

**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	<ul style="list-style-type: none"> <li>Construction of shuttle body</li> </ul>
D03J 5/04	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>Shuttle tips</li> </ul> </li> </ul>
D03J 5/06	<ul style="list-style-type: none"> <li>Dummy shuttles; Gripper shuttles</li> </ul>
D03J 5/065	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>{for travelling-wave-shed looms}</li> </ul> </li> </ul>
D03J 5/08	<ul style="list-style-type: none"> <li>Supports for pirns, bobbins, or cops</li> </ul>
D03J 5/10	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>Pegs or spindles</li> </ul> </li> </ul>
D03J 5/12	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>removable</li> </ul> </li> </ul> </li> </ul>
D03J 5/14	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>pivoted</li> </ul> </li> </ul> </li> </ul>
D03J 5/16	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>Bobbin clamps, e.g. for automatic bobbin-changing loom shuttles</li> </ul> </li> </ul>
D03J 5/18	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>for coreless cops, i.e. shuttles having no peg or bobbin clamp</li> </ul> </li> </ul>
D03J 5/20	<ul style="list-style-type: none"> <li>Devices in shuttles for threading (<a href="#">separate tools for threading shuttles D03J 3/04</a>)</li> </ul>
D03J 5/22	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>for self-threading, i.e. threading automatically when shuttle is picked</li> </ul> </li> </ul>
D03J 5/24	<ul style="list-style-type: none"> <li>Tension devices</li> </ul>
<b>D03J 2700/00</b>	<b>Auxiliary apparatus associated with looms; Weaving combined with other operations; Shuttles</b>
D03J 2700/02	<ul style="list-style-type: none"> <li>Treatment of the weaving material on the loom, e.g. sizing, humidifying, cleaning</li> </ul>
D03J 2700/04	<ul style="list-style-type: none"> <li>Efficiency control of looms</li> </ul>
D03J 2700/06	<ul style="list-style-type: none"> <li>Auxiliary devices for inspecting, counting or measuring</li> </ul>
D03J 2700/10	<ul style="list-style-type: none"> <li>Shuttles</li> </ul>
D03J 2700/12	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>for automatic bobbin changing</li> </ul> </li> </ul>
D03J 2700/14	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>Gripper shuttles</li> </ul> </li> </ul>
D03J 2700/16	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>with warp or weft stop motion</li> </ul> </li> </ul> </li> </ul>