

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 templets [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