

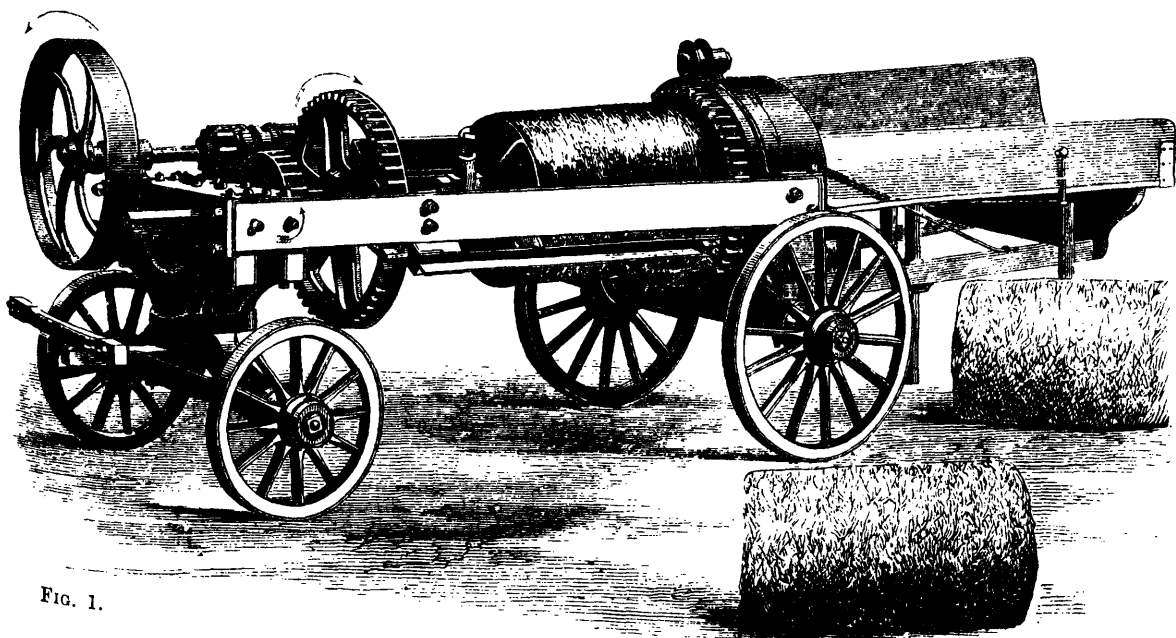


FIG. 1.

PILTER'S ROTARY HAY PRESS.

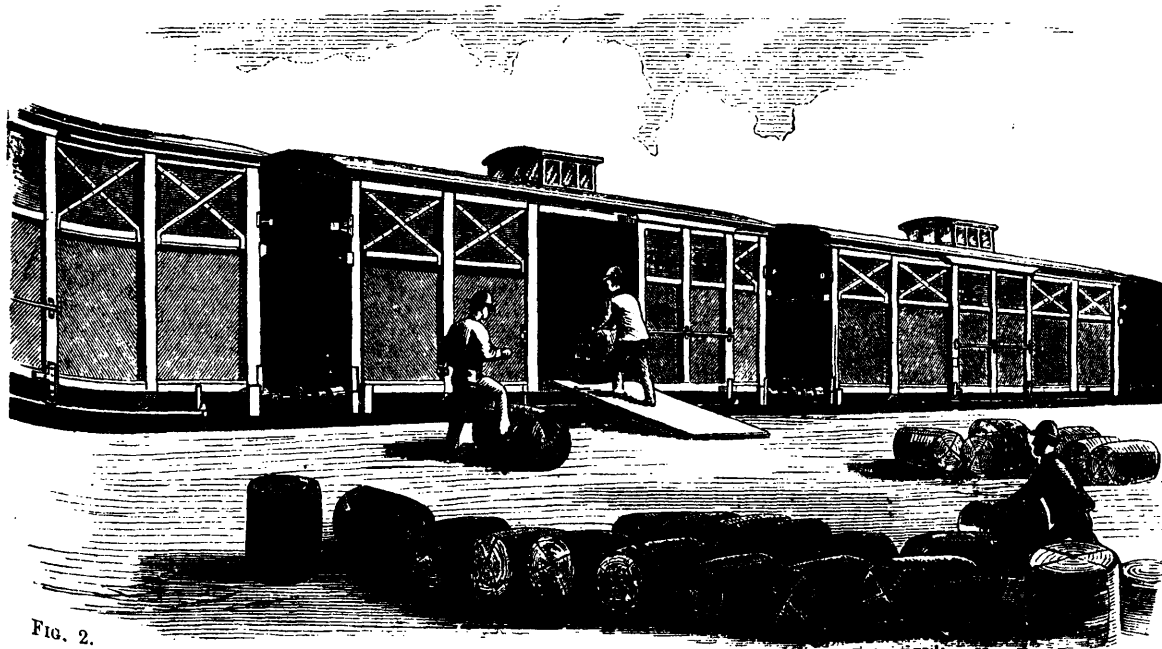


FIG. 2.

LOADING HAY CYLINDERS.

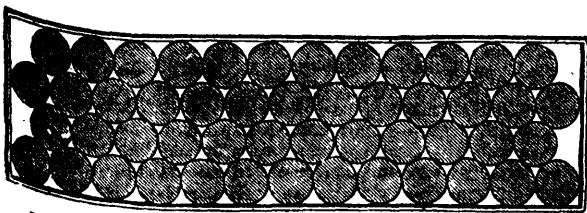


FIG. 3.

HAY PRESS.

NEW HAY PRESS.

The great volume of hay in its natural state renders it very difficult of transport, so that where vast quantities are required for the forage of armies or the wants of large industrial establishments, it becomes necessary to reduce its bulk very considerably. This, however, must be done judiciously, and above all uniformly; for if a certain pressure, determined by experience, be exceeded in any portion of the mass, the nutritious juices are expressed, and the hay rendered comparatively valueless. It is found that hay cannot be compressed like cotton by the application of one direct pressure, but that the consolidation must be effected by two separate operations, one for placing the particles in as close proximity as possible with a slight degree of pressure,