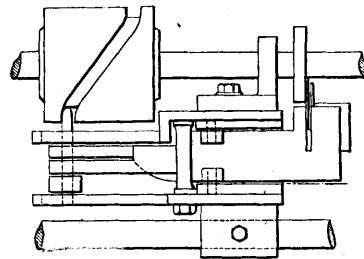


TEXTILE MACHINERY.

19,877. D. M. Seaton, Bradford, Yorks. Selvedge Trimmer. [5 Figs.] October 4, 1899.—This invention has for object to provide an apparatus by which yarn threads projecting beyond the cloth selvedge may be removed as the cloth is being woven, thus improving the appearance of the cloth. Secured to the loom frame at each edge of the cloth is a frame having cam paths placed opposite to each other, between which are two arms jointed together at one end and guided where jointed in lateral paths. Projecting from the before-mentioned arms are pins engaging with the cam paths, and at the outward end of the arms are pads for securing the cloth on the closing of the arms, which is effected by the contour of the before-mentioned cam paths. A knife is fixed to one of the arms, and mounted to the baseplate of the frame is a rotating shaft supporting a rotating knife, which



in its rotation passes through slots in the before-mentioned arms and in contact with the face of the fixed knife. A cam secured on the before-mentioned shaft operates the arms in a linear direction, the outer end of the arms opening out when travelling towards the cloth, and at the termination of the stroke the arm ends are brought together, the before-mentioned pads gripping the cloth near the edge. On the return stroke, the cloth (still gripped) is stretched to a degree sufficient for bringing the selvedge to the face of the fixed knife, and while held in this position the rotating knife passes over the face of the fixed knife, cutting away any projecting pieces of weft; then the arms are liberated by the cam paths, and returned outwards for making another grip of the cloth and stretching it ready for the operation of cutting to be repeated. (Accepted August 8, 1900.)