

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