

## SECTION D — TEXTILES; PAPER

### D03 WEAVING

#### D03J AUXILIARY WEAVING APPARATUS; WEAVERS' TOOLS; SHUTTLES

##### 1/00 Auxiliary apparatus combined with or associated with looms

- 1/02 • for treating warp, e.g. cleaning, moistening
- 1/04 • for treating weft
- 1/06 • for treating fabric (cutting pile on the loom D03D 39/24)
- 1/08 • • for slitting fabric
- 1/10 • for indicating pattern to weaver
- 1/12 • transferring bobbins between loom and winding station (bobbin-winding machines B65H)
- 1/13 • for leasing warp (leasing in general D02H 9/00) [2]
- 1/14 • Apparatus for threading warp stop-motion droppers, healds, or reeds
- 1/16 • Apparatus for joining warp ends (knot-tying tools D03J 3/00)
- 1/18 • • for joining, e.g. tying, a complete series of fresh warp threads to the used warp threads
- 1/20 • Measuring length of fabric or number of picks woven
- 1/22 • Temples
- 1/24 • Mirrors or other arrangements for inspecting loom parts

##### 3/00 Weavers' tools, e.g. knot-tying tools

- 3/02 • Reed and heald hooks
- 3/04 • Shuttle-threading tools (threading devices in shuttles D03J 5/20)
- 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)
- 5/02 • Construction of shuttle body
- 5/04 • • Shuttle tips
- 5/06 • Dummy shuttles; Gripper shuttles
- 5/08 • Supports for pirns, bobbins, or cops
- 5/10 • • Pegs or spindles
- 5/12 • • • removable
- 5/14 • • • pivoted
- 5/16 • • Bobbin clamps, e.g. for automatic bobbin-changing loom shuttles
- 5/18 • • for coreless cops, i.e. shuttles having no peg or bobbin clamp
- 5/20 • Devices in shuttles for threading (separate tools for threading shuttles D03J 3/04)
- 5/22 • • for self-threading, i.e. threading automatically when shuttle is picked
- 5/24 • Tension devices