

**CLASS D18, PRINTING AND OFFICE MACHINERY****SECTION I - CLASS DEFINITION**

This class provides for design patents claiming ornamental designs for:

1. Typewriter or Calculator
2. Copy Reproducing Equipment
3. Document Handler
4. Printing Equipment
5. Type or Type Face
6. Book Binding Machines, Printers, Stapling Machines and Equipment
7. Pneumatic Dispatch Tube or System
8. Miscellaneous

- (1) Note. Design patents in this class are classified by what is claimed and shown in full lines only. Broken, hatched, or stippled lines, which may be included in design patent drawings, are considered as environment only.
- (2) Note. To be considered a word processor classified in this subclass, article must include provision for hard copy output. If the article lacks same, it is considered a computer and classified elsewhere in the Design schedule.
- (3) Note. Includes casing or frame, per se.

**SECTION II - REFERENCES TO OTHER CLASSES****SEE OR SEARCH CLASS:**

- D10, Measuring, Testing, or Signalling Instruments, subclass 97 for generic type counter.
- D14, Recording, Communication, or Information Retrieval Equipment, subclasses 300 through 461 for computers and data processing equipment; subclasses 485-495 for computer generated image; subclasses 489-495 for icon; subclasses 472 and 473 for teletype equipment.

- D16, Photography and Optical Equipment, subclass 135 for magnifying or reducing glass; subclass 246 for photo processing or printing machine.
- D19, Office Supplies; Artists' and Teachers' Materials, subclass 1 for carbon paper.
- D21, Games, Toys, and Sports Goods, subclass 512 for toy cash register or calculator; subclass 518 for toy typewriter, printer or printing press.
- D99, Miscellaneous, subclasses 34 through 43 for coin tray or holder.

**SUBCLASSES****1 TYPEWRITER OR CALCULATOR:**

This subclass is indented under the class definition. Design for producing characters similar to print by pressing keys or machine to perform mathematical calculations.

**SEE OR SEARCH CLASS:**

- D14, Recording, Communication, or Information Retrieval Equipment, subclasses 300 through 461 for computer and data processing equipment.
- D21, Games, Toys, and Sports Goods, subclass 512 for toy calculator; subclass 518 for toy typewriter.
- D99, Miscellaneous, subclasses 34 through 43 for coin tray or holder.

**2 Combined:**

This subclass is indented under subclass 1. Design that includes the disclosure of another article that, if disclosed separately, would be proper subject matter for a subsequent subclass or design patent class.

- (1) Note. Includes typewriter or calculator combined with case.

**SEE OR SEARCH CLASS:**

- D3, Travel Goods and Personal Belongings, subclasses 273 through 302 for enclosed storage case.

**3.1 Cash handling machine:**

This subclass is indented under subclass 1. Design for mechanical device for sorting, counting, or dispensing tokens, coins, or currency.

## SEE OR SEARCH CLASS:

- D10, Measuring, Testing, or Signalling Instruments, subclass 97 for document and generic type counter.
- D20, Sales and Advertising Equipment, subclasses 1 through 7 for vending machine; subclass 9 for coin control mechanism for vending machine.
- D99, Miscellaneous, subclasses 34 through 43 for coin bank or holder.

**3.2 Farebox:**

This subclass is indented under subclass 3.1. Design for box or machine for collecting tokens or money.

- (1) Note. Includes toll machine and face card reader that provides for the collection of money.

## SEE OR SEARCH CLASS:

- D10, Measuring, Testing, or Signalling Instruments, subclass 97 for generic counter.
- D14, Recording, Communication, or Information Retrieval Equipment, subclasses 385 through 387 for fare card reader.

**3.3 Currency type:**

This subclass is indented under subclass 3.1. Design for mechanical device for validating, sorting, or counting paper money or banknote.

- (1) Note. Includes bill changer.

SEE OR SEARCH THIS CLASS, SUBCLASS:

- 5, for checkwriter.

## SEE OR SEARCH CLASS:

- D10, Measuring, Testing, or Signalling Instruments, subclass 97 for generic document counter.

**4.1 Cash register:**

This subclass is indented under subclass 1. Design for machine for the tabulating sales transaction and includes a drawer for holding coins and currency.

- (1) Note. Designs in this subclass must have a visible cash drawer. Similar designs

without a cash drawer are considered "point of sale" terminals. See search note below.

- (2) Note. Includes casing.

SEE OR SEARCH THIS CLASS, SUBCLASS:

- 4.4, for point-of-sale terminal.

**4.2 Mechanical action key:**

This subclass is indented under subclass 4.1. Design that includes slide or lever type transaction buttons.

**4.3 And adjustable screen or display:**

This subclass is indented under subclass 4.1. Design that includes a transaction display with the provision for position adjustment.

**4.4 Point-of-sale type terminal:**

This subclass is indented under subclass 1. Design for tabulating electronic sales transaction machine that does not include a cash drawer.

- (1) Note. Includes electronic credit or debit card type equipment.

- (2) Note. If machine includes a cash drawer, it is considered a cash register.

SEE OR SEARCH THIS CLASS, SUBCLASS:

- 4.1 through 4.3, for cash register.

## SEE OR SEARCH CLASS:

- D14, Recording, Communication, or Information Retrieval Equipment, subclasses 300 through 431 for computer terminal equipment; subclasses 385-387 for card reader.

**4.5 And adjustable screen or display:**

This subclass is indented under subclass 4.4. Design that includes a transaction display with the provision for position adjustment.

SEE OR SEARCH THIS CLASS, SUBCLASS:

- 4.3, for cash register with adjustable screen or display.

- 4.6 Provision for credit or debit card:**  
This subclass is indented under subclass 4.4. Design that includes a swipe slot for reading data strip in charge or flat authorization instrument.
- SEE OR SEARCH CLASS:  
D14, Recording, Communication, or Information Retrieval Equipment, subclasses 385 through 387 for card reader.
- 5 Checkwriter:**  
This subclass is indented under subclass 1. Design for machine specific to the printing or writing of checks.
- (1) Note. Includes element.
- SEE OR SEARCH CLASS:  
D14, Recording, Communication, or Information Retrieval Equipment, for checkreader.
- 6 Calculator:**  
This subclass is indented under subclass 1. Design for machine for performing mechanical calculations only.
- (1) Note. Includes abacus.
- (2) Note. Includes voting machine.
- SEE OR SEARCH CLASS:  
D10, Measuring, Testing, or Signalling Instruments, subclass 97 for calorie counter device.  
D14, Recording, Communication, or Information Retrieval Equipment, subclasses 300 through 431 for computer terminal equipment.
- 7 With keyboard:**  
This subclass is indented under subclass 6. Design that includes a set of keys for entering data.
- 8 With carriage:**  
This subclass is indented under subclass 7. Design that includes a roller type support for paper document or roll.
- 9 Slide rule type:**  
This subclass is indented under subclass 6. Design for device consisting of two logarithmically scaled rules mounted to slide along each other so that multiplication, division, and other more complex computations are reduced to the mechanical equivalent of addition or subtraction.
- 10 Rotary:**  
This subclass is indented under subclass 9. Design for round type configuration of rules which revolve or turn around each other.
- 11 Housing or casing:**  
This subclass is indented under subclass 6. Design for exterior case for calculator or slide rule.
- (1) Note. Includes cover and holder.
- 12 Element or attachment:**  
This subclass is indented under subclass 1. Design for part or accessory for typewriter, cash handling machine, check writer, calculator, or the like.
- 12.1 Cash handling machine:**  
This subclass is indented under subclass 12. Design specific to coin or money counting device or register.
- SEE OR SEARCH CLASS:  
D10, Measuring, Testing, or Signalling Instruments, subclass 97 for generic type counter.  
D20, Sales and Advertising Equipment, subclass 9 for coin control mechanism for vending machine.
- 12.2 Keyboard:**  
This subclass is indented under subclass 12.1. Design for set of keys for entering data.
- SEE OR SEARCH CLASS:  
D14, Recording, Communication, or Information Retrieval Equipment, subclasses 391 through 401 for computer keyboard or keypad.

**12.3 Display or screen:**

This subclass is indented under subclass 12.1. Design for image device specific for viewing sales transactions.

## SEE OR SEARCH CLASS:

D14, Recording, Communication, or Information Retrieval Equipment, subclasses 371 through 382 for computer monitor.

**24 TYPE OR TYPE FACE:**

This subclass is indented under the class definition. Design for a letter, figure, or a set of printing types or characters to be used for imaging or printing documents.

A B C D E F G  
 H I J K L M N  
 O P Q R S T U  
 V W X Y Z  
 1 2 3 4 5 6 7  
 8 9 0  
 . : , ; < \* ! ? ' >

Example of a design for a type face.

## SEE OR SEARCH CLASS:

D14, Recording, Communication, or Information Retrieval Equipment, subclasses 485 through 495 for computer-generated image or icon.

**34.1 BOOKBINDING OR DOCUMENT CUTTING, TRIMMING, OR SHREDDING MACHINE:**

This subclass is indented under the class definition. Subject matter for a machine used to securely attach together a collection of documents or a machine used to cut, trim, or shred documents.

## SEE OR SEARCH THIS CLASS, SUBCLASS:

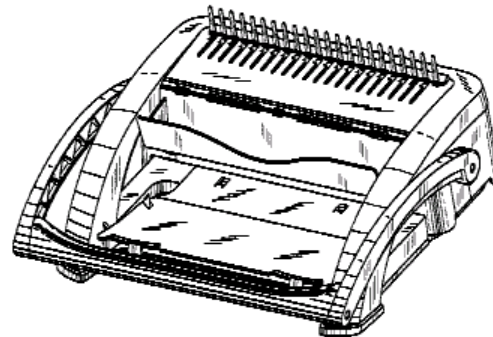
46, for document folding machine.  
 49, for document or paper feeder.

## SEE OR SEARCH CLASS:

D8, Tools and Hardware, subclasses 49 and 50 for stapler; subclass 57 for scissors; subclasses 72-74 for generic clamp or work holder; subclasses 98-104 for tool for cutting; subclass 102 for envelope opener.  
 D15, Machines Not Elsewhere Specified, subclasses 145 and 146 for packaging or wrapping or laminating machine.  
 D19, Office Supplies; Artists' and Teachers' Materials, subclasses 66 through 69 for gluing or sealing device; subclass 70 for moistener; subclass 72 for hole punch; subclasses 86-91 for paper clip.

**34.2 Spiral binding apparatus:**

This subclass is indented under subclass 34.1. Design for machine intended to secure document pages or sheets together with a helical-type spine member.



Example of a design for a spiral binding-type bookbinding apparatus.

## SEE OR SEARCH CLASS:

D8, Tools and Hardware, subclasses 49 and 50 for stapler; subclasses 72-74 for generic clamp or work holder.

**34.3 Cutter, trimmer, or shredder:**

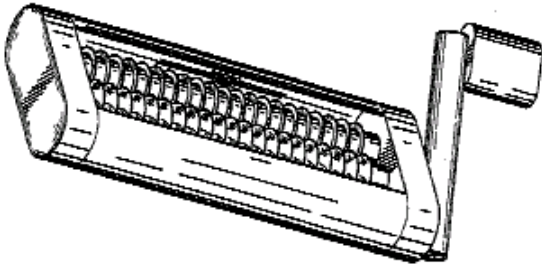
This subclass is indented under subclass 34.1. Design for a machine that slices or cuts a document down to a particular size or into pieces.

**SEE OR SEARCH CLASS:**

- D8, Tools and Hardware, subclass 57 for scissors; subclasses 72-74 for generic clamp or work holder; subclasses 98-104 for tool for cutting.
- D15, Machines Not Elsewhere Specified, subclasses 127 and 129 for industrial-type cutting or trimming machine.

**34.4 Shredder:**

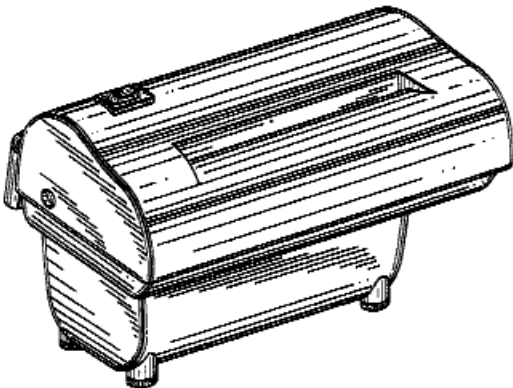
This subclass is indented under subclass 34.3. Design for cutting or slicing a document into long narrow strips or small particles.



Example of a design for a document shredder.

**34.5 Includes collection container:**

This subclass is indented under subclass 34.4. Design that includes an integral waste bin.



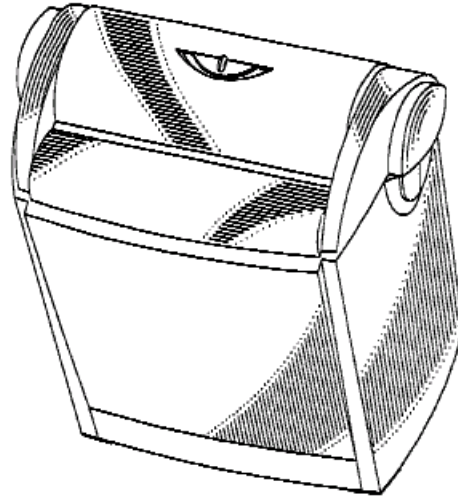
Example of a design for a document shredder that includes a waste collection container.

**SEE OR SEARCH CLASS:**

- D34, Material or Article Handling Equipment, subclasses 1 through 11 for refuse or waste container.

**34.6 Console type:**

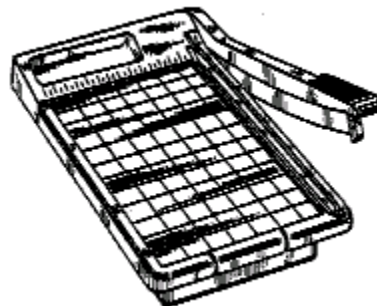
This subclass is indented under subclass 34.5. Design integral with a cabinet or large enclosure that usually stands on the floor.



Example of a design for a console-type document shredder.

**34.7 Guillotine type:**

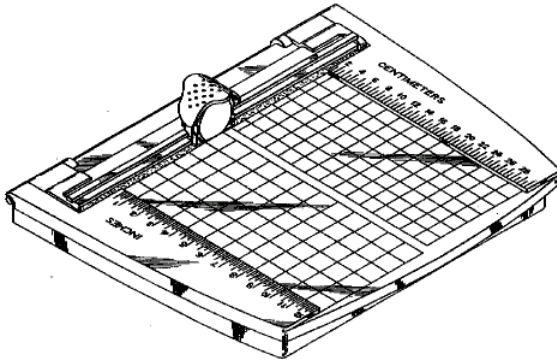
This subclass is indented under subclass 34.3. Design that cuts or trims a document by means of a heavy blade that extends aloft and moves in a downward motion or includes a blade that rotates or slides.



Example of a design for a guillotine-type document cutter.

**34.8 Rotary or sliding blade:**

This subclass is indented under subclass 34.3. Design that cuts or trims a document by means of a round blade or a blade that is moved across a document.



Example of a design for a guillotine-type document cutter that includes a rotary or sliding blade.

**34.9 Element or attachment:**

This subclass is indented under subclass 34.1. Design for an accessory or part of a design for a bookbinding and document cutting, trimming, and shredding machine.

SEE OR SEARCH CLASS:

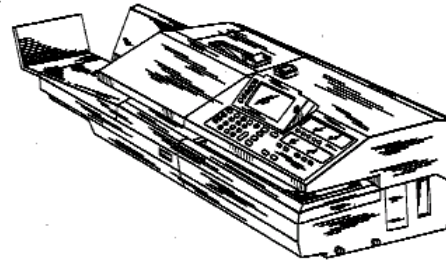
D15, Machines Not Elsewhere Specified, subclass 139 for cutting element or attachment for industrial-type machine.

**35 PNEUMATIC DISPATCH TUBE OR SYSTEM:**

This subclass is indented under the class definition. Design that transports tubular containers holding documents or small articles using compressed air.

**35.1 MAIL HANDLING MACHINE:**

This subclass is indented under the class definition. Design for mechanically sorting or processing bulk mail.



Example of a design for a mail handling machine.

SEE OR SEARCH THIS CLASS, SUBCLASS:

14 through 18, for hand stamp and element or attachment therefore.  
51, for postal-type mechanical postage printer including franking machine.

SEE OR SEARCH CLASS:

D19, Office Supplies; Artists' and Teachers' Materials, subclasses 65 through 98 for generic office supplies.

**36 COPY REPRODUCING EQUIPMENT:**

This subclass is indented under the class definition. Design for duplicating paper copy.

SEE OR SEARCH CLASS:

D14, Recording, Communication, or Information Retrieval Equipment, subclasses 300 through 461 for computer and data processing equipment.  
D16, Photography and Optical Equipment, subclass 135 for magnifying or reducing glass; subclass 246 for photo processing or printing machine.  
D19, Office Supplies; Artists' and Teachers' Materials, subclass 1 for carbon paper.  
D21, Games, Toys, and Sports Goods, subclass 518 for printer or printing press.

**46 DOCUMENT HANDLER:**

This subclass is indented under the class definition. Design for machine to mechanically process paper or information in print form.

- (1) Note. Includes paper folding machine.
- (2) Note. Includes mechanical envelope opening machine.

SEE OR SEARCH CLASS: END

- D8, Tools and Hardware, subclass 61 for handheld envelope or letter opener.
- D14, Recording, Communication, or Information Retrieval Equipment, subclasses 300 through 461 for computer and data processing equipment.
- D15, Machines Not Elsewhere Specified, subclass 145 for envelope inserter.
- D16, Photography and Optical Equipment, subclass 246 for photo processing or printing machine.
- D19, Office Supplies; Artists' and Teachers' Materials, subclass 1 for carbon paper; subclass 70 for moistener.

**50 PRINTING EQUIPMENT:**

This subclass is indented under the class definition. Design for the duplication of documents by print-type process.

SEE OR SEARCH CLASS:

- D14, Recording, Communication, or Information Retrieval Equipment, subclasses 300 through 461 for computer and data processing equipment; subclasses 472 and 473 for teletype equipment.
- D16, Photography and Optical Equipment, subclass 246 for photo processing or printing machine.
- D21, Games, Toys, and Sports Goods, subclass 518 for toy typewriter, printer, or printing press.

**54 Text or data printer:**

This subclass is indented under subclass 50. Design for printing mechanism for use with computer generated documents.

**54.1 Cash register type:**

This subclass is indented under subclass 54. Design for printing mechanism specific to a cash-handling machine.

**99 MISCELLANEOUS:**

This subclass is indented under the class definition. Design for subject matter for this class not specifically provided for.

SEE OR SEARCH THIS CLASS, SUBCLASS:

- 35.1, for mail handling machine.