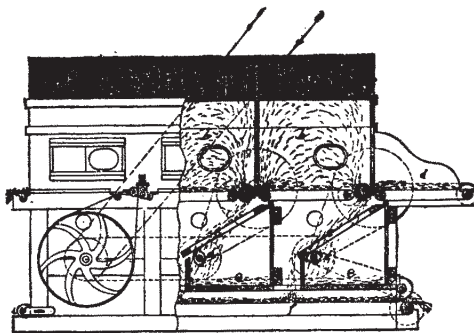


Fur Blowing Machine. A machine to loosen out fur and remove hair and other impurities. The invention of William B. Rotch.

A number of pickers are made to operate upon the fur, which is fed into the machine by a feed upon *A*. The fur is presented to the rapidly revolving picker by two small feed

Fig. 1112.



Rotch's Fur Blowing Machine.

rollers which take the fur from the feed apron. The fur being held by the rollers is combed out, and the lighter portion is thrown by the picker into the upper chamber *B*, while the heavier part falls upon a screen *c*, which, being shaken by double cams on the shaft *d*, causes the hair and other small particles to collect in the box *e*, while the larger pieces fall upon an endless apron and are carried back to be operated upon a second or a third time until all the fur is removed.

The chamber *b* is covered with a wire cloth to allow the fine dust to escape with the current of air which is created by the rapid motion of the picker, and which carries the lighter portions of fur into the chamber, where it is deposited upon a second endless fur apron, passed by a second pair of feed rolls to the next picker, where the same operation is repeated, and so on, until the fur having passed from 3 to 6 separate pickers, is delivered in an even *bat* ready to be used in the forming machine. See HAT-FORMING MACHINE.