

CPC**COOPERATIVE PATENT CLASSIFICATION****D03J****AUXILIARY WEAVING APPARATUS; WEAVERS' TOOLS; SHUTTLES****D03J 1/00****Auxiliary apparatus combined with or associated with looms**

D03J 1/001

- . { Cloth or warp beam replacement }

D03J 1/002

- . { Climatic conditioning or removing lint or dust }

D03J 1/003

- . { Devices for lubricating machine parts }

D03J 1/004

- . { Detection and repair of broken warp yarns }

D03J 1/005

- . { Displays or displaying data }

D03J 1/006

- . { Controlling a group of looms }

D03J 1/007

- . { Fabric inspection on the loom and associated loom control }

D03J 1/008

- . { Cooling systems }

WARNING

Not complete pending the completion of a reclassification; see also group [D03J 1/00](#)

D03J 1/02

- . for treating warp, e.g. cleaning, moistening

D03J 1/04

- . for treating weft

D03J 1/06

- . for treating fabric (cutting pile on the loom [D03D 39/24](#))

D03J 1/08

- . . for slitting fabric

D03J 1/10

- . for indicating pattern to weaver

D03J 1/12

- . transferring bobbins between loom and winding station (bobbin-winding machines [B65H](#))

D03J 1/13

- . for leasing warp (leasing in general [D02H 9/00](#))

D03J 1/14

- . Apparatus for threading warp stop-motion droppers, healds, or reeds

D03J 1/16

- . Apparatus for joining warp ends (knot-tying tools [D03J 3/00](#))

D03J 1/18

- . . for joining, e.g. tying, a complete series of fresh warp threads to the used warp threads

D03J 1/20

- . Measuring length of fabric or number of picks woven

D03J 1/22

- . Temples

D03J 1/223	. . { acting on the full width of cloth }
D03J 1/226	. . { provided with a thread cutter }
D03J 1/24	. Mirrors or other arrangements for inspecting loom parts
D03J 3/00	Weavers` tools, e.g. knot-tying tools
D03J 3/02	. Reed and heald hooks
D03J 3/04	. Shuttle-threading tools (threading devices in shuttles D03J 5/20)
D03J 5/00	Shuttles (swivel shuttles D03D 31/00 ; shuttles for smallware looms D03D 35/00 ; circular loom shuttles D03D 37/00 ; selvedge shuttles D03D 47/46)
D03J 5/02	. Construction of shuttle body
D03J 5/04	. . Shuttle tips
D03J 5/06	. Dummy shuttles; Gripper shuttles
D03J 5/065	. . { for travelling-wave-shed looms }
D03J 5/08	. Supports for pirns, bobbins, or cops
D03J 5/10	. . Pegs or spindles
D03J 5/12	. . . removable
D03J 5/14	. . . pivoted
D03J 5/16	. . Bobbin clamps, e.g. for automatic bobbin-changing loom shuttles
D03J 5/18	. . for coreless cops, i.e. shuttles having no peg or bobbin clamp
D03J 5/20	. Devices in shuttles for threading (separate tools for threading shuttles D03J 3/04)
D03J 5/22	. . for self-threading, i.e. threading automatically when shuttle is picked
D03J 5/24	. Tension devices
D03J 2700/00	Auxiliary apparatus associated with looms; Weaving combined with other operations; Shuttles
D03J 2700/02	. Treatment of the weaving material on the loom, e.g. sizing, humidifying, cleaning
D03J 2700/04	. Efficiency control of looms
D03J 2700/06	. Auxiliary devices for inspecting, counting or measuring
D03J 2700/10	. Shuttles
D03J 2700/12	. . for automatic bobbin changing
D03J 2700/14	. . Gripper shuttles
D03J 2700/16	. . . with warp or weft stop motion