

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)
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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