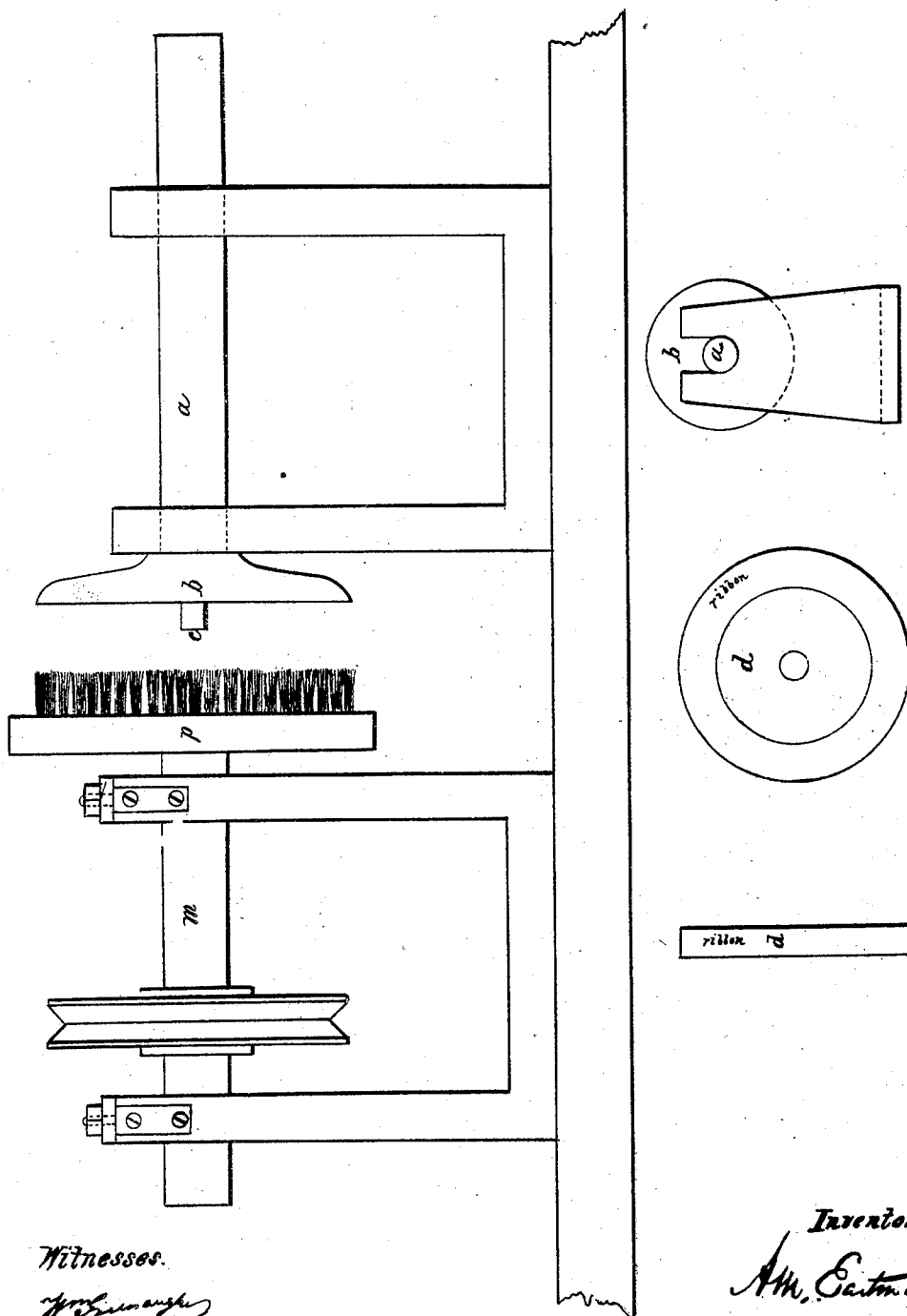


A. M. Eastman *Woven Fabric.*

Nº 11,643.

Patented Sep. 5, 1854.



Witnesses.

Wm. L. ...
Thos. E. ...

Inventor.

A. M. Eastman

UNITED STATES PATENT OFFICE.

AUGUSTUS M. EASTMAN, OF NEW YORK, N. Y.

MAKING RIBBON OF STRIPS OF CLOTH.

Specification of Letters Patent No. 11,643, dated September 5, 1854.

To all whom it may concern:

Be it known that I, AUGUSTUS M. EASTMAN, of the city, county, and State of New York, have invented a certain new and useful Improved Method of Manufacturing Ribbons of Velvet; and I do hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawing, which forms a part of the same.

The nature of my invention is to form upon the edge of narrow strips of velvet, which are torn from broad pieces of "board yards," made of any material from which velvet is woven, an artificial selvage, which will exactly imitate a woven selvage, and possess all the qualities of the woven selvage, making the strips equal for the purposes required to woven selvage ribbons, and greatly reducing the cost of the same; the greater cheapness of the artificial selvage with an equal value is its great recommendation.

To manufacture my artificial selvage, I form the velvet into strips of the proper width, and roll them tightly and evenly on a cylindrical ribbon block, which I affix to the end a mandrel (*a*) in the drawing, on which is a face plate (*b*), from the center of which a pin (*c*) projects, on to which the ribbon block *d* is slipped and held, a hole being made in its center for that purpose; this mandrel is supported in a proper puppet head, so that it can be turned, if necessary. On the end of a similar mandrel (*m*) opposite the ribbon block, the axis of

which is fixed on a line with the first (although even this is not essential), I affix a circular brush (*p*) or cushion made of bristles, cloth, or other proper substance; this brush or cushion is covered with a semi-fluid composition, formed of any adhesive material suited to the purpose, by which the fiber of the torn velvet (the projecting ends of the weft) are laid smooth in one direction, and firmly attached to each other, and to the body of the ribbon, in such manner as to produce, when dry, the appearance of a woven or corded selvage, equally as durable, and at a much less cost.

The above described machine effects in a perfect manner the purpose intended; but it is obvious the brush or cushion could be used by hand, and produce the effect in an equivalent manner. The brush and ribbon may both revolve in different directions, or either one may revolve alone, as is deemed most advisable by the manufacturer, or they may revolve with unequal velocities in the same direction.

Having thus fully described my invention, what I claim therein as new, and for which I desire to secure Letters Patent, is—

Forming upon the edges of strips of velvet a firm artificial selvage, by means of a brush or cushion, as above described, charged with a suitable adhesive compound, as herein specified.

A. M. EASTMAN.

Witnesses:

WM. GREENOUGHE,
THOS. E. WARREN.