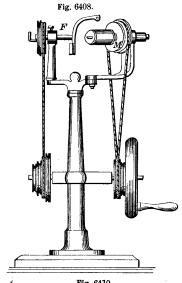
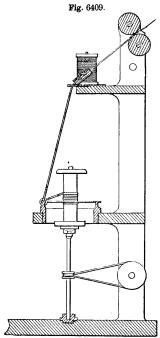
Thread-wind/er. A machine for spooling thread, etc.

thread, etc. In that shown (Fig. 6407), a friction-wheel C imparts motion to a small wheel on the axis carrying the spool. The thread-guide FL has an adjustable pivot, by which it is adapted to different sizes of spools and thread, and is traversed, to lay the thread evenly on the spool, by a cam-wheel R rotated by a screw-thread on the shaft B. Fig. 6408 is a machine for laying the exterior layers of button-hole twist, etc., on the spool, so as to form various patterns. The spool is placed on a spindle upon the pulley M, and part of







Machine for Producing Variegated Thread.

back a short distance from time to time, or the thread-guide may be reciprocated.

