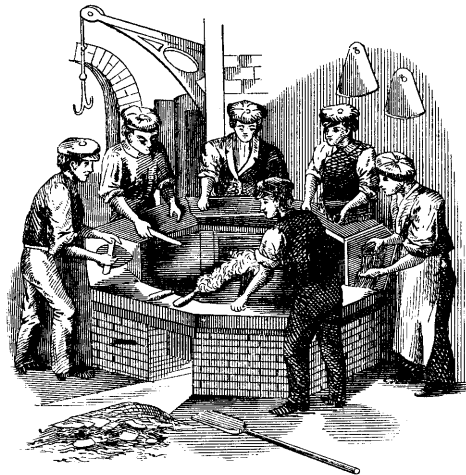


HAT-MAKERS' BATTERY.

Hat-mak'ers' Bat'ter-y. (*Hat-making.*) A large boiler with a surrounding set of benches for a number of workmen. The water has a small quantity of sulphuric acid to enable the fur to felt more readily.

At the battery the conical hat-body and the sheet of fur *napping*, each previously prepared, are united, so that the latter forms a fur covering to the former. The junction is accomplished by laying the napping

Fig. 2435.



Hat-Makers' Battery.

on the body, pressing, rubbing, and rolling with a pin. Boiling-hot water is sprinkled over them from time to time, by means of a *stopping* brush, and when a certain degree of cohesion is obtained the conical hat is ready for *shaping*.

The effect of the manipulations is to drive the butt-ends of the filaments into the interstices between the fibers of the body (see FELT), and it is persevered in no longer than is sufficient to give the nap a good hold on the body.

A wooden tool held in the palm of the workman's hand is the means of rubbing, and is held on by a string. It is called a *glove*.