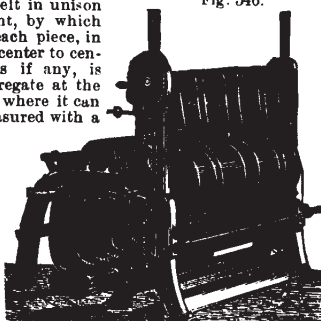


Carpet Match'ing and Meas'ur-ing Machine'. Carpets which are woven in patterns for matching often vary in the distance from center to center of the figure from various causes, although the greatest care be taken to have them alike. The variations being sufficient to prevent some of them from matching properly, it is customary to measure each piece with a measure corresponding to the length of the figure, and note the difference, whether over or under the standard, on the tag, so that the pieces which agree in length of the figures may be put together.

Short's machine for matching and measuring carpets has an endless belt with divisions of its length corresponding with the distance from center to center of the figure of the carpet to be matched; also mechanism in connection therewith for drawing the goods over a table alongside of the belt in unison with its movement, by which the variation of each piece, in the distance from center to center of the figures if any, is shown in the aggregate at the end of each piece, where it can be accurately measured with a rule, to be noted on the tag attached to the piece when rolled.

Combined with the mechanism employed for drawing the goods along the matching device, and operating the latter, is mechanism for measuring, singeing, brushing, and rolling the goods at the same time they are matched, by which one movement of the goods answers for all these several operations.

Fig. 546.



Carpet Winder.