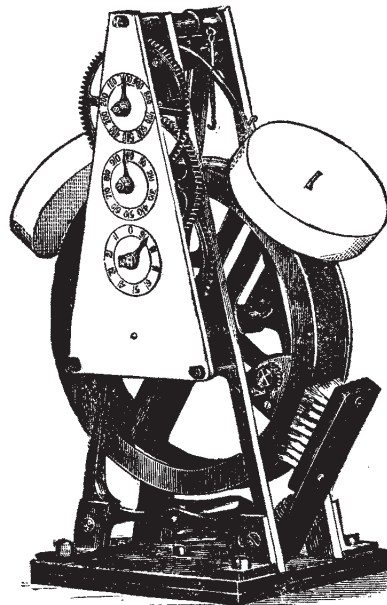


Nap Me'ter. An instrument invented by Prof. Kittary and used for testing the wearing quality of cloth, by the Russian war office.

The instrument consists of a double-flanged wheel, faced with leather between the flanges, and having two rasps hung and weighted so as to bear upon that face; also an ordinary set of counting-wheels and dial-plates, to show the number

Fig. 1799



Russian Nap Meter.

of revolutions of the flanged wheel. The cloth to be tested is wound in a narrow strip around the leathern face and secured, a light brush is provided to remove the dust, the rasps brought to bear upon the cloth, and the number of turns of the crank required to wear the cloth threadbare and smooth gives a comparative test of its durability and wearing qualities.