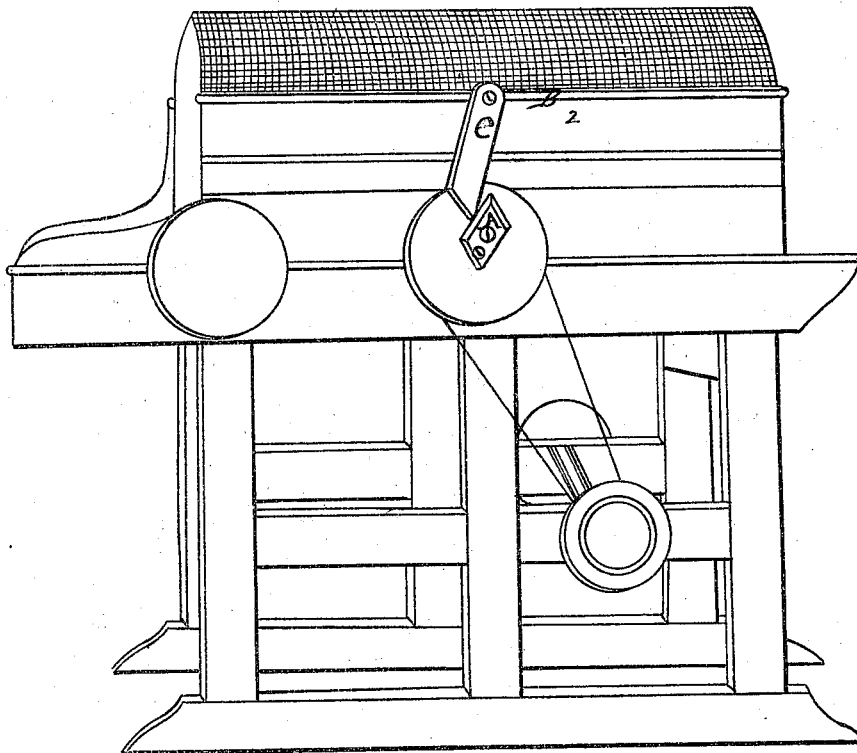


*R. Wildman.*  
*Flocking Mach.*  
*N<sup>o</sup> 53,071. Patented Mar 6, 1866.*



*Witnesses*

*C. H. Sanford*  
*David P. Looney*

*Inventor*

*Rufus Wildman*

# UNITED STATES PATENT OFFICE.

RUSSEL WILDMAN, OF DANBURY, CONNECTICUT.

## IMPROVEMENT IN FUR-BLOWERS.

Specification forming part of Letters Patent No. 53,071, dated March 6, 1866.

*To all whom it may concern:*

Be it known that I, RUSSEL WILDMAN, of Danbury, in the county of Fairfield and State of Connecticut, have invented a new and useful Improvement in Fur-Blowing Machines, of which the following is a clear and distinct description of its construction and operation.

Great difficulty is experienced by hat manufacturers owing to a separation taking place while passing the fur through the blowing-machine. After mixing the furs they are passed through a blower, where the separation takes place. The long heavy fur passes through, while the short light fur is carried up and held upon the under side of the wire-gauze covering until it accumulates sufficiently to overcome the blast of air produced by the rotating picker, when it falls upon the apron and is carried through the machine; consequently when this light fur is formed an inferior hat is produced. The result is there is a large difference in the quality of the hats. Some are rendered worthless by the excess of short stock.

My invention is designed to obviate the difficulty by preventing the separation taking place in the blowing-machine.

To prevent the fur from adhering to the wire cover a drop motion is produced upon the cover, which prevents any fur from adhering to the wire.

A common blowing-machine is used. Upon the pulley that carries the feed-roll I place a cam, A. Upon the cap is fastened the piece B, at right angles with it side, projecting over the feed-wheel. To this projection is secured the vibrating arm C, sufficiently long to come in contact with cam A; consequently at every revolution of the feed-wheel the wire-covered top is raised upon one side and suddenly dropped, which jars off all fur that may have adhered to it.

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

Preventing the adherence of short fur to the wire-covered top by the action of the cam and lever, substantially as herein shown and described.

RUSSEL WILDMAN.

Witnesses:

ABEL WHITLOCK,  
ROGER AMILL.