

MICHAEL CRAVEN.

Rest for Cloth Shearing Machines.

No. 121,760.

Patented Dec. 12, 1871.

Fig. 1.

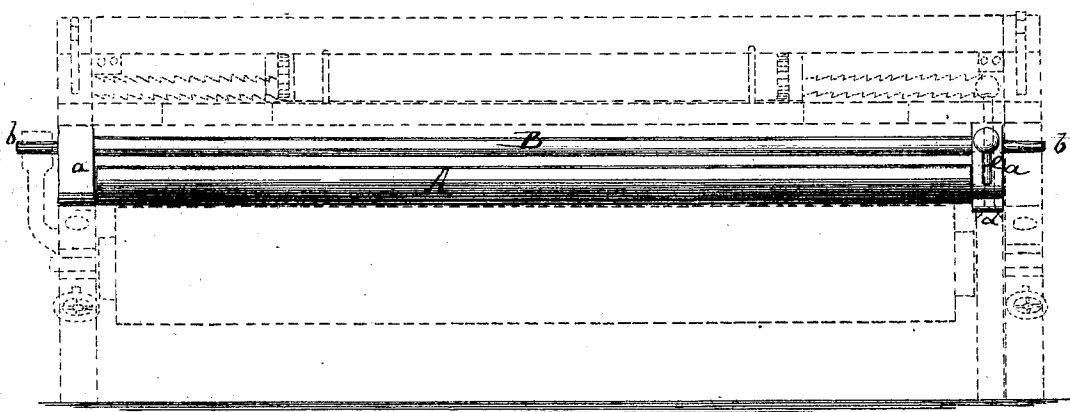


Fig. 2.

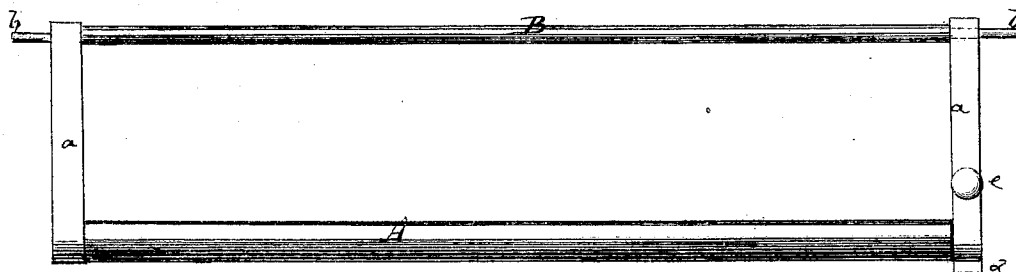
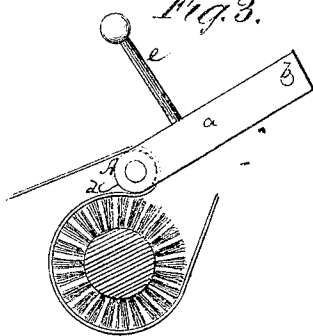


Fig. 3.



Witnesses:

John Becker.
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PER

UNITED STATES PATENT OFFICE

MICHAEL CRAVEN, OF DEDHAM, MASSACHUSETTS.

IMPROVEMENT IN RESTS FOR CLOTH-SHEARING MACHINES.

Specification forming part of Letters Patent No. 121,760, dated December 12, 1871.

To all whom it may concern:

Be it known that I, MICHAEL CRAVEN, of Dedham, in the county of Norfolk and State of Massachusetts, have invented a new and Improved Rest for Cloth-Shearing Machine; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification, in which—

Figure 1 represents a front view of my invention, showing it applied. Fig. 2 is a detail side view, and Fig. 3 an end view of the same.

Similar letters of reference indicate corresponding parts.

This invention refers to a new shear-rest for shearing cloth, such as plain and fancy cassimeres, satinets, shawls, &c. Its object is to prevent the forming of flocks on the back of the goods while being sheared.

The invention will first be fully described and subsequently pointed out in the claims.

A in the drawing represents a roller as long as the brush of the machine. It hangs in arms *a a*, which project from a rod, B, whose ends *b b* are the journals by which the entire frame A B *a* is pivoted to the frame of the machine. A tongue, *d*, projects from one end of one arm, *a*, into a corresponding notch or catch of the main

supporting-frame, and a handle, *e*, projects from the same arm, to permit the roller being carried up clear of the brush.

The cloth is drawn over the roller A with its face side to the brush, which will raise the nap so that the shear-blades may cut it off. The cloth passes between the roller A and brush, both being close enough together to raise a sufficient nap, which loosens the flock that is felted into the cloth.

In ordinary shearing-machines these flocks collect into lumps and accumulate on the back of the cloth, so that the shears will cut holes where such lumps appear.

The roller A will keep the lumps back and off the cutters, besides creating less friction than the ordinary flat sharp-edged rest now in use.

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

1. The roll A and brush C, combined in a cloth-shearing machine, as and for the purpose described.

2. The combination, with roller A, of the frame *a b* B, provided with tongue *d*, as and for the purpose set forth.

MICHAEL CRAVEN.

Witnesses:

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