Let-off. (Weaving.) An arrangement in a loom by which the yarn is paid off from the beam at such a rate as it shall be required by the weaving-process, and which is dependent upon the rate of the picks, the sizes of the warp and weft thread, the compactness with which it is beaten up by the lay. The take-up is the winding on to the cloth-beam of the completed web, and proceeds coincidently with the let-off from the yarn-beam. Regularity of let-off is secured by making the rate of surface motion of the yarn-beam depend upon the tension of the yarn; and the rate of revolution of the beam, to secure equal speed of let-off, will become rapid as the bulk of yarn diminishes upon the roller. The devices for this purpose are numerous. In the example, the same cam $E$ operates both the take-up and let-off devices; the strain of the yarn on the whip-roll $T$ operates through the arm $S$ and rod $Q$, paws which act upon the ratchet by which the yarn-beam $B$ is rotated.