

Ramie Culture in Pennsylvania.

It is reported on what seems to be trustworthy authority, that a company has been formed in Pennsylvania for the purpose of going systematically into the cultivation and manufacture of the ramie plant and fiber, which, if successful, would prove of the highest value to the textile interests that are so highly developed in the chief city of that State.

The account from which we glean this information, gives the following additional items respecting the state of the case: Two thousand ramie plants were recently brought from Louisiana and planted in Pennsylvania. A company has been organized in that State for introducing ramie culture on a large scale, and this is the initiative step. The Landreths, the well-known seedsmen, are active participants in the new scheme, and several acres of their farm near

Philadelphia will be devoted to the cultivation of the plant. An interesting feature of this experiment to create a new industry, is that a decorticating machine has been invented, and is now being made, which, it is affirmed, surpasses all other similar machines in its manner of working and efficiency.

and directed towards the discharge channel, which is situated a little below the level of the axis of the drum (Fig. 1.)

Alfred Tresca has made an interesting study of

was delivered into a conduit 0.55 of a meter below the same axis, making the effective lift 14.65 meters. The complete results of these trials were made the subject of a report to the Société d'Encouragement pour l'Industrie Nationale, by M. Tresca. In the following is given a *résumé* of the results obtained in three series of experiments:

1. Width of band, 9.4 cm., furnished with