

3. (*Nautical.*) An instrument by which the rudder is moved. A *tiller-wheel*. See STEERING-WHEEL.

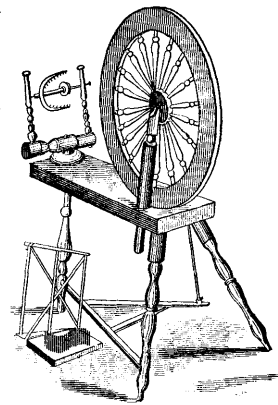
4. (*Pyrotechnics.*) *Wheel-cases* are strong tubes made like rocket-cases, and filled with a composition which burns more slowly than rocket-filling.

They are placed on the edges of revolving wheels, in the direction of the plane of their framework, in order to impart a rotary motion, at the same time giving out long rays of sparkling light.

*Sun-cases* are similar to the above.

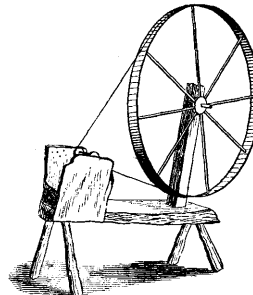
*Catherine-wheels* are revolving wheels, whose rotation is caused by the flame escaping from a series of cases arranged so as to form a continuous spiral.

Fig. 7171.



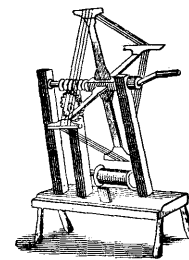
Flax Wheel, Card, and Reel.

Fig. 7172.



"Old-Time" Wool-Wheel.

Fig. 7173.



Knot-Reel.

2. (*Spinning.*) A hand-machine for twisting rovings or yarn. A SPINNING-WHEEL. It differs in form with the material and purpose. The use is described under SPINNING.

Figs. 7171, 7172, 7173, show respectively a flax wheel, card, and reel; a wool-wheel; and a knot-reel for skeining off knots of a given length from the cops on the spindles.