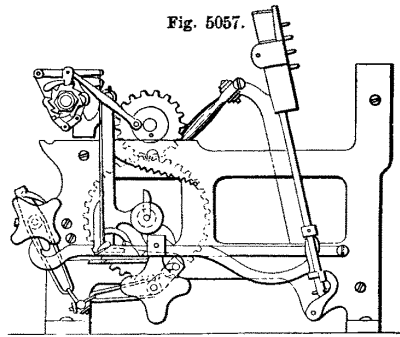


Shuttle-box. A tray or case at the end of a shuttle-race, to receive the shuttle at the end of its fly.

Specifically, one of a set of compartments containing shuttles with differently colored threads, and brought into relation with the picker according to the pattern. The shuttle-boxes are adjusted vertically to bring the shuttles in the required succession to the pickers; a pattern-chain governs the movements of the rods to which the shuttle-boxes are secured.

In the example, a lever is connected by a link to a standard, upon which latter the shuttle-boxes are mounted, and is operated by two cams in such a manner as to raise or lower the standard upon which the series of shuttle-boxes is placed, so

Fig. 5057.



Shuttle-Box for Figure-Weaving Loom.

that any one of the boxes may be brought to the race from any position at every pick. The cams are actuated by a pawl and ratchet connected by rods with levers placed in contact with a revolving pattern-chain.