

H. N. FANTON.  
Machine for Separating Fur.

No. 196,521.

Patented Oct. 30, 1877.

Fig. 1.

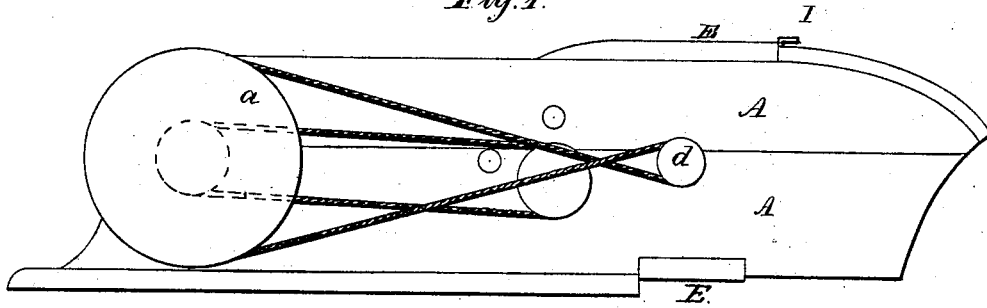
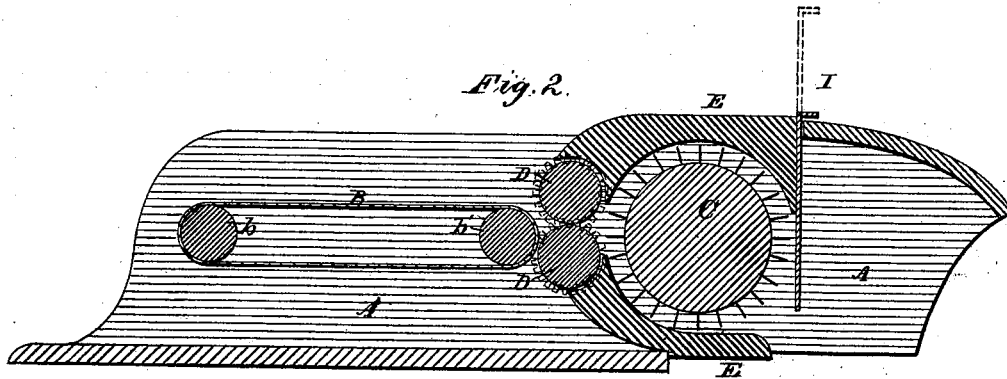


Fig. 2.



Witnesses;  
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# UNITED STATES PATENT OFFICE.

HENRY N. FANTON, OF DANBURY, CONNECTICUT.

## IMPROVEMENT IN MACHINES FOR SEPARATING FUR.

Specification forming part of Letters Patent No. **196,521**, dated October 30, 1877; application filed May 2, 1877.

*To all whom it may concern:*

Be it known that I, HENRY N. FANTON, of Danbury, in the county of Fairfield and State of Connecticut, have invented an Improved Picker for Separating Fur, of which the following is a specification:

My invention relates to inclosing a picker or brush roll in a case or shell fitting closely to the picker or brush roll, for the purpose of preventing the scattering of the fur as the picker separates it, and dropping it more evenly on the feeding-apron of the hat-forming machine, over which the improved machine is set, than when fed directly on the feeding-apron of the hat-former by hand, and, by thus evenly dividing the fur, enables the hat-former picker to separate the fur more thoroughly, and consequently more evenly, and rapidly deposits the fur on the hat-forming cone.

The second part of my invention consists in having an adjustable slide to enlarge or diminish the opening through which the fur leaves the picker roll or brush, so as to deposit the fur directly on the feeding-apron of the hat-former, reference being had to the accompanying drawings, forming a part of this specification, in which—

Figure 1 is a side elevation, and Fig. 2 is a longitudinal section of same.

A is the frame of the machine, to which are attached properly the several parts, and the whole fitted to set on a hat-forming machine frame over its feeding-apron. B is the apron, on which the fur is spread, in the usual manner, by hand, and is driven by the pulley *a*, attached to one of the apron-rollers *b b'*. C is the picker or brush roll, which is made to run

rapidly to separate the knots and bunches of the fur, and is driven by the pulley *d*. D D are the feed-rolls, which take the fur from the feeding-apron B and present it to the picking-roll C. E E are the upper and lower parts of the shell, made to fit closely to and inclose more or less of the picker C, as practice may show to be desirable for the different kinds of stock, and, if desirable, either E or E may be extended to inclose more of the picker C, and dispense with the other. By the use of the shells E E the fur is prevented from scattering or flying, and is deposited directly on the feeding-apron of the hat-forming machine below, and no time is lost in waiting for the fur to settle on the hat-former apron, but it is carried directly to the feed-rolls and picker of hat-former, and deposited on the hat-forming cone.

I is a slide working in grooves in the frame A, by which the opening for the exit of the fur from the picker C may be enlarged or diminished while working, as the speed of the picker C or the stock may require, to deposit the fur directly on the apron of the hat-former.

What I claim as my invention is—

1. The improved shells E E, together or separately, in combination with the picker or brush roll C, the feed-rolls D D, and the apron B, substantially as and for the purpose set forth.

2. The combination, with the shells E E and the picker or brush roll C, of the slide I, substantially as and for the purpose set forth.

HENRY N. FANTON.

Witnesses:

A. MOORE,  
NEWTON CRAWFORD.