

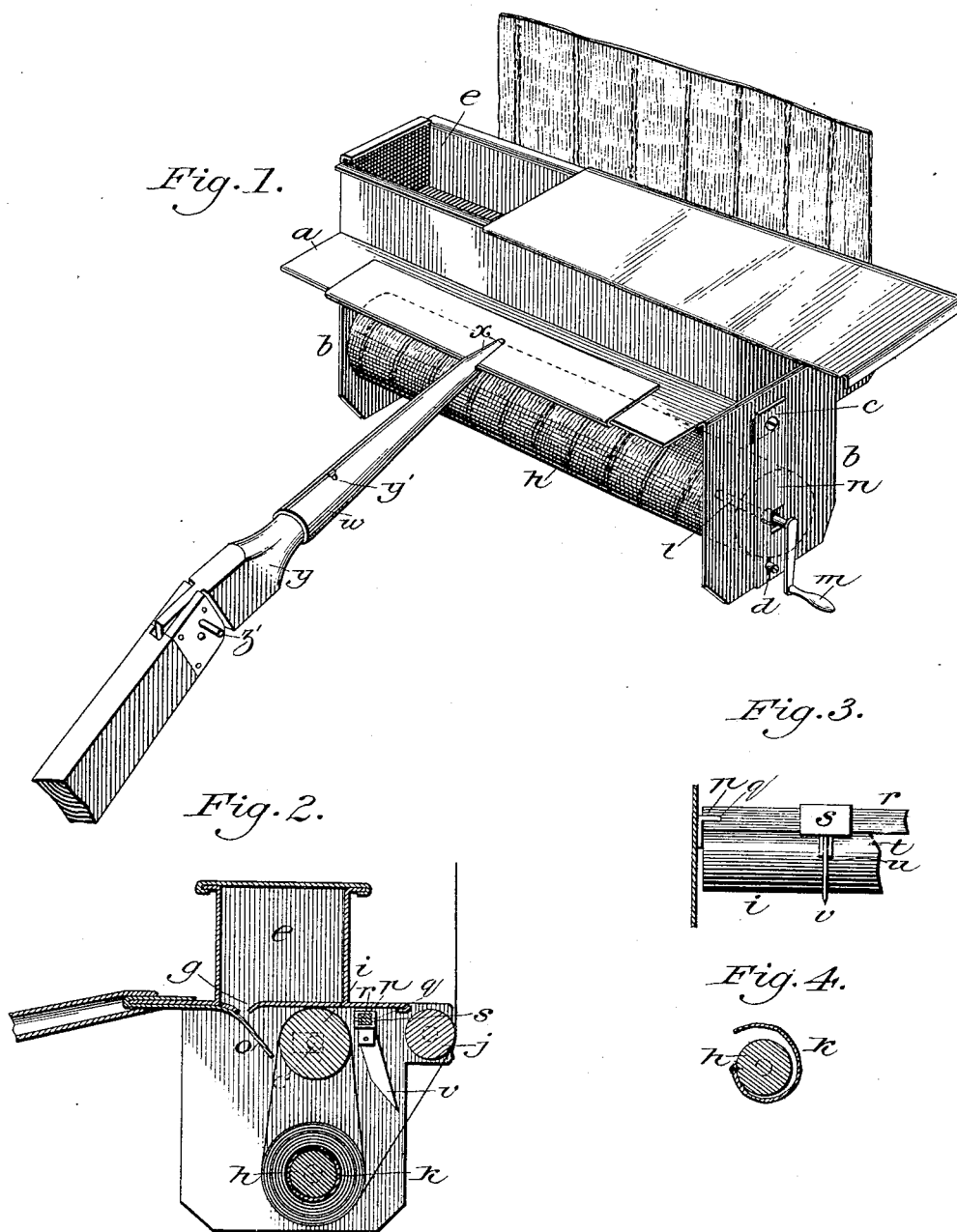
(Model.)

R. HASKELL.

MACHINE FOR HANGING PAPER.

No. 344,374.

Patented June 29, 1886.



Witnesses:  
Amasa Cadwalader  
David Stanton

Inventor:  
Royal Haskell.

# UNITED STATES PATENT OFFICE.

ROYAL HASKELL, OF NEW SHARON, IOWA.

## MACHINE FOR HANGING PAPER.

SPECIFICATION forming part of Letters Patent No. 344,374, dated June 29, 1886.

Application filed March 12, 1886. Serial No. 195,004. (Model.)

*To all whom it may concern:*

Be it known that I, ROYAL HASKELL, a citizen of the United States, residing at New Sharon, in the county of Mahaska and State of Iowa, have invented a new and useful Machine for Hanging Paper; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same.

The object of my invention is to facilitate paper-hanging, which I attain by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is a view in perspective of the entire machine, having the lid partly withdrawn. Fig. 2 is a vertical section of the entire machine, showing the relative positions of the rollers. Fig. 3 is a section of the gage-bar and adjacent roller after their removal from the machine, and Fig. 4 is a detailed view in perspective of the roller having the strip or canvas attached.

Similar letters refer to similar parts throughout the several views.

The base *a* and its supports *b b* constitute the frame-work of the machine. These supports are provided with slots *c c* near the top and the slots *d d* near their lower edges, to which further reference is hereinafter made. The paste-box *e*, having the lid *f*, occupies a central position on top of the base, and is provided with a longitudinal slot, *g*, passing through the top of the base. (See Fig. 2.) The slot *g* is hereinafter more fully set forth. The rollers *h*, *i*, and *j* are each provided with gudgeons, which pass through the supports *b b*. (See Fig. 2.) The roller *h* is provided with a strip or canvas, *k*, attached thereto by any substantial fastenings. An oblong rectangular recess, *l*, is provided in one of the gudgeons of the roller *h*, into which is fitted a corresponding projection of the crank *m*. By means of this crank the paper is rolled upon roller *h* ready for use. The gudgeons of roller *i* pass through the slots *c c* into the carriers *n n*, secured to the supports *b b* by bolts passed through the slots *d d*. The purposes of the slots *c c* and *d d* are hereinafter explained. To the under side of the base *a*, near the slot *g*, is secured the distributing-board *o*. (See Fig. 2.) The

processes *pp* (see Fig. 3) are rigidly attached to the inner sides of the supports *b b*, and adapted to these processes are the grooves *q q* in the ends of the gage-bar *r*. (See Fig. 3.) Around the gage-bar *r* is formed a movable clasp, *s*, to which is rigidly attached the plate *t*, provided with the groove *u*, in which is pivoted the blade *v* for cutting the paper in strips of any desired width. (See Fig. 3.)

The socket *w* terminates in a clamp, *x*, which is secured in any substantial way to the base *a*. (See Fig. 1.) Adapted to this socket is the handle *y*, secured therein by a socket-pin, *y'*, passing through the socket and handle, in order that the handle may be turned in the socket when necessary to change its position for putting on borders. The handle is provided with a hinge-joint, *z*, (see Fig. 1,) and for papering ceilings is adjustable to any desired angle by a hinge-pin, *z'*, passed through the joint near the pivot thereof. To place borders upon walls, adjust the handle to an angle of about ninety degrees and removing the pin *y'* from the socket turn the handle therein until the upper part thereof is parallel with the top of the base *a*, and then replace the pin through the socket.

To use my invention, roll a bolt of paper upon the roller *h* by first placing the strip or canvas *k* over the end of the paper to prevent it from slipping upon the roller. Pass the other end of the paper between the gage-bar *r* and roller *i*, thence around said roller, thence over roller *h* again, and thence in front of the roller *j*. Fill the paste-box with paste and close it. Hold the end of the paper against the wall or ceiling at the point desired, and move the machine down the wall or across the ceiling. As the paper unrolls the paste flows through the slot *g* and is distributed over the surface of the paper by the distributing-board *o*.

By means of the slots *c c* and *d d* in the supports *b b* the roller *i* may be raised or lowered to receive paper of any thickness.

Having thus fully described my invention, what I claim, and desire to secure by Letters Patent of the United States, is—

1. In a machine for hanging paper, the combination of the base *a*, the supports *b b*, the slots *c c* and *d d*, with the paste-box *e*, its lid

*f*, and slot *g*, the rollers *h*, *i*, and *j*, the strip  
*k*, the recess *l*, the crank *m*, the carriers *n n*,  
the distributing-board *o*, the processes *p p*, the  
gage-bar *r*, having grooves *q q*, the clasp *s*,  
5 the plate *t*, its groove *u*, the blade *v*, the socket  
*w*, the clamp *x*, the handle *y*, the socket-pin *y'*,  
the hinge-joint *z*, and the hinge-pin *z'*, sub-  
stantially as and for the purposes set forth.

2. In a machine for hanging paper, the com-  
bination of the paste-box *e*, having a lid, *f*, 10  
with the base *a*, the supports *b b*, and the roll-  
ers *h*, *i*, and *j*, substantially as described.

ROYAL HASKELL.

Witnesses:

W. L. McALLISTER,  
W. T. WOLCOTT.