

B44B

MACHINES, APPARATUS OR TOOLS FOR ARTISTIC WORK, e.g. FOR SCULPTURING, GUILLOCHING, CARVING, BRANDING, INLAYING (processes for producing decorative effects [B44C](#); embossing leather [C14B](#))

Definition statement

This place covers:

Artist's machines or apparatus equipped with tools or work holders moving or able to be controlled three-dimensionally for making single sculptures or models,

artist's machines or apparatus equipped with tools or work holders moving or able to be controlled substantially two-dimensionally for carving, engraving, or guilloching shallow ornamenting or markings,

machines or apparatus for embossing decorations or marks, e.g. embossing coins,

machines, apparatus or hand tools for branding,

machines or apparatus for inlaying with ornamental structures, e.g. tarsia or mosaic work,

artist's hand tools for sculpturing, kneading, carving, engraving, guilloching or embossing; accessories therefor

Relationships with other classification places

Attention is drawn to the fact that class [B44](#) is related to any machine, apparatus, tool or process so far as the matter produces an effect or product meant to be judged by eye, whereby human emotions or intellect may be influenced or affected.

General relationship of [B44B](#) with [B41](#)

[B41C](#) and [B41D](#) cover processes and apparatus for the reproduction of printing surfaces; [B41F](#), [B41J](#), [B41K](#) and [B41M](#) cover embossing combined with application of ink, type marking presses, selective embossing mechanisms.

General relationship of [B44B](#) with [B44C](#), [B44D](#) and [B44F](#)

[B44C](#) covers processes for producing decorative surface effects or ornamental structures by removing surface material e.g. by engraving, pressing or stamping, by pyrography and by uniting ornamental elements to mosaics or mosaic plates in [B44C 1/00](#) and [B44C 3/00](#), and for producing special ornamental bodies in [B44C 5/00](#).

[B44D](#) covers artist's accessories or implements for use in connection with painting or artistic drawing, accessories and implements for removing dry paint from surfaces, e.g. by scraping or burning, and surface treatment to obtain artistic effects or finishes or treatment for preserving or restoring paintings.

[B44F](#) covers special designs or pictures, e.g. special or unusual light effects and designs imitating natural patterns.

References

Limiting references

This place does not cover:

Marking or engraving machining specially adapted for treating particular metal objects or for obtaining special effects or results on metal object by the action of a high concentration of electric current	B23H 9/06
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Working of wood not provided for in subclasses B27B - B27L by burning or charring, e.g. cutting with hot wire	B27M 1/06
Printing, duplicating, marking or copying processes; colour printing combined with embossing	B41M 1/24
Machines for ornamenting, producing designs, embossing of leather surfaces	C14B 1/56
Mechanical treatment for finishing or producing designs or patterns on leather	C14B 15/12

Informative references

Attention is drawn to the following places, which may be of interest for search:

Working or processing of sheet metal or metal tubes , rods or profiles without essentially removing material	B21D
Control systems or devices for copying directly from a pattern or master model	B23Q 35/00
Surface shaping of plastics or of substances in a plastic state by mechanical means, e.g. embossing; apparatus therefor	B29C 59/02
Embossing of paper or cardboard without removing material included combined deformation and laminating	B31F 1/07
Processes for the manufacture or reproduction of printing surfaces; engraving	B41C 1/02
Processes or the manufacture or reproduction of printing surfaces by embossing, e.g. with a typewriter	B41C 1/08
Printing machines or presses; apparatus or machines for carrying out printing operations combined with embossing	B41F 19/02
Typewriters; selective printing mechanisms for embossing	B41J 3/38
Stamps; stamping or numbering apparatus or devices with means for offset or intaglio stamping	B41K 1/30
Stamps; stamping or numbering apparatus or devices with means for relief stamping	B41K 3/14
Stamps; stamping or numbering apparatus or devices with means for deforming or punching the copy matter	B41K 3/36
Hand tools specially adapted for the treatment of hides, skins or leather	C14B 19/00
Photomechanical production of textured or patterned surfaces, e.g. for printing, for processing of semiconductor devices, apparatus specially adapted therefor; exposure	G03F 7/20

Glossary of terms

In this place, the following terms or expressions are used with the meaning indicated:

Decorative arts	Crafts or arts providing an effect or product meant to be judged by eye, whereby human emotions or intellect may be influenced or affected. Such crafts or arts may comprise techniques such as sculpturing, kneading, carving, engraving, guilloching, embossing, branding, inlaying.
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Artistic work	Work performed by craftsmen or artists to provide an effect or product meant to be judged by eye, whereby human emotions or intellect may be influenced or affected. Artistic work may comprise techniques such as sculpturing, kneading, carving, engraving, guilloching, embossing, branding, inlaying.
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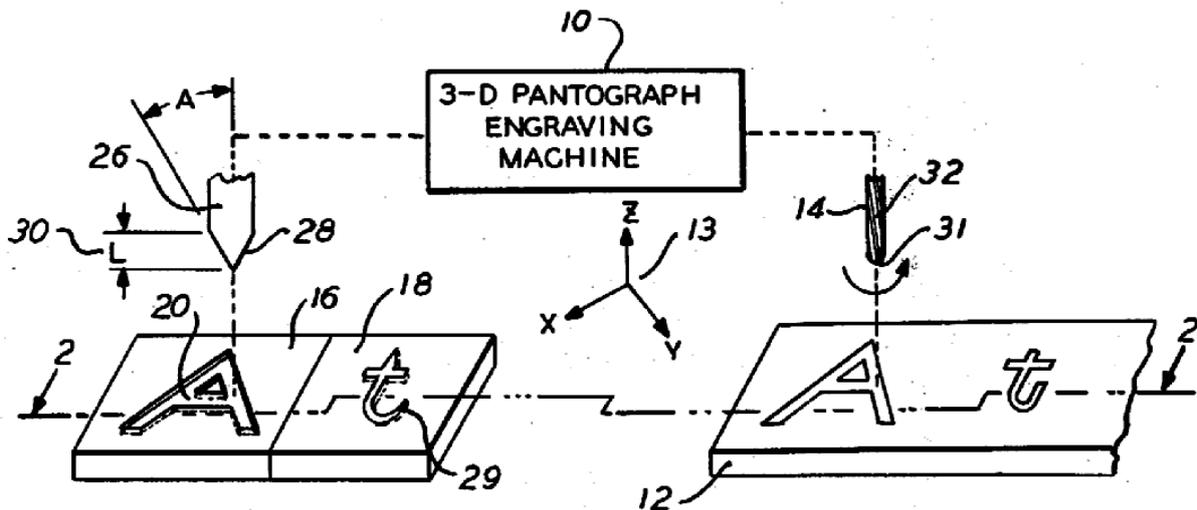
B44B 1/00

Artist's machines or apparatus equipped with tools or work holders moving or able to be controlled three-dimensionally for making single sculptures or models (copying devices for machine tool use [B23Q 35/00](#))

Definition statement

This place covers:

Artist's machines or apparatus equipped with tools or work holders moving or able to be controlled three-dimensionally for making single sculptures or models



US3975983

B44B 3/00

Artist's machines or apparatus equipped with tools or work holders moving or able to be controlled substantially two- dimensionally for carving, engraving, or guilloching shallow ornamenting or markings (marking or engraving metal by the action of a high concentration of electric current [B23H 9/06](#); forme engraving [B41C](#), [B41D](#); engraving by photomechanical reproduction [G03F](#))

Definition statement

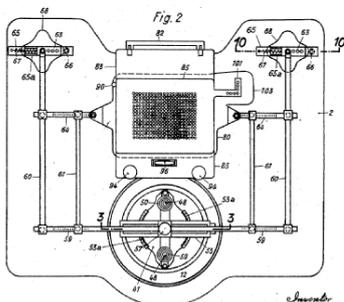
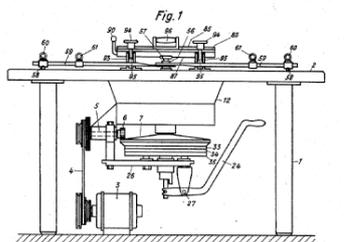
This place covers:

Artist's machines or apparatus equipped with tools or work holders moving or able to be controlled substantially two-dimensionally for carving, engraving or guilloching shallow ornamenting or markings

July 24, 1951
 Filed June 30, 1945

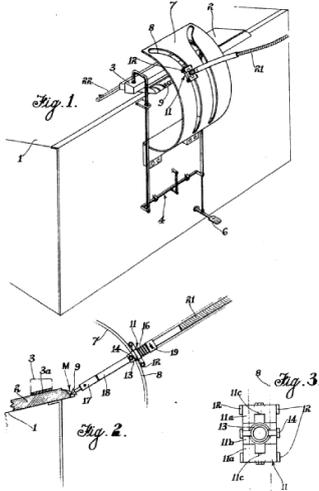
O. BACHMANN
 ENGRAVING MACHINE

2,561,436
 8 Sheets-Sheet 1



Inventor
Oscar Bachmann
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US2561436



GB679787

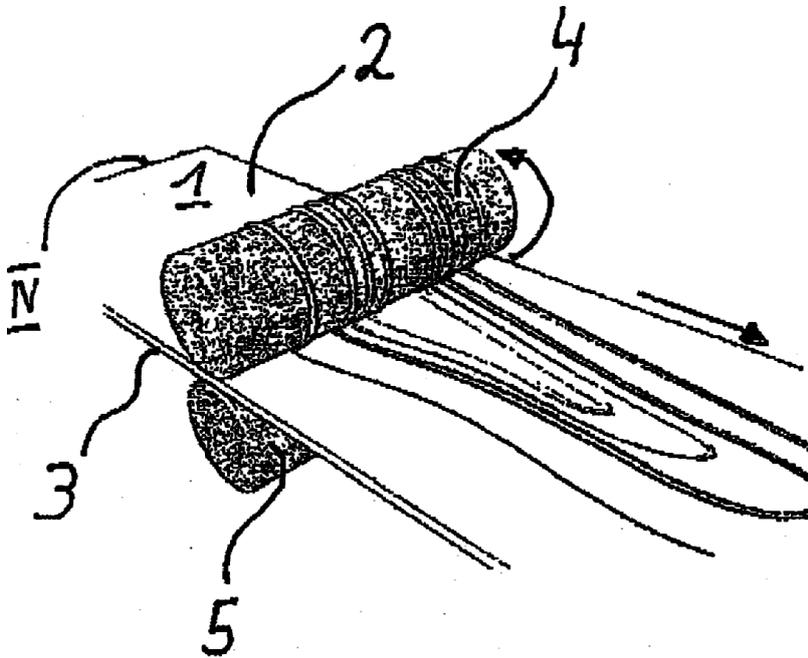
B44B 5/00

Machines or apparatus for embossing decorations or marks, e.g. embossing coins (corrugating sheet metal or metal tubes, embossing combined with sheet-metal working operations [B21D](#); embossing plastics or substances in a plastic state, in general [B29C 59/00](#); embossing of paper or cardboard in general [B31F 1/07](#); forme embossing [B41C 1/08](#); embossing combined with application of ink, type marking presses, selective embossing mechanisms [B41F](#), [B41J](#), [B41K](#), [B41M](#); embossing leather [C14B](#))

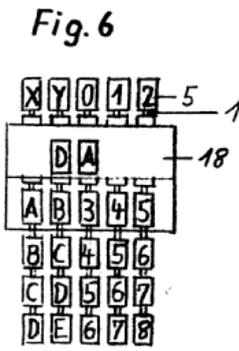
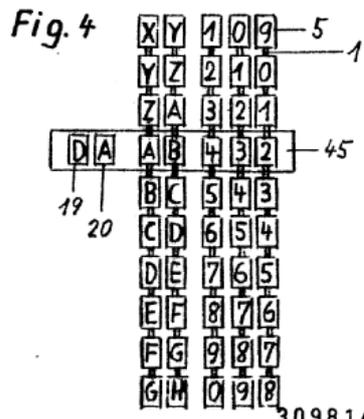
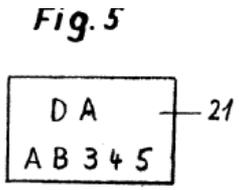
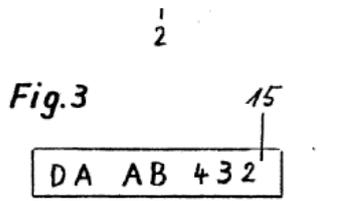
Definition statement

This place covers:

Machines or apparatus for embossing decorations or marks, e.g. embossing coins, embossing dies and accessories for holding work or loading and discharging arrangements



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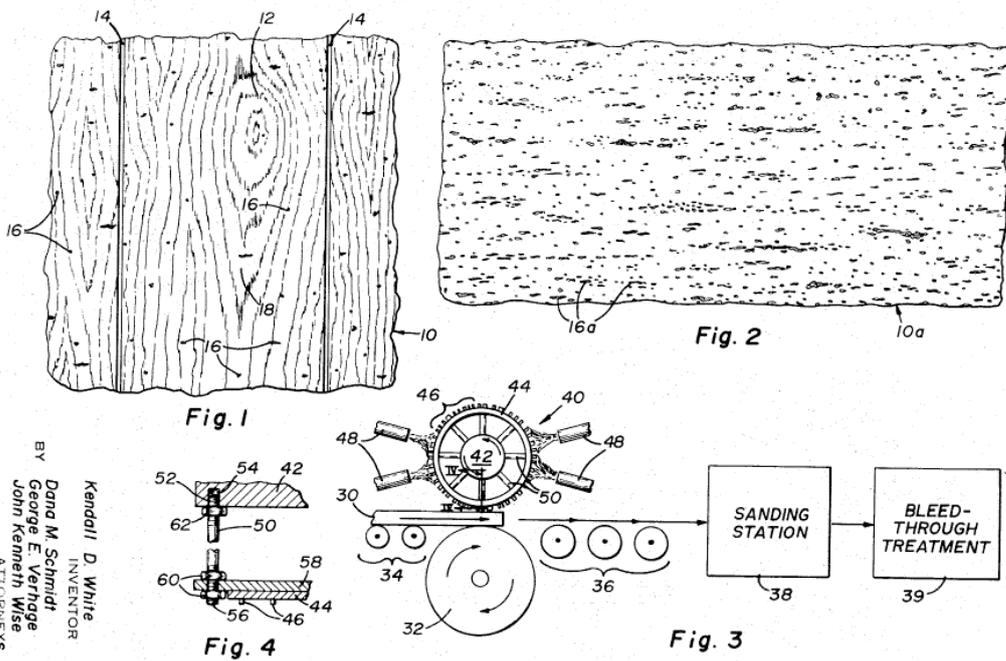
B44B 7/00

Machines, apparatus or hand tools for branding, {e.g. using radiant energy such as laser beams} (burning or charring wood stock [B27M 1/06](#))

Definition statement

This place covers:

Machines, apparatus or hand tools for branding essentially by using heat to create a desing on the surface of a workpiece, e.g. by partially burning the surface layer



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ATTORNEYS

PATENT NO. 151033

SHEET 1 OF 2

3.732.908

US3732908

B44B 9/00

Machines or apparatus for inlaying with ornamental structures, e.g. tarsia or mosaic work (uniting ornamental elements, on a support [B44C 1/28](#), to structures [B44C 3/12](#); imitation of mosaic or tarsia work patterns [B44F 11/04](#))

References

Limiting references

This place does not cover:

Uniting ornamental elements on a support	B44C 1/28
Uniting ornaments elements to structures	B44C 3/12
Imitation of mosaic or tarsia work patterns	B44F 11/04

B44B 11/00

Artists' hand tools for sculpturing, kneading, carving, engraving, guilloching or embossing; Accessories therefor

Definition statement

This place covers:

Artist's hand tools for sculpturing, kneading, carving, engraving, guilloching or embossing essentially creating a surface relief onto a workpiece

