(No Model.) 2 Sheets—Sheet 1.

M. HEFFERNAN.

WALL PAPER HANGING MACHINE.

No. 272,436. Patented Feb. 20, 1883.

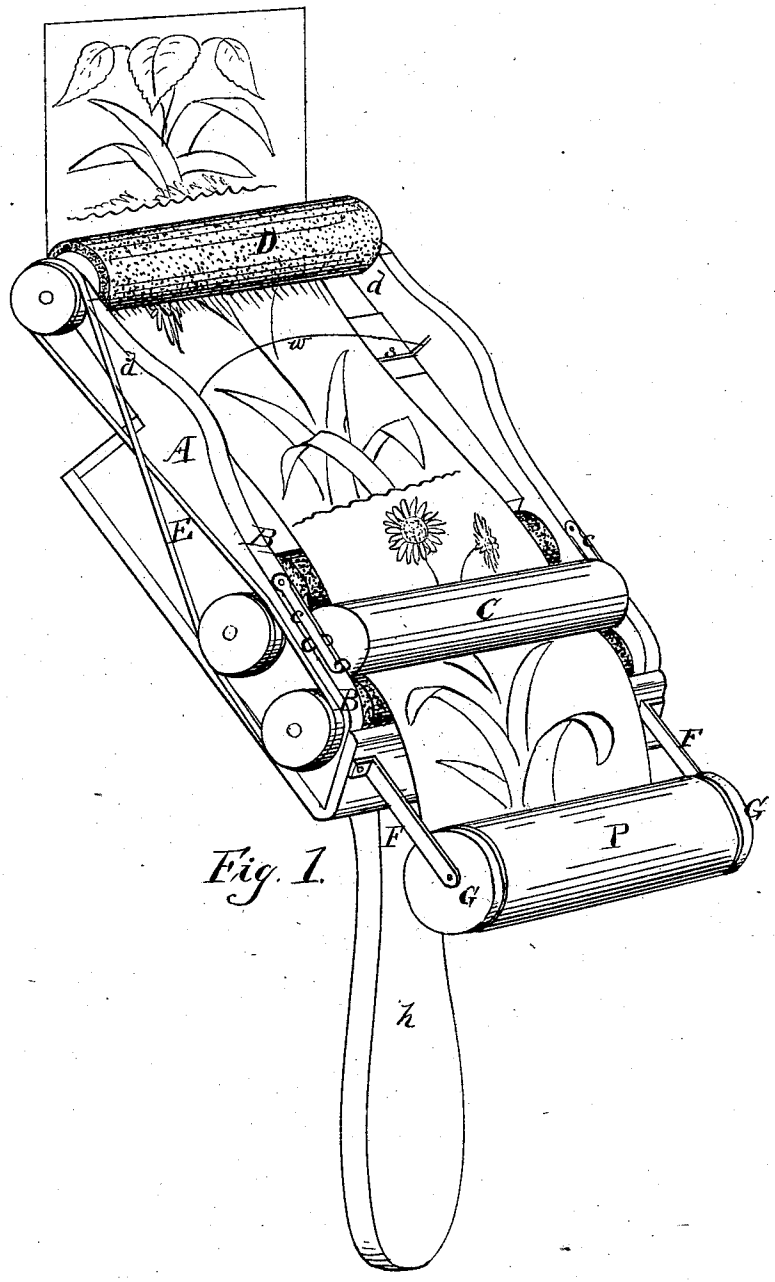


Fig. 1.

Witness,
S. H. Johnson
F. P. Tibbitts.

Inventor
Matthew Heffernan,
By Geo. W. Tibbitts Atty.

N. PETERS, Photo-Lithographer, Washington, D. C.

(No Model.) 2 Sheets—Sheet 2.

M. HEFFERNAN.

WALL PAPER HANGING MACHINE.

No. 272,436. Patented Feb. 20, 1883.

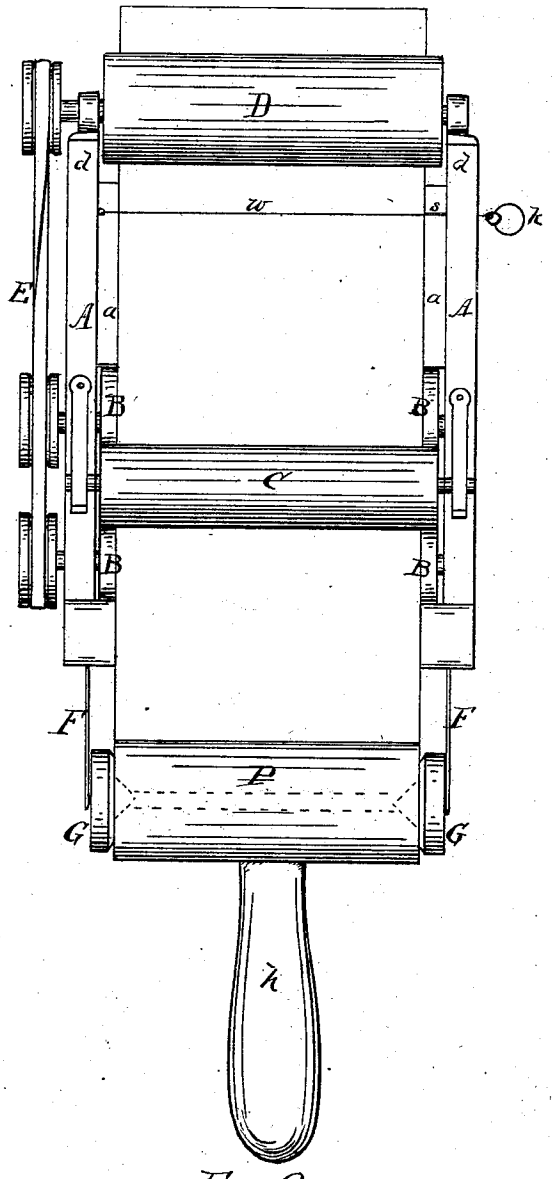


Fig. 2.

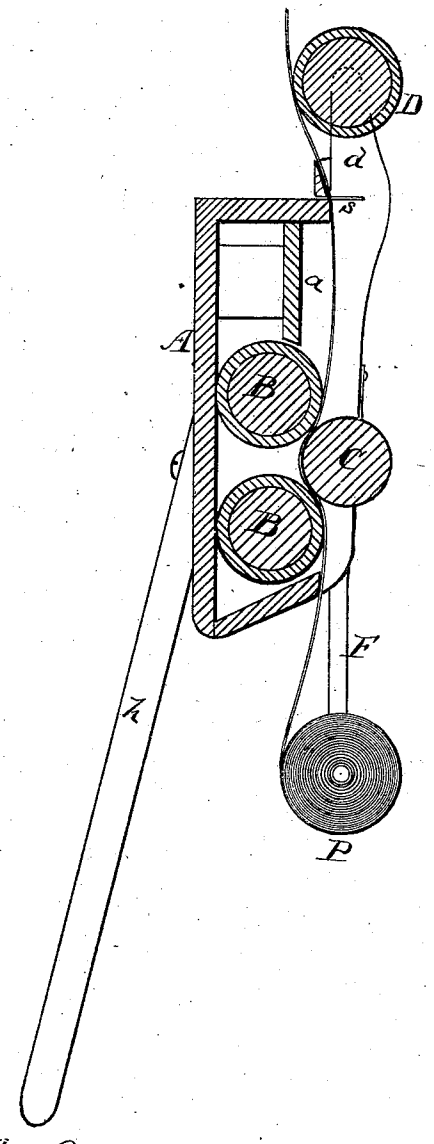


Fig. 3

Witness.
S. H. Johnson.
F. R. Tibbitts.

Inventor,
Matthew Heffernan,
By Geo. W. Tibbitts Atty.

N. PETERS. Photo-Lithographer, Washington, D. C.

UNITED STATES PATENT OFFICE.

MATTHEW HEFFERNAN, OF CLEVELAND, OHIO.

WALL-PAPER-HANGING MACHINE.

SPECIFICATION forming part of Letters Patent No. 272,436, dated February 20, 1883.

Application filed January 8, 1883. (No model.)

To all whom it may concern:

Be it known that I, MATTHEW HEFFERNAN, of Cleveland, in the county of Cuyahoga and State of Ohio, have invented certain new and useful Improvements in Wall-Paper-Hanging Machines, of which the following is a specification.

This invention relates to a device for hanging wall-paper direct from the roll; and it consists of a frame arranged to hold a roll of wall-paper in such a manner that by holding and carrying the device along and down against the wall the paper is pasted, unrolled, and applied to the wall, said device being constructed and operated as hereinafter described and claimed.

In the accompanying drawings, Figure 1 is a perspective view of my wall-paper-hanging device. Fig. 2 is a front or plan view. Fig. 3 is a longitudinal section.

A is a box made to contain a quantity of paste, and supports the operating parts of the device. B B are two pasting-rollers located in the lower part of said box. They are composed of wood, and have a covering of woolen or similar fabric suitable for saturation and for applying paste to the paper as it passes over them. Over the said rollers B is placed a third roller, C, for pressing the paper against the said rollers B in its passage over them. The said roller C is removable, its journals being set in bearings in the edge of the frame A, and covered by pivoted pieces *c c*, which may be turned to allow the roller to be lifted out. At the upper corners of the box are arms *d d*, having bearings for carrying a roller, D, employed to apply the paper to the wall. This roll also has a covering of woolen fabric, forming a cushion for pressing the paper down closely to the wall, and is thus adapted to yield to any unevenness of the surface of the wall. One journal of the roller D projects through the bearing, and is provided with a pulley, as also are both of the rollers B B. A belt, E, connects said pulleys, being crossed to revolve the paste-rollers in the same direction with the roller D. To the lower corners of the box A are attached spring-arms F F, each provided with a revolving disk, G, the inside face of which has a cone, *g*, the purpose of which is to enter the ends of the roll of paper P and support it in place in the machine. In placing the roll of paper the spring-arms are sprung apart sufficiently to admit the roll. Across the upper edge of the box is made a narrow slot, *s*, and above said slot is arranged a fine wire, *w*, secured at one end to one side of the box, the other passing out through the said slot, and provided with a ring or knob, *k*. This wire is intended for cutting off the paper from the roll. To the back of the box is attached a suitable handle, *h*, for operating the device. The box A has a cover, *a*, removably placed over the paste-receptacle, with its lower edge resting against the upper paste-roller B, which serves to scrape off any excess of paste that the said roll may take up.

The operation of this device is as follows: The wall-paper being placed in the machine, as seen in the drawings, the machine is held in the position seen in Fig. 1, with the upper end of the paper against the wall, with the roller D pressing it down. Then by drawing or carrying the machine downward the paper is unrolled, drawn over the paste-rollers, and applied to the wall. When the machine has been carried down to the lowest point required the applied paper is cut or severed by grasping the ring or knob *k* and drawing the wire *w* through the paper and slot.

Having described my invention, I claim—

The box A, provided with the paste-rollers B B, rollers C and D, the journals of rollers D and B B having pulleys and connected by belt E, the spring-arms F F, having the revolving disks G G for holding the roll of paper P, the wire *w*, and the slot *s*, for severing the paper from the roll, all constructed, combined and operating substantially as described.

MATTHEW HEFFERNAN.

Witnesses:
GEO. W. TIBBITTS,
B. W. HASKINS.