**Yarn-tester.** 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 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