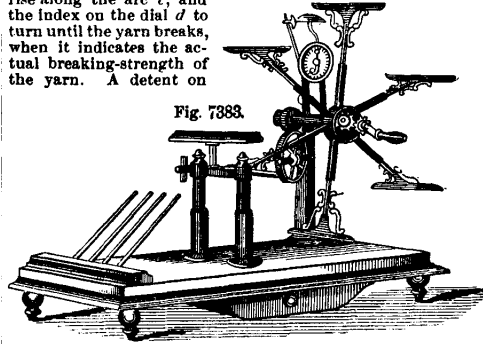


Yarn-test'er. An instrument for determining the strength of yarns.

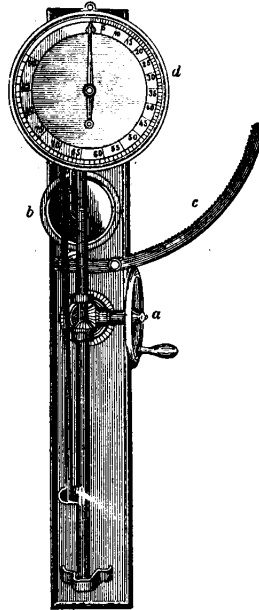
A cut of the yarn to be tested is passed over two hooks, one of which, by turning a hand-wheel *a* that operates a screw, is caused to recede from the other. By this means the yarn is strained until broken. The tension causes the weight *b* to rise along the arc *c*, and the index on the dial *d* to turn until the yarn breaks, when it indicates the actual breaking-strength of the yarn. A detent on

Fig. 7383.



Yarn-Testing Reel.

Fig. 7385.



Yarn-Tester.