

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

CLASSIFICATION ORDER 1840

FEBRUARY 1, 2005

Project No. D-6814

**The following classification changes will be effected by this order:**

	<u>Class</u>	<u>Subclass</u>	<u>Art Unit</u>	<u>Ex'r Search Room No.</u>
<b>Abolished:</b>	D18	34	2901	Not Applicable (N/Ap)
<b>Established:</b>	D18	34.1-34.9, 35.1	2901	N/Ap
<b>Title Changes:</b>	D18	1, 2, 5, 6, 24, 26, 27, 29, 31, 32, 46, 50, 54-57, 99	2901	N/Ap

**The following classes were impacted by this order:**

**Classes:** D8, D15

**This order includes the following:**

- A. CLASSIFICATION MANUAL CHANGES,
- B. LISTING OF PRINCIPAL SOURCE OF ESTABLISHED  
AND DISPOSITION OF ABOLISHED SUBCLASSES,
- C. CHANGES TO THE USPC-LOCARNO CONCORDANCE,
- D. DEFINITION CHANGES.

CLASSIFICATION ORDER 1840

FEBRUARY 1, 2005

Project Leader: Charles Rademaker

Project Classifier: Charles Rademaker

Editor: Almeta Quinn

Editorial Assistant: Patty Randolph

A. DESIGN CLASS MODIFICATIONS (Project No. D-6814)

CLASS D18 – PRINTING AND OFFICE MACHINERY

Additions and Modifications to the Class Schedule

Exclusion Notes:

Delete:

All the Exclusion Notes including the heading.

Subclass 1:

Delete:

(1)

Subclass 2:

Delete:

(2)

Insert:

(1)

Subclass 5:

Delete:

(3)

Insert:

(2)

Subclass 6:

Delete:

(12)

Insert:

(3)

Subclass 24:

Delete:

(20)

Subclass 26:

Delete:

(7)

Insert:  
(11)

Subclass 27:

Delete:  
(8)

Insert:  
(12)

Subclass 29:

Delete:  
(9)

Insert:  
(13)

Subclass 31:

Delete:  
(10)

Insert:  
(14)

Subclass 32:

Delete:  
(20)

Insert:  
(15)

Subclass 46:

Delete:  
(13)

Subclass 50:

Delete:  
(14)

Subclass 54:

Delete:  
(e.g., computer peripheral printer, etc.) (15)

Insert:  
(7)

Subclass 55:

Delete:

(16)

Insert:

(8)

Subclass 56:

Delete:

(17)

Insert:

(9)

Subclass 57:

Delete:

(18)

Insert:

(10)

Subclass 99:

Delete:

(19)

Under the Search Notes

Delete: The search notes numbered as follows:

(1), (11), (13), (14), (19)

Renumber: The remaining search notes as follows:

(2) renumber as (1)

(3) renumber as (2)

(7) renumber as (11)

(8) renumber as (12)

(9) renumber as (13)

(10) renumber as (14)

(12) renumber as (3)

(15) renumber as (7)

- (16) renumber as (8)
- (17) renumber as (9)
- (18) renumber as (10)
- (20) renumber as (15)

List: The search notes sequentially from (1) through (15).

FEBRUARY 2005

# 1	TYPEWRITER OR CALCULATOR	# 27	.Simulative (12)
# 2	.Combined (1)	28	.Script type
3.1	.Cash handling machine	# 29	.Individual panel mount type (13)
3.2	..Farebox	30	.Outlined or with shadow
3.3	..Currency type	# 31	.With detached interior embellishment (14)
4.1	.Cash register	# 32	.Border or ornament design (15)
4.2	..Mechanical action key	33	..Animate figure representation
4.3	..And adjustable screen or display	* 34.1	BOOKBINDING OR DOCUMENT CUTTING, TRIMMING, OR SHREDDING MACHINE
4.4	.Point-of-sale type terminal	* 34.2	.Spiral binding apparatus
4.5	..And adjustable screen or display	* 34.3	.Cutter, trimmer, or shredder
4.6	..Provision for credit or debit card	* 34.4	..Shredder
# 5	.Checkwriter (2)	* 34.5	...Includes collection container
# 6	.Calculator (3)	* 34.6	...Console type
7	..With keyboard	* 34.7	..Guillotine type
8	...With carriage	* 34.8	..Rotary or sliding blade
9	..Slide rule type	* 34.9	.Element or attachment
10	...Rotary	35	PNEUMATIC DISPATCH TUBE OR SYSTEM
11	..Housing or casing	* 35.1	MAIL HANDLING MACHINE
12	.Element or attachment	# 99	MISCELLANEOUS
12.1	..Cash handling machine		
12.2	...Keyboard		
12.3	...Display or screen		
36	COPY REPRODUCING EQUIPMENT		SEARCH NOTES FOR CLASS D18
37	.Electrostatic type (i.e., specified as such)		(1) Includes combination with case.
38	..Console or floor type		(2) Includes element.
39	.Console or floor type		(3) Includes voting machine.
40	.Element or attachment (4)		(4) For document handler such as sorter, collator, receiver or feeder, see subclasses 46+.
41	..Control or panel		(5) Excludes crank operated floor or console type; see subclass 53.
43	..Toner or developer container, cassette, etc.		(6) Includes body, per se.
44	..Paper or film container, cassette, etc.		(7) For duplicating machine, printing press or manually operated printer, see subclasses 50, 53 or 14+.
45	..Copy stand		(8) The term "side" includes front or rear surface.
# 46	DOCUMENT HANDLER		(9) Includes ink jet unit. For ribbon or ribbon cartridge, see subclass 12 and D14-474+. For sheet handler, per se, see subclasses 46+. For typing hammer or daisy wheel type imprinter, see subclass 12.
47	.Sorter, collator or stacker		(10) Includes engraving machine, per se. For embossing machine, see subclasses 50+.
48	..Three or more identical receivers or feeders		(11) Electroluminescent, etc.
49	.Receiver or feeder		(12) Excludes border design; see subclass 32.
# 50	PRINTING EQUIPMENT		(13) Example, disclosed on oval, rectangular background, etc.
14	.Hand held or manipulated (5)		(14) Example, a dot in the middle of the letter "O".
15	..Stamp, seal imprinter, or stamp pad		(15) For computer generated image or icon; see D14-485+.
16	...Simulative (6)		
17	...Stamp pad		
18	...Element or attachment		
19	..Label or tape embossing tool		
20	..Stenograph		
21	..Autographic register		
51	.Postal		
52	.With typewriter type keyboard		
53	.Console or floor type		
# 54	.Text or data printer (7)		
54.1	..Cash register type		
# 55	..With slot, tray or channel for side feed or discharge (8)		
# 56	.Element or attachment (9)		
# 57	..Engraving or plate preparation unit (10)		
58	..Inking roller		
59	..Stand or frame		
# 24	TYPE OR TYPE FACE		
25	.Foreign alphabet		
# 26	.Segmented display type (11)		

# Title Change  
\* Newly Established Subclass

@ Indent Change  
& Position Change

SOURCE CLASSIFICATION(S) OF PATENTS  
 IN NEWLY ESTABLISHED SUBCLASSES REPORT  
 PROJECT: D6814

Page: 1

Generated by: Data Control Division

New Classification	Number Of ORs	Source Classification	Number Of ORs
-----	-----	-----	-----
D10/41	1	D18/34	145
D15/145	1	D18/34	145
D15/146	2	D18/34	145
D15/199	1	D18/34	145
D18/3.3	1	D18/34	145
D18/34.1	21	D18/34	145
D18/34.2	20	D18/34	145
D18/34.3	2	D18/34	145
	3	D15/129	3
D18/34.4	12	D18/34	145
D18/34.5	18	D18/34	145
D18/34.6	19	D18/34	145
D18/34.7	1	D15/127	8
	10	D18/34	145
D18/34.8	4	D15/127	8
	16	D18/34	145

SOURCE CLASSIFICATION(S) OF PATENTS  
 IN NEWLY ESTABLISHED SUBCLASSES REPORT  
 PROJECT: D6814

Page: 2

Generated by: Data Control Division

New Classification -----	Number Of ORs -----	Source Classification -----	Number Of ORs -----
D18/34.9	3	D15/127	8
	14	D18/34	145
D18/35.1	1	D14/359	1
	1	D6/422	1
	2	D15/199	2
D18/46	1	D18/99	1
	1	D8/102	1
	4	D18/34	145
D18/47	1	D18/34	145
D8/50	2	D18/34	145

DISPOSITION CLASSIFICATION(S) OF PATENTS  
FROM ABOLISHED SUBCLASSES REPORT

PROJECT: D6814

Page: 1

Generated by: Data Control Division

Source Classification	Number Of ORs	New Classification	Number Of ORs
-----	-----	-----	-----
D14/359	1	D18/35.1	1
D15/127	8	D18/34.7	1
		D18/34.8	4
		D18/34.9	3
D15/129	3	D18/34.3	3
D15/199	2	D18/35.1	2
D18/34	145	D8/50	2
		D18/46	4
		D18/3.3	1
		D18/34.9	14
		D18/34.8	16
		D18/34.7	10
		D18/34.6	19
		D18/34.5	18
		D18/34.4	12
		D18/34.3	2
		D18/34.2	20

DISPOSITION CLASSIFICATION(S) OF PATENTS  
FROM ABOLISHED SUBCLASSES REPORT

PROJECT: D6814

Page: 2

Generated by: Data Control Division

Source Classification	Number Of ORs	New Classification	Number Of ORs
-----	-----	-----	-----
		D18/34.1	21
		D18/47	1
		D15/199	1
		D10/41	1
		D15/145	1
		D15/146	2
D18/99	1	D18/46	1
D6/422	1	D18/35.1	1
D8/102	1	D18/46	1

CLASSIFICATION ORDER 1840

FEBRUARY 1, 2005

C. CHANGES TO THE USPC-LOCARNO CONCORDANCE

There are no changes to the USPC-LOCARNO Concordance resulting from this project.

D. CHANGES TO THE DEFINITIONS (Project No. D-6814)

CLASS D8 – TOOLS AND HARDWARE

Definitions Modified

Class Definition: Under SECTION II - REFERENCES TO OTHER CLASSES, SEE OR SEARCH CLASS

Delete:

The reference to Class D18.

Insert:

D18, Printing and Office Machinery, subclasses 34.4-34.6 for paper shredder.

## D. CHANGES TO THE DEFINITIONS (Project No. D-6814)

## CLASS D15 – MACHINES NOT ELSEWHERE SPECIFIED

Definitions Modified

Class Definition: Under SECTION II - REFERENCES TO OTHER CLASSES, SEE OR SEARCH CLASS

Delete:

The reference to Class D18.

Insert:

D18, Printing and Office Machinery, subclasses 34.4-34.6 for paper shredder.

Subclass 122: Under SEE OR SEARCH CLASS

Delete:

The reference to Class D18.

Insert:

D18, Printing and Office Machinery, subclasses 34.4-34.6 for paper shredder.

Subclass 145: Under SEE OR SEARCH CLASS

Delete:

The reference to Class D18.

Insert:

D18, Printing and Office Machinery, subclasses 34.4-34.6 for paper shredder.

## D. CHANGES TO THE DEFINITIONS (Project No. D-6814)

## CLASS D18 – PRINTING AND OFFICE MACHINERY

Definitions Modified

Insert the following subclass definitions in numerical sequence:

- 24 TYPE OR TYPE FACE:**  
Design under the class definition 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 485-495 for computer-generated image or icon.

- 35 PNEUMATIC DISPATCH TUBE OR SYSTEM:**  
Design under the class definition that transports tubular containers holding documents or small articles using compressed air.
- 99 MISCELLANEOUS:**  
Design under the class definition for subject matter for this class not specifically provided for.

## SEE OR SEARCH THIS CLASS, SUBCLASS:

35.1, for mail handling machine.

## D. CHANGES TO THE DEFINITIONS (Project No. D-6814)

Subclass 4.4: Under SEE OR SEARCH CLASS

Delete:

The reference to Class D14.

Insert:

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

Subclass 6: Under SEE OR SEARCH CLASS

Delete:

The reference to Class D14.

Insert:

D14, Recording, Communication, or Information Retrieval Equipment, subclasses 300-431 for computer terminal equipment.

Subclass 11: After the subclass title

Delete:

The subclass definition.

Insert:

Design under subclass 6 for exterior case for calculator or slide rule.

Subclass 12: After the subclass title

Delete:

The subclass definition.

Insert:

Design under subclass 1 for part or accessory for typewriter, cash handling machine, check writer, calculator, or the like.

## D. CHANGES TO THE DEFINITIONS (Project No. D-6814)

Subclass 46: After the subclass definition

Insert:

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

Under SEE OR SEARCH CLASS

Delete:

The reference to Class D19.

Insert:

- D8, Tools and Hardware, subclass 61 for handheld envelope or letter opener.
- D15, Machines Not Elsewhere Specified, subclass 145 for envelope inserter.
- D16, Photography and Optical Equipment, subclass 246 for photo processing or photo printing machine.
- D19, Office Supplies; Artists' and Teachers' Materials, subclass 1 for carbon paper; subclass 70 for moistener.

Subclass 54: Above the subclass definition

Delete:

The subclass title.

Insert:

**Text or data printer:**

Definitions Established:

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

Subject matter under the class definition 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.

## D. CHANGES TO THE DEFINITIONS (Project No. D-6814)

49, for document or paper feeder.

## SEE OR SEARCH CLASS:

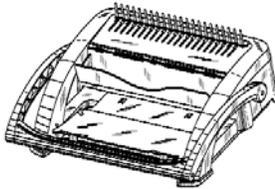
D8, Tools and Hardware, subclasses 49 and 50 for stapler; subclass 57 for scissors; subclasses 72-74 for generic clamp or work holder; subclasses 98-104 for tool for cutting; subclass 102 for envelope opener.

D15, Machines Not Elsewhere Specified, subclasses 145 and 146 for packaging or wrapping or laminating machine.

D19, Office Supplies; Artists' and Teachers' Materials, subclasses 66-69 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:**

Design under subclass 34.1 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:**

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

## SEE OR SEARCH CLASS:

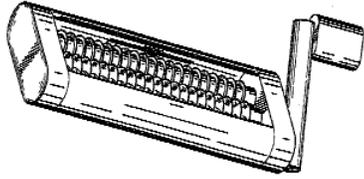
D8, Tools and Hardware, subclass 57 for scissors; subclasses 72-74 for generic clamp or work holder; subclasses 98-104 for tool for cutting.

D15, Machines Not Elsewhere Specified, subclasses 127 and 129 for industrial-type cutting or trimming machine.

**34.4 Shredder:**

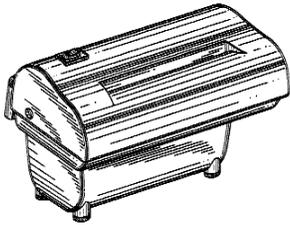
Design under subclass 34.3 for cutting or slicing a document into long narrow strips or small particles.

## D. CHANGES TO THE DEFINITIONS (Project No. D-6814)



Example of a design for a document shredder.

- 34.5 Includes collection container:**  
Design under subclass 34.4 that includes an integral waste bin.

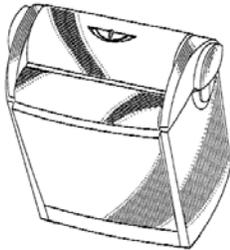


Example of a design for a document shredder that includes a waste collection container.

SEE OR SEARCH CLASS:

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

- 34.6 Console type:**  
Design under subclass 34.5 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:**  
Design under subclass 34.3 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.

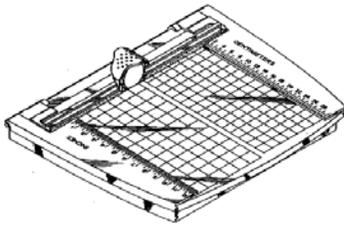
## D. CHANGES TO THE DEFINITIONS (Project No. D-6814)



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

**34.8 Rotary or sliding blade:**

Design under subclass 34.3 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:**

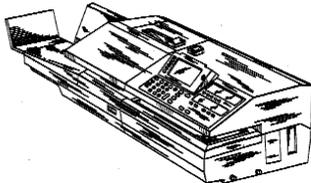
Design under subclass 34.1 for an accessory or part of a design for a bookbinding and document cutting, trimming, and shredding machine.

SEE OR SEARCH CLASS:

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

**35.1 MAIL HANDLING MACHINE:**

Design under the class definition for mechanically sorting or processing bulk mail.



Example of a design for a mail handling machine.

D. CHANGES TO THE DEFINITIONS (Project No. D-6814)

SEE OR SEARCH THIS CLASS, SUBCLASS:

14-18, 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 65-98 for generic office supplies.