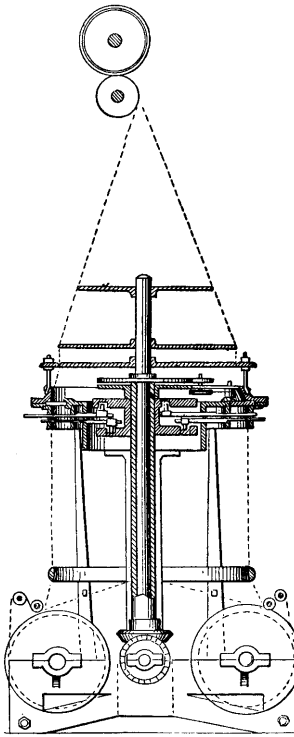


Fig. 6751.

**Tub'ular
Fabric-loom.**
(Weaving.) A machine for weaving hollow goods, such as bags, skirts, and other tubular fabrics.

In Greenough's circular loom, the sole of the shuttle-race is formed by the reed; the shuttle has a roller at its heel, by which it receives its impulse from a revolving arm having a positively revolving roller at its end; a projecting wedge-shaped fin on the shuttle, having rollers thereon, causes the forcing or beating up of the weft-threads in the shed. An inner



Greenough's Circular Loom.

and outer ring nearly touching at the line where the warp-threads cross each other, relieve the warp from strain when the shuttle is beating up.

In Danby's machine for weaving a covering for cords, two filling-thread carriers travel in a circular groove, and a series of weft-thread carriers travel in radial grooves which cross the circular one, thus opening and closing the shed. When a weft-thread breaks, the machine stops automatically, thus: the weight or slide which it has held up drops, allowing a projection thereon to come in contact with an arm and unlatch the weighted lever, whose upper arm in rising lifts the cog-wheel out of gear with the driving-gear.