

CPC**COOPERATIVE PATENT CLASSIFICATION****B43L****ARTICLES FOR WRITING OR DRAWING UPON; {WRITING OR DRAWING AIDS;} ACCESSORIES FOR WRITING OR DRAWING**

(workshop equipment for marking-out work [B25H 7/00](#); teaching hand-writing or drawing [G09B 11/00](#))

NOTE

Devices used for both teaching and facilitating writing or drawing are classified in [G09B 11/00](#))

Articles for writing or drawing upon**B43L 1/00**

Repeatedly-usable boards or tablets for writing or drawing ([drawing-boards B43L 5/00](#))

- [B43L 1/002](#) . {chemical details}
- [B43L 1/004](#) . {with illuminating devices}
- [B43L 1/006](#) . . {with luminescent substances}
- [B43L 1/008](#) . {with magnetic action}
- [B43L 1/02](#) . Slates
- [B43L 1/04](#) . Blackboards ({wall mounting or suspension arrangements for blackboards or the like [A47B 97/001](#)}; easels or stands for blackboards [A47B 97/04](#))
- [B43L 1/045](#) . . {with magnetic action}
- [B43L 1/06](#) . . rigid
- [B43L 1/08](#) . . flexible
- [B43L 1/10](#) . . Writing surfaces thereof
- [B43L 1/12](#) . having translucent writing surfaces producing visual impressions by co-operation with backing members {(B43L 1/008 takes precedence)}
- [B43L 1/123](#) . . {Flexible writing surface or backing}
- [B43L 1/126](#) . . . {with interposed adhesive substances}

B43L 3/00

Writing or drawing underlays, e.g. blotting pads (blotters [B43L 17/00](#); {supports for note pads: [B42D 5/005](#)})

- [B43L 3/001](#) . {with illuminating devices}
- [B43L 3/002](#) . . {with luminescent substances}
- [B43L 3/004](#) . {without blotting means}
- [B43L 3/005](#) . {provided with a casing}
- [B43L 3/007](#) . {with rain protection means}
- [B43L 3/008](#) . {with supporting means (bracelets with means for attaching a writing instrument or a memo pad [A44C 5/0046](#); for attachment to shopping trolleys [B62B 3/1428](#))}

B43L 5/00

Drawing boards ([drawing desks or tables A47B 27/00](#), [A47B 85/02](#); stands for drawing-boards [A47B 97/04](#))

- B43L 5/002 . {with pivoting drawing surface}
- B43L 5/005 . {with magnetic action}
- B43L 5/007 . {drawing copying devices using a transparency}
- B43L 5/02 . having means for clamping sheets of paper thereto ([drawing-pins B43M 15/00](#))
- B43L 5/022 . . {with magnets}
- B43L 5/025 . . {with paper rolls}
- B43L 5/027 . . {with suction devices}

Writing or drawing aids

B43L 7/00 **Straightedges** (guides; curve rulers or templates [B43L 13/20](#); straightedges characterised by the provision of indicia or the like for measuring, e.g. rulers or tapes with measuring scales or marks for direct reading, [G01B](#))

NOTE

In this group, the following term is used with the meaning indicated:

- "straightedge" means an instrument or its edge serving the purpose of acting as a guide for the drawing of a straight line.

- B43L 7/002 . {for drawing boards and tables}
- B43L 7/005 . {combined with other drawing aids}
- B43L 7/007 . {with holding means}
- B43L 7/02 . T-squares {and other similar squares}
- B43L 7/023 . . {with magnets}
- B43L 7/027 . Plural non-adjustable straightedges fixed at right angles ([B43L 7/02 takes precedence](#))
- B43L 7/0275 . . {Triangles}
- B43L 7/033 . Plural non-adjustable straightedges forming non-right angles
- B43L 7/04 . with rollers ([with interconnected rollers B43L 13/02](#))
- B43L 7/08 . with arrangements for attaching additional drawing equipment e.g. for hatching, dotting
- B43L 7/10 . Plural straightedges relatively movable
- B43L 7/12 . . Square and pivoted straightedges
- B43L 7/125 . . . {Comprising at least two straightedges remaining parallel}
- B43L 7/14 . . Square and sliding straight edges

B43L 9/00 **Circular curve-drawing or like instruments** (curve rulers or templates [B43L 13/00](#))

- B43L 9/002 . {with perforated or marked discs}
- B43L 9/005 . {with rollers or carriages}
- B43L 9/007 . {with perforated or marked rulers}
- B43L 9/02 . Compasses ([proportional compasses B43L 9/08](#); {Compasses for drawing ellipses [B43L 11/041](#); } [Compasses for drawing spirals B43L 11/06](#))
- B43L 9/025 . . {Compasses with parallel legs}

- B43L 9/04 . . . Beam compasses
- B43L 9/045 . . . {Tape compasses}
- B43L 9/06 . . . with legs formed by flat springs
- B43L 9/08 . . . Proportional compasses or dividers
- B43L 9/10 . . . with arrangements for drawing polygons
- B43L 9/12 . . . Dividers ([proportional dividers B43L 9/08](#))
- B43L 9/14 . . . with changeable leg-ends for conversion into compasses, dividers, or callipers ([B43L 9/24 takes precedence](#))
- B43L 9/16 . . . Features common to compasses, dividers, and callipers
- B43L 9/18 . . . Legs with toggle joints
- B43L 9/20 . . . Pivots
- B43L 9/22 . . . Leg-angle adjusting-means separate from pivots
- B43L 9/24 . . . Means for mounting points or writing appliances on legs
- B43L 9/245 {for mounting centering elements}

B43L 11/00**Non-circular-curve-drawing instruments** ([curve rulers or templets B43L 13/20](#))

- B43L 11/005 . . . {pendulum-actuated}
- B43L 11/02 . . . for drawing conic sections
- B43L 11/04 for drawing ellipses
- B43L 11/041 {by means of a compass}
- B43L 11/043 {with stencils}
- B43L 11/045 with cords or like flexible elements
- B43L 11/05 with gears
- B43L 11/055 with guides
- B43L 11/06 . . . for drawing spirals
- B43L 11/08 . . . for drawing involutes

B43L 12/00**Means to prevent slippage**

- B43L 12/02 . . . magnetic {([magnetic holding means for T-squares: B43L 7/023](#))}

B43L 13/00**Drawing instruments, or writing or drawing appliances or accessories not otherwise provided for** ([stencils for surface decoration B44D](#))

- B43L 13/001 . . . {Mathematical drawing instruments}
- B43L 13/002 {Angle intersecting devices}
- B43L 13/004 {Manual lettering devices}
- B43L 13/005 {Portable combined drawing-aids including boards}
- B43L 13/007 {Contour tracing devices}
- B43L 13/008 {Circle transformers}
- B43L 13/02 . . . Draughting machines or drawing devices for keeping parallelism ([T-squares B43L 7/02](#))
- B43L 13/022 {automatic ([apparatus for recording measured values G01D](#); [Control systems for drawing machines G06K 15/22](#), [G06F 3/13](#))}

B43L 13/024	. . . {Drawing heads therefor}
B43L 13/026	. . . {for writing characters or symbols (manual lettering devices B43L 13/004)}
B43L 13/028	. . {Hand held or associated with the writing instrument}
B43L 13/04	. . Guides for rulers
B43L 13/041	. . . {with toothed racks}
B43L 13/043	. . . {with squares}
B43L 13/045	. . . {with carriages}
B43L 13/046	. . . {with cables}
B43L 13/048	. . . {with T-squares}
B43L 13/06	. . . with pivoted guide rods
B43L 13/08	. . Protractor heads
B43L 13/10	. Pantographic instruments for copying, enlarging, or diminishing (arrangements for copying in machine tools B23Q)
B43L 13/12	. . Multiple writing devices
B43L 13/14	. Devices for drawing in perspective
B43L 13/141	. . {Two-dimensional devices}
B43L 13/142	. . . {T-squares (T-squares in general B43L 7/02)}
B43L 13/143	. . . {mounted on parallel-motion drawing appliances (parallel devices in general B43L 13/02)}
B43L 13/144	. . . {including protractors}
B43L 13/145	. . . {Rulers (rulers in general B43L 7/00)}
B43L 13/146	. . . {Squares (squares in general B43L 7/02)}
B43L 13/147	. . {Three-dimensional devices}
B43L 13/148	. . {using copying or multiple drawing arrangements}
B43L 13/149	. . {including grids}
B43L 13/16	. . free-hand
B43L 13/18	. . . having optical or projecting equipment (optical systems or apparatus G02B ; projectors G03B)
B43L 13/20	. Curve rulers or templates
B43L 13/201	. . {Stencils for drawing figures, objects}
B43L 13/203	. . . {human, animal, or vegetal figures}
B43L 13/205	. . . {geometrical figures}
B43L 13/206	. . . {material objects}
B43L 13/208	. . . {letters, numbers, symbols (lettering devices B43L 13/004)}
B43L 13/22	. . Adjustable curve rulers
B43L 13/24	. Devices for generating stepwise movements of drawing equipment, e.g. for hatching
B43L 15/00	Supports for attachment to hands or arms for facilitating writing or drawing

Writing or drawing accessories

B43L 17/00 **Blotters** (blotting pads [B43L 3/00](#); combined with writing implements [B43K 29/04](#); making blotting paper [D21F 11/14](#))

- B43L 17/02 . for blotting-paper sheets
- B43L 17/04 . . hand held
- B43L 17/06 . for reeled blotting-paper
- B43L 17/08 . . Roller blotters
- B43L 17/10 . using blotting material other than paper

B43L 19/00 **Erasers, rubbers, or erasing devices; Holders therefor** (rubbers or erasing knives combined with writing implements [B43K 29/02](#), [B43K 29/18](#))

- B43L 19/0006 . {motor-driven}
- B43L 19/0012 . . {Mechanical motors, e.g. springs, spindles}
- B43L 19/0018 . {with fluids}
- B43L 19/0025 . {Eraser or rubber material, e.g. comprising hard particles}
- B43L 19/0031 . . {comprising magnetic particles therein}
- B43L 19/0037 . {Eraser cleaners}
- B43L 19/0043 . {Erasing by electronic or electrolytic means}
- B43L 19/005 . {Finger mounted erasers}
- B43L 19/0056 . {Holders for erasers}
- B43L 19/0062 . . {Magnetic holders}
- B43L 19/0068 . . {Hand-held holders}
- B43L 19/0075 . . . {of the pencil type}
- B43L 19/0081 {of the mechanical pencil type}
- B43L 19/0087 . {Assembling, repairing or finishing erasers}
- B43L 19/0093 . {Eraser shields}
- B43L 19/02 . Erasing knives (knives in general [B26B](#))
- B43L 19/04 . Fibrous erasers

B43L 21/00 **Blackboard or slate cleaning devices**

- B43L 21/02 . with means for absorbing the chalk dust
- B43L 21/04 . Wiper holders

B43L 23/00 **Sharpeners for pencils or leads** (grinding or cutting tools in general [B24](#); [B26](#); combined with writing implements [B43K 29/06](#))

- B43L 23/002 . {with continuous conveying means for the pencil}
- B43L 23/004 . {with radial cutting blades}
- B43L 23/006 . {with rasping surfaces}
- B43L 23/008 . {with rotating cutting bodies}
- B43L 23/02 . with gearing

- B43L 23/04
 - . with cranked handles
- B43L 23/06
 - in which the pencils or leads are sharpened by only axial movement against cutting blades
- B43L 23/08
 - in which the pencils or leads are sharpened mainly by rotational movement against cutting blades ([B43L 23/02](#) takes precedence)
- B43L 23/085
 - . {one of the blades being used for shaping the writing point}
- B43L 25/00**
 - **Ink receptacles** (liquid receptacles in general [B65D](#), e.g. [B65D 1/00](#))
- B43L 25/001
 - {with adjustable depth of dipping}
- B43L 25/002
 - {Caps or closure means for ink receptacles (closure means for containers in general [B65D](#))}
- B43L 25/004
 - {Ink receptacles with solid ink; Non reversable receptacles}
- B43L 25/005
 - {Ink receptacles incorporated in a table or a bench}
- B43L 25/007
 - {Portable ink receptacles; Filling devices for receptacles}
- B43L 25/008
 - {with wick feed}
- B43L 25/02
 - with separate dipping-cups
- B43L 25/04
 - . supplied by pressure arrangements
- B43L 25/06
 - . supplied by tilting the receptacles
- B43L 25/08
 - with arrangements for dissolving ink powder
- B43L 25/10
 - with means for holding objects
- B43L 25/12
 - with pen-wiping means
- B43L 27/00**
 - **Ink stands**
- B43L 27/02
 - having means for securing objects thereon
- B43L 27/04
 - securable to other objects