

**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](#))}

<b>B43L 5/00</b>	<b>Drawing boards</b> (drawing desks or tables <a href="#">A47B 27/00</a> , <a href="#">A47B 85/02</a> ; stands for drawing-boards <a href="#">A47B 97/04</a> )
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 ( <a href="#">drawing-pins B43M 15/00</a> )
B43L 5/022	.. {with magnets}
B43L 5/025	.. {with paper rolls}
B43L 5/027	.. {with suction devices}

### Writing or drawing aids

<b>B43L 7/00</b>	<b>Straightedges</b> (guides; curve rulers or templates <a href="#">B43L 13/20</a> ; 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, <a href="#">G01B</a> )
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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 ( <a href="#">B43L 7/02</a> 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 <a href="#">B43L 13/02</a> )
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
<b>B43L 9/00</b>	<b>Circular curve-drawing or like instruments</b> (curve rulers or templates <a href="#">B43L 13/00</a> )
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	<ul style="list-style-type: none"> <li>Compasses (proportional compasses <a href="#">B43L 9/08</a>; {Compasses for drawing ellipses <a href="#">B43L 11/041</a>;} Compasses for drawing spirals <a href="#">B43L 11/06</a>)</li> </ul>
B43L 9/025	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>{Compasses with parallel legs}</li> </ul> </li> </ul>
B43L 9/04	<ul style="list-style-type: none"> <li>Beam compasses</li> </ul>
B43L 9/045	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>{Tape compasses}</li> </ul> </li> </ul>
B43L 9/06	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>with legs formed by flat springs</li> </ul> </li> </ul>
B43L 9/08	<ul style="list-style-type: none"> <li>Proportional compasses or dividers</li> </ul>
B43L 9/10	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>with arrangements for drawing polygons</li> </ul> </li> </ul>
B43L 9/12	<ul style="list-style-type: none"> <li>Dividers (proportional dividers <a href="#">B43L 9/08</a>)</li> </ul>
B43L 9/14	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>with changeable leg-ends for conversion into compasses, dividers, or callipers (<a href="#">B43L 9/24</a> takes precedence)</li> </ul> </li> </ul>
B43L 9/16	<ul style="list-style-type: none"> <li>Features common to compasses, dividers, and callipers</li> </ul>
B43L 9/18	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>Legs with toggle joints</li> </ul> </li> </ul>
B43L 9/20	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>Pivots</li> </ul> </li> </ul>
B43L 9/22	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>Leg-angle adjusting-means separate from pivots</li> </ul> </li> </ul>
B43L 9/24	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>Means for mounting points or writing appliances on legs</li> </ul> </li> </ul>
B43L 9/245	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>{for mounting centering elements}</li> </ul> </li> </ul>
<b>B43L 11/00</b>	<b>Non-circular-curve-drawing instruments</b> (curve rulers or templets <a href="#">B43L 13/20</a> )
B43L 11/005	<ul style="list-style-type: none"> <li>{pendulum-actuated}</li> </ul>
B43L 11/02	<ul style="list-style-type: none"> <li>for drawing conic sections</li> </ul>
B43L 11/04	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>for drawing ellipses</li> </ul> </li> </ul>
B43L 11/041	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>{by means of a compass}</li> </ul> </li> </ul>
B43L 11/043	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>{with stencils}</li> </ul> </li> </ul>
B43L 11/045	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>with cords or like flexible elements</li> </ul> </li> </ul>
B43L 11/05	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>with gears</li> </ul> </li> </ul>
B43L 11/055	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>with guides</li> </ul> </li> </ul>
B43L 11/06	<ul style="list-style-type: none"> <li>for drawing spirals</li> </ul>
B43L 11/08	<ul style="list-style-type: none"> <li>for drawing involutes</li> </ul>
<b>B43L 12/00</b>	<b>Means to prevent slippage</b>
B43L 12/02	<ul style="list-style-type: none"> <li>magnetic {(magnetic holding means for T-squares: <a href="#">B43L 7/023</a>)}</li> </ul>
<b>B43L 13/00</b>	<b>Drawing instruments, or writing or drawing appliances or accessories not otherwise provided for</b> (stencils for surface decoration <a href="#">B44D</a> )
B43L 13/001	<ul style="list-style-type: none"> <li>{Mathematical drawing instruments}</li> </ul>
B43L 13/002	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>{Angle intersecting devices}</li> </ul> </li> </ul>
B43L 13/004	<ul style="list-style-type: none"> <li>{Manual lettering devices}</li> </ul>
B43L 13/005	<ul style="list-style-type: none"> <li>{Portable combined drawing-aids including boards}</li> </ul>
B43L 13/007	<ul style="list-style-type: none"> <li>{Contour tracing devices}</li> </ul>
B43L 13/008	<ul style="list-style-type: none"> <li>{Circle transformers}</li> </ul>

B43L 13/02	. Draughting machines or drawing devices for keeping parallelism ( <a href="#">T-squares B43L 7/02</a> )
B43L 13/022	.. {automatic (apparatus for recording measured values <a href="#">G01D</a> ; Control systems for drawing machines <a href="#">G06K 15/22</a> , <a href="#">G06F 3/13</a> )}
B43L 13/024	... {Drawing heads therefor}
B43L 13/026	... {for writing characters or symbols (manual lettering devices <a href="#">B43L 13/004</a> )}
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 ( <a href="#">arrangements for copying in machine tools B23Q</a> )
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 <a href="#">B43L 7/02</a> )}
B43L 13/143	... {mounted on parallel-motion drawing appliances (parallel devices in general <a href="#">B43L 13/02</a> )}
B43L 13/144	... {including protractors}
B43L 13/145	... {Rulers (rulers in general <a href="#">B43L 7/00</a> )}
B43L 13/146	... {Squares (squares in general <a href="#">B43L 7/02</a> )}
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 ( <a href="#">optical systems or apparatus G02B</a> ; <a href="#">projectors G03B</a> )
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 <a href="#">B43L 13/004</a> )}
B43L 13/22	.. Adjustable curve rulers
B43L 13/24	. Devices for generating stepwise movements of drawing equipment, e.g. for hatching
<b>B43L 15/00</b>	<b>Supports for attachment to hands or arms for facilitating writing or drawing</b>

**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 ( <a href="#">B43L 23/02</a> takes precedence)
B43L 23/085	.. {one of the blades being used for shaping the writing point}
<b>B43L 25/00</b>	<b>Ink receptacles</b> (liquid receptacles in general <a href="#">B65D</a> , e.g. <a href="#">B65D 1/00</a> )
B43L 25/001	. {with adjustable depth of dipping}
B43L 25/002	. {Caps or closure means for ink receptacles (closure means for containers in general <a href="#">B65D</a> )}
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
<b>B43L 27/00</b>	<b>Ink stands</b>
B43L 27/02	. having means for securing objects thereon
B43L 27/04	. securable to other objects