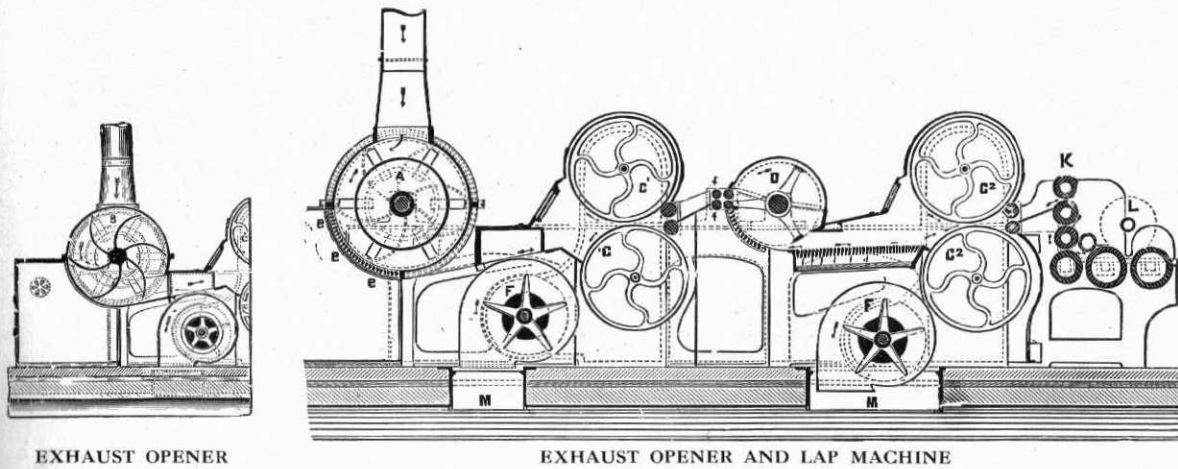


When the machine is placed between the lattice feeder and the exhaust opener, the cylinder part only is used, the lattice feed and delivery parts being dispensed with, and the cotton, passing direct into the pipe A (see page 29), is drawn from thence to the exhaust opener.

When a clean grade of cotton is being worked it may, by an arrangement of valves, miss the Crighton cylinder, and pass direct to the exhaust opener; or on the other hand where dirty East Indian cottons are being worked, it is often considered advisable to put down two single Crighton cylinders, so arranged that the cotton may pass through one or both cylinders as required.



Exhaust Opener.—Above is a section of this machine through the large fan casing and the small arrows indicate the passage of the cotton from the feed pipe to the passage leading to the first pair of dust cages C¹ C¹.

The cotton is drawn from the lattice feeder by the action of the large fan B and presented to cylinder A, which passes it over the grid bars *e e e*, the dirt, &c., falling through the spaces between the bars