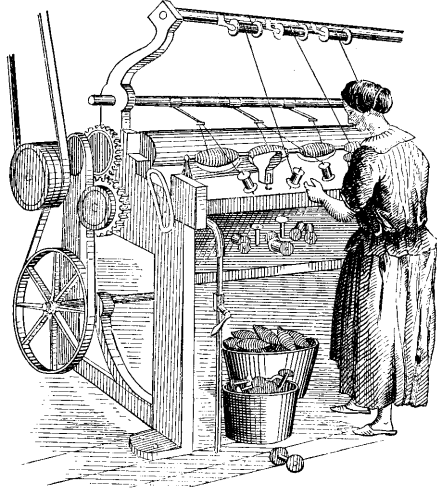


Gas'sing. (*Cotton-manufacture.*) The process of burning the divergent fibers or *fluff* from yarn. The loose filaments are burned off by passing the yarn quickly through a gas-flame. The yarn is thus prepared for thread, lace, and hosiery. An average yarn loses about one eighteenth in the operation.

The *gassing-frame* has a row of jets about twelve inches apart, and a little hood above each. The yarn is led from one bobbin to a second, which is rotated by being pressed against a rotating roller. The yarn in passing between the spools traverses back and forth through the flame passing over pulleys. //

On emerging from the flame the yarn is cleaned by a brush and passes through a notch in a piece of brass, which is arranged to detect any knot or lump

Fig. 2194.



Gassing Yarn.

in the yarn. A defect of this character depresses the brass, and instantly turns aside the gas-burner, so that the yarn is not burnt during the temporary stoppage; the defect being remedied by the minder, the parts are restored to their normal position and the operation proceeds.