Harness.

2. (Loom.) The apparatus in a loom by which the sets of warp-threads are shifted alternately to form the shed. Each set of the warp-threads lies in the loops of knotted cords stretched in vertically reciprocating frames called heddles, or healds. These are moved by cords or straps connected to rods or levers, to which the appropriate recurrent motion is imparted. See Loom.

The harness of a loom is termed the mounting; and the whole apparatus concerned in the motions of the warp-threads is the shedding.

The illustration shows a form of hand-loom in which the motion of the lathe $E$ is the means of working the harness in the order required by the twill, check, or pattern. As the lathe $E$ is moved toward the treadles $H$, the lever pushes the pin $J$, with which it may be in contact, and revolves the drum $K$, operating the treadles $H$. As the lathe moves forward, the spring raises the lever into position to take hold of the next pin and again revolve the drum at the next backward movement.