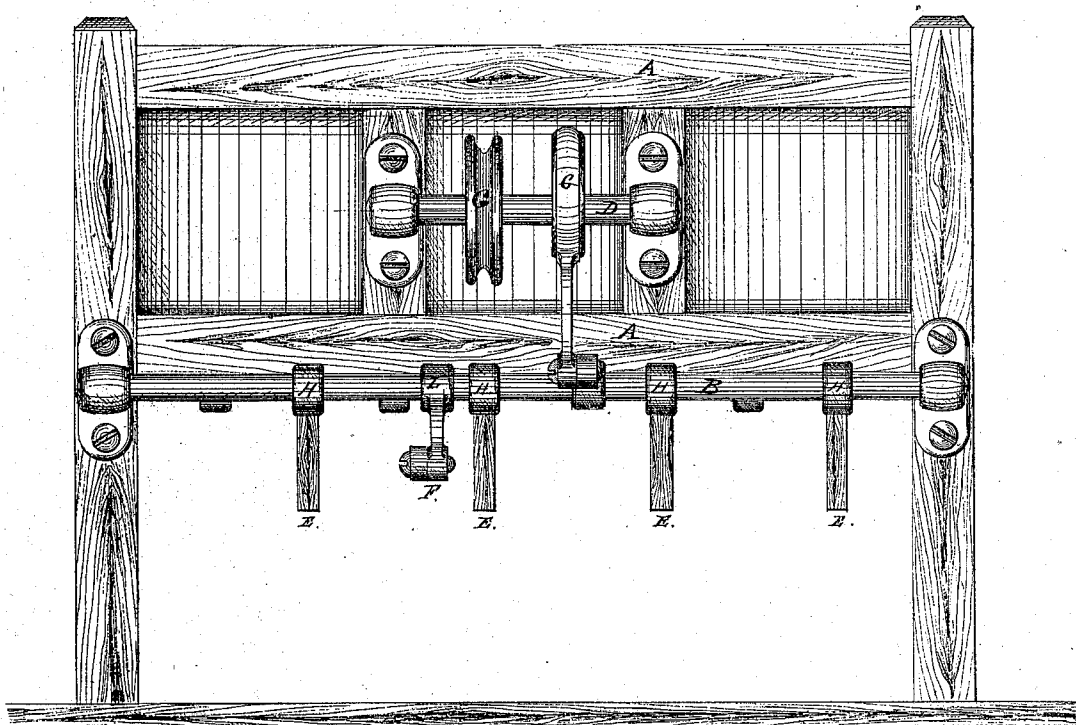


H. W. BULKLEY.
MACHINE FOR FLOCKING WALL PAPER, SHOW CARDS, &c.
No. 105,774. Patented July 26, 1870.

Figure 1.

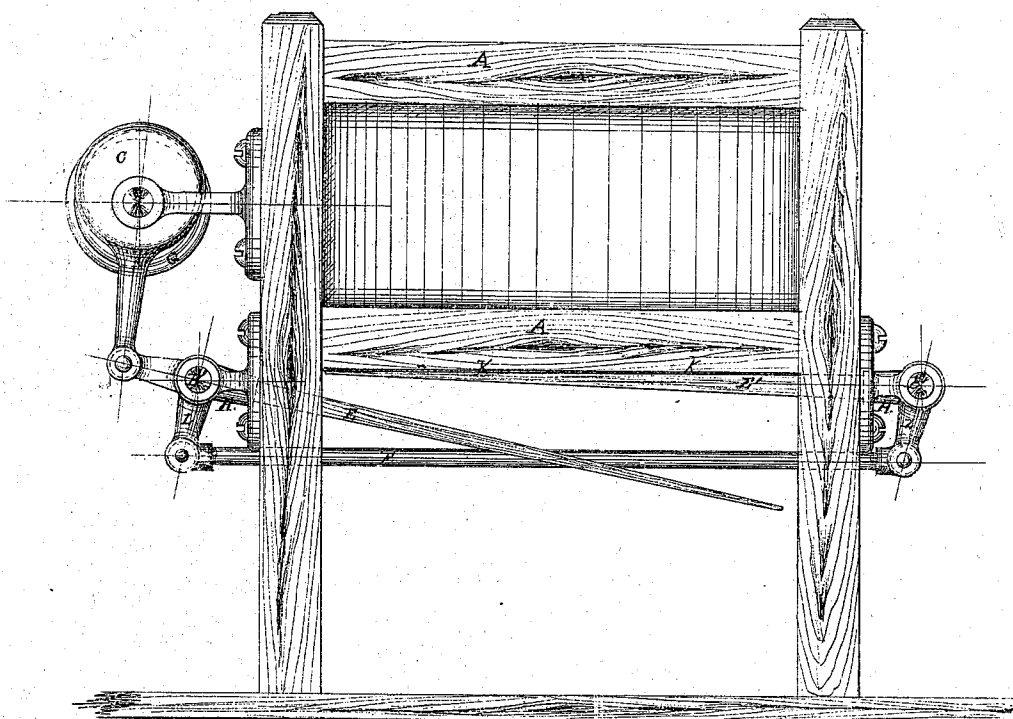


Witnesses
Alden J. Walker
Wm. Geo. Strong

Inventor
Henry W. Bulkley

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Figure 2.



Witnesses.
Alden H. Walker
Merri Geoethmg

Inventor.
Henry W. Bulkley

United States Patent Office.

HENRY W. BULKLEY, OF NEW YORK, N. Y.

Letters Patent No. 105,774, dated July 26, 1870.

IMPROVED MACHINE FOR FLOCKING WALL-PAPER, SHOW-CARDS, &c.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, HENRY W. BULKLEY, of the city of New York, in the county and State of New York, have invented a new and useful Machine for "Flocking" Wall-Paper, Show-Cards, &c.; and I do hereby declare that the following is a full and exact description of the construction and operation of the same, reference being had to the annexed drawing and to the letters of reference marked thereon.

This machine is intended to supersede the ordinary hand method of distributing and "beating in" "flock."

To enable others skilled in the art to make and use my invention, I will describe its construction and operation, as shown in

Figure 1, which is a side view, and

Figure 2, an end view of the machine.

A represents a frame, having sides and a bottom, K, of canvas, tightly stretched.

B B are rocking-shafts, carrying the arms H, with the beaters E E', which are of wood, steel, or other convenient substance.

A vibratory motion being given to the shaft B by the eccentric or cam C, on shaft D, and transmitted to B' by arms L and rod F, the beaters E E' are caused to strike alternately the canvas bottom of the machine, with a force proportioned to their velocity.

The article to be "flocked," resting upon said canvas bottom, and being covered with "flock," is thus subjected to the action of the beaters E and E', which distribute and beat in the "flock" in a much better and more expeditious manner than has hitherto been done.

The shaft B is rotated by a belt on the pulley G or by any other means more desirable.

The paper may be passed through the machine by openings in the end of the frame A, being moved by hand, or by means of a suitable arrangement of feed-rollers, driven by gearing from the shaft D.

The flock is supplied to the machine by a hand-sieve, or by a "jogging"-box placed on top of the frame A, and moved from the shaft B.

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

The construction of a "flocking"-machine, for the purposes above mentioned, with beaters having a positive vibratory motion from an eccentric, crank, cam, or other device, the whole arranged substantially as described.

HENRY W. BULKLEY.

Witnesses:

ALDACE F. WALKER,
THERON GEO. STRONG.