

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

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| 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 templates 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	<ul style="list-style-type: none"> <ul style="list-style-type: none"> with cranked handles
B43L 23/06	<ul style="list-style-type: none"> in which the pencils or leads are sharpened by only axial movement against cutting blades
B43L 23/08	<ul style="list-style-type: none"> in which the pencils or leads are sharpened mainly by rotational movement against cutting blades (B43L 23/02 takes precedence)
B43L 23/085	<ul style="list-style-type: none"> <ul style="list-style-type: none"> {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	<ul style="list-style-type: none"> {with adjustable depth of dipping}
B43L 25/002	<ul style="list-style-type: none"> {Caps or closure means for ink receptacles (closure means for containers in general B65D)}
B43L 25/004	<ul style="list-style-type: none"> {Ink receptacles with solid ink; Non reversable receptacles}
B43L 25/005	<ul style="list-style-type: none"> {Ink receptacles incorporated in a table or a bench}
B43L 25/007	<ul style="list-style-type: none"> {Portable ink receptacles; Filling devices for receptacles}
B43L 25/008	<ul style="list-style-type: none"> {with wick feed}
B43L 25/02	<ul style="list-style-type: none"> with separate dipping-cups
B43L 25/04	<ul style="list-style-type: none"> <ul style="list-style-type: none"> supplied by pressure arrangements
B43L 25/06	<ul style="list-style-type: none"> <ul style="list-style-type: none"> supplied by tilting the receptacles
B43L 25/08	<ul style="list-style-type: none"> with arrangements for dissolving ink powder
B43L 25/10	<ul style="list-style-type: none"> with means for holding objects
B43L 25/12	<ul style="list-style-type: none"> with pen-wiping means
B43L 27/00	Ink stands
B43L 27/02	<ul style="list-style-type: none"> having means for securing objects thereon
B43L 27/04	<ul style="list-style-type: none"> securable to other objects