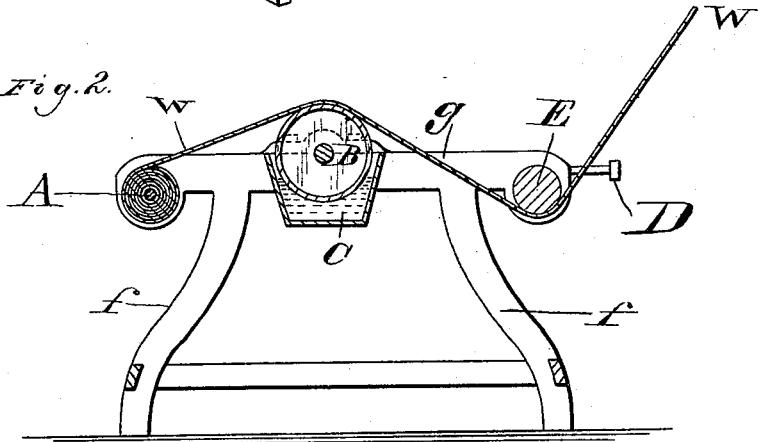


Fig. 2.



Witnesses.

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MACHINE FOR PASTING AND HANGING WALL-PAPER.

SPECIFICATION forming part of Letters Patent No. 262,382, dated August 8, 1882.

Application filed February 11, 1882. (No model.)

To all whom it may concern:

Be it known that I, COLUM W. DOYLE, a citizen of the United States of America, residing at Lincoln, in the county of Lancaster and State of Nebraska, have invented certain new and useful Improvements in Machines for Pasting and Hanging Wall-Paper, of which the following is a specification.

This invention relates to paper-hanging machines; and it consists in the construction and arrangement of parts, as hereinafter more fully described and claimed.

In the annexed drawings, Figure 1 is a perspective view of my machine ready for operation. Fig. 2 is a longitudinal section.

Similar letters of reference refer to similar parts throughout both views.

F is a frame, of wood or any suitable material, formed or made of the upright and cross pieces f and g. The frame F may be constructed in the shape and manner as shown in the drawings or in any other suitable way so as to be a support for the several parts of the machine, and so as to permit them to operate freely, as hereinafter described.

A is the paper-spindle. It is a thin rod of iron or wood running from one side of the machine to the other through the top cross-pieces, g g, at one end of the machine, opposite the roller E, the spindle A being so attached that it can be removed and replaced at will to keep the machine supplied with paper, the wall-paper being placed upon this spindle preparatory to being pasted and hung on the wall.

B is a rotary paster, and consists of a roller made of any suitable material, so that its surface will take the paste from the pan C and allow it to be transferred to the paper during the operation of the machine. The roller B

is placed directly in front of the spindle A, with its ends journaled in the top cross-pieces, g g, so that it will revolve freely and be removable when desired. This roller B is set so that it will be higher than the spindle A and the

roller E, the cross-pieces g of the frame being so constructed that the parts A and E will be lower than the roller B.

C is a paste-pan in which paste for the paper is placed. This pan is secured in the frame at the top around the roller B, so that when

the roller revolves its surface will take up the paste which is in the pan, and thence transfer it to the paper, as hereinafter described. The pan may be made of tin or any suitable material.

E is a stretch-roller. It is journaled in the top cross-pieces, g g, at the end opposite to the spindle A, it being so hung that it will be lower than the roller B and will revolve freely, and at the same time be removable at will. This roller is made of wood or any suitable material.

O is an adjustable gage secured to the frame, as shown in the drawings, and made adjustable to be moved in and out at will. It is for the purpose of keeping the paper straight when putting paper on the wall off of the machine.

W is the wall-paper.

The manner of operation is as follows: A roll of wall-paper is placed on the spindle A and is put on the frame. The pan C is then filled with paste, such as is used in hanging wall-paper. The operator then takes the end of the roll of wall-paper, and draws it over roller B and under roller E. The drawing of the paper thus through the machine will revolve the roller B, which in its revolution will take up the paste in the pan C, and the passing of the paper under roller E will make it press upon roller B, whereby the paste will be transferred from the roller to the paper, and the paper is then ready to be placed on the wall direct from the machine. The paper is pasted on the wall from the machine from a continuous roll or of lengths to suit. The gage D will keep the lower part of the paper straight when it hangs direct from the machine.

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

In a paper-hanging machine, the combination of the frame F, paste-pan C, removable paper-spindle A, pasting-roller B, stretching-roller E, and adjustable gage D, all substantially as and for the purpose described.

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

COLUM W. DOYLE.

Witnesses:

F. M. HALL,
H. A. BIDWELL.