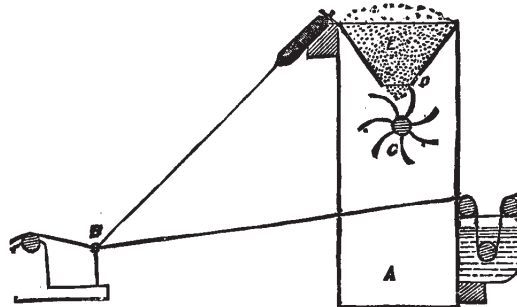


**Yarn Flock'ing Ma-chine'.** *Le Jacquard* gives a description of an apparatus which, though crude, is intended to produce a new effect in the appearance of certain yarns for fancy goods.

The yarn to be manipulated, according to this plan, is passed through the apparatus before being doubled. One thread passes direct from a cop or bobbin, and the other through a trough containing water or a thin solution of size. The latter is then carried through a box, provided at its upper end with a hopper filled with particles of colored wool, broken fiber from rag-ends, feathers, or any desirable substances, which are allowed to fall through an opening at the bottom of the hopper, and upon a revolving fan-wheel which pulls it out and disperses it, throwing it upon the thread passing through the lower part of the box.

In a modification of this arrangement a traveling apron

Fig. 2546.



*Yarn Flocking Machine.*

runs under the threads, and carries any superfluous flocks or feathers back into the hopper. In this manner any foreign substance may be evenly or intermittently twisted into the yarn.