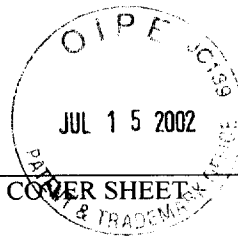


07-19-2002



102160945

FORM PTO-1596
1-31-92

FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Docket No.: 61926-010

PATENTS ONLY

To the Honorable Commissioner for Patents and Trademarks: Please record the attached original documents or copy thereto:

1. Name of Conveying Party(ies):

Bankers Trust Company

07/15/02

Additional name(s) of conveying party(ies) attached? ☐ Yes

3. Nature of Conveyance:

- ☐ Assignment
 ☐ Merger
☒ Security Agreement
 ☐ Change of Name
☐ Other

Execution Date: September 22, 1997

2. Name and address of receiving party(ies):

Name: Bell & Howell Operating Company

Address: 3450 W. Pratt Avenue
Lincolnwood, IL 60712Additional name(s) & address(es) attached? ☐ Yes

4. Application number(s) or patent number(s):

If the document is being filed together with a new application, the execution date of the application is:

A. Patent Application No(s).

B. Patent No(s).

See Attached - Schedule G2

Additional numbers attached? ☒ Yes

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Willem Gadiano

Internal Address: MCDERMOTT, WILL & EMERY

Street Address: 600 13th Street, N.W.

City: Washington State: DC Zip: 20005

6. Total number of applications and patents involved: 5

7. Total fee (37 CFR 3.41)

\$ 200.00

- ☐ Enclosed
☒ Authorized to be charged to deposit account

8. Deposit account number:

500417

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

David M. Tennant, Reg. No. 48,362

July 15, 2002

Name and Registration No. of Person Signing

Signature

Date

Total number of pages comprising cover sheet:

CMB No. 0851-0011 (exp. 4/94)

07/18/2002 6TOM11 00000000 500417 5503702

01 FC:581

200.00 CH

PATENT
REEL: 013089 FRAME: 0195

SCHEDULE G2

Release of Security Interest

Bankers Trust Company → Bell & Howell Operating Company

	Patent No.
1)	5503702
2)	5503388
3)	5494276
4)	5456457
5)	5190282

Release of Patent Collateral
Assignment and Security Agreement

This Release of Patent Collateral Assignment and Security Agreement ("Release") is entered into as of September 22, 1997 by Bell & Howell Operating Company ("Grantor") and Bankers Trust Company ("Secured Party").

WHEREAS, pursuant to that certain Patent Collateral Assignment and Security Agreement dated as of August 17, 1993 made by Grantor in favor of Secured Party, Grantor assigned and mortgaged to Secured Party a security interest in all of Secured Party's patents as collateral security for certain credit extended by Secured Party to Grantor;

WHEREAS, Grantor and Secured Party wish to release and terminate such security interest;

NOW THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, the parties hereto agree as follows:

1. Secured Party hereby releases and terminates its security interest, lien, assignment and all other encumbrances upon Grantor's right, title and interest in and to those patents and the registrations and applications to register (collectively, the "Patents") more particularly described in Schedule A attached hereto and incorporated hereby by reference.

2. Secured Party further releases its security interest, lien, assignment and all other encumbrances of

FILE-758994.V1

09/26/97

PATENT
REEL: 8783 FRAME: 0372

PATENT
REEL: 8783 FRAME: 0373


PATENT
REEL: 013089 FRAME: 0197

Grantor's right, title and interest in and to all renewals and extensions of the Patents and all proceeds thereof.

3. This Release may be executed in one or more counterparts and by different parties hereto in separate counterparts, each of which when so executed and delivered shall be deemed an original, but all such counterparts together shall constitute but one and the same instrument; signature pages may be detached from multiple separate counterparts and attached to a single counterpart so that all signature pages are physically attached to the same document.

IN WITNESS WHEREOF, the parties hereto have caused this Release of Patent Collateral Assignment and Security Agreement to be executed by their duly authorized officers as of the date first above written.

BELL & HOWELL OPERATING COMPANY

By: 
Its: TREASURER

BANKERS TRUST COMPANY

By: _____
Its: _____

Grantor's right, title and interest in and to all renewals and extensions of the Patents and all proceeds thereof.

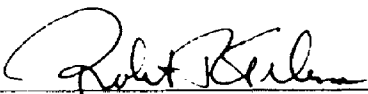
3. This Release may be executed in one or more counterparts and by different parties hereto in separate counterparts, each of which when so executed and delivered shall be deemed an original, but all such counterparts together shall constitute but one and the same instrument; signature pages may be detached from multiple separate counterparts and attached to a single counterpart so that all signature pages are physically attached to the same document.

IN WITNESS WHEREOF, the parties hereto have caused this Release of Patent Collateral Assignment and Security Agreement to be executed by their duly authorized officers as of the date first above written.

BELL & HOWELL OPERATING COMPANY

By: _____
Its: _____

BANKERS TRUST COMPANY

By: 
Its: _____
ROBERT R. TELESKA
ASSISTANT VICE PRESIDENT



A Partnership Including
Professional Corporations
600 Thirteenth Street, N.W.
Washington, D.C. 20005-3096
202-756-8000
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24
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Miami
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New York
Orange County
Silicon Valley
Washington, D.C.

MCDERMOTT, WILL & EMERY

Assistant Commissioner for Patents
United States Patent And Trademark Office
ASSIGNMENT DIVISION (Office: A/OPR; Building: CG-4; Room: 03- 300)
1213 Jefferson Davis Highway, Suite 320
Washington D.C. 20231

**Re: Request for Update of Assignment Recordation:
U.S. Patent Nos. Listed in Schedule G2 (Enclosed)
Our Ref. No. 61926-010**

Dear Sir:

The undersigned attorney respectfully requests that the release of Bankers Trust Company security interest be recorded with respect to each U.S. Patent listed in Schedule G2 (**enclosed**) in order to indicate:

- (1) that Bankers Trust Company and Bell & Howell Operating Company executed a Release of patent Collateral Assignment and Security Agreement on September 22, 1997, ("the Agreement") for at least those patents listed in **Schedule G2**; and
- (2) that Bankers Trust Company "releases and terminates its security interest, lien, assignment, and all other encumbrances upon Grantor's right, title and interest in and to those patent and the registrations and applications to register ... described in Schedule A [attached to the release agreement]", (**See Paragraph 1 of the Agreement**); and
- (3) that Bankers Trust Company "releases its security interest...in and to all renewals and extensions of the Patents and all proceeds thereof", (**See Paragraph 2 of the Agreement**); and
- (4) that Bankers Trust Company releases the interest in the schedule G2 patents to Bell & Howell Operating Company.

The Patents listed by Schedule G2 are either listed in the Bankers Trust Company Release Agreement by patent number, serial number, or serial number of a respective divisional, continuation, etc. application, or are released by the general release clause of the Agreement.

McDERMOTT, WILL & EMERY

Page 2

The undersigned attorney encloses the following documents:

- (1) Recordation Form Cover Sheet (Form PTO-1596);
- (2) Schedule G2 (listing US Pat. Nos.); and
- (3) Bankers Trust Company Release of Patent Collateral Assignment and Security Agreement.

If appropriate, the undersigned attorney respectfully requests issuance of a Corrected Notice of Recordation.

Please charge any deficient fees or overpayment of fees to Deposit Account No. 50-0417. Any questions or comments may be directed to the undersigned at 202.756.6328.

Very truly yours,

McDERMOTT, WILL & EMERY



David M. Tennant

WFG:DT:vgp

Date: 7-3-02

RECC

10-23-1997

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

JUL 14 1997

PLACATING DIV.

Original document or copy thereof.

Tab settings 0 0 0 0

To the Honorable Commissioner of Patent

1. Name of conveying party(ies):

BANKERS TRUST COMPANY, a New York
banking corporationAdditional name(s) of conveying party(ies) attached? ☐ Yes ☐ No

3. Nature of conveyance:

☐ Assignment☐ Merger☐ Security Agreement☐ Change of Name☒ Other Release of Patent CollateralAssignment and Security Agreement
Execution Date: September 22, 1997

2. Name and address of receiving party(ies)

Name: BELL & HOWELL, OPERATING COMPANY

Internal Address: _____

Street Address: 5215 Old Orchard Road

City: Skokie State: IL ZIP: 60077-1076

Additional name(s) & address(es) attached? ☐ Yes ☐ No

4. Application number(s) or patent number(s):

3970002

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

See Schedule A attached

B. Patent No.(s)

See Schedule A attached

Additional numbers attached? ☐ Yes ☐ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Christine M. Olsen, Esq.

Internal Address: O'Melveny & Myers LLP

Street Address: 400 South Hope Street

City: Los Angeles State: CA ZIP: 90071

6. Total number of applications and patents involved:

268

7. Total fee (37 CFR 3.41).....\$ 10,720.00

☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit account number:

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

CHRISTOPHER JACK

Name of Person Signing

Signature

Total number of pages, including cover sheet, attachments, and document:

25

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box 400000

REEL: 8783 FRAME: 035

PATENT
REEL: 013089 FRAME: 0202

SCHEDULE A
TO PATENT COLLATERAL ASSIGNMENT
AND SECURITY AGREEMENT

PATENTS ISSUED

<u>Patent No.</u>	<u>Issue Date</u>	<u>Invention</u>	<u>Inventor</u>
3,970,002	1976/07/20	Image transfer layers for infrared transfer processes	J. Gaynor
4,049,843	1977/09/20	Image transfer layers for infrared transfer processes	J. Gaynor
3,937,572	1976/02/10	Apparatus for inductive electrophotography	J. Gaynor, T. Anderson W. Hines, L. Tyler
3,997,456	1976/12/14	Wide latitude toner	C. Voss, T. Nykiel
4,055,419	1977/10/25	Method of developing electrostatic images using wide latitude toner	C. Voss, T. Nykiel
3,913,872	1975/10/21	Light tunnel for uniformly illuminating an object	P. Weber
3,899,246	1975/08/21	Combined microfiche reader and projector	A. Edelstein
3,898,681	1975/08/05	Light sealed film cartridge	H. Hertel, G. Konagamitsu
3,920,332	1975/11/18	Cartridge or cassette control system with an automatic final run at the end of a web	R. Murre, G. Bookless
3,955,779	1976/05/11	Cartridge with removable take-up sub-cartridge	P. Bielik
3,944,209	1976/03/16	High speed document handler	G. Fallos

LA1-594299, V5

A-1

PATENT
REF: 8783 FRAME: 0352

PATENT
REEL: 013089 FRAME: 0203

3,944,213	1976/03/16	High speed document handler	G. Fallos, W. Morrison
3,941,978	1976/03/02	Automatic film searching and retrieval system	J. Huston, R. Murre
3,941,332	1976/03/02	Rotational position sensor	J. Matula
3,970,385	1976/07/20	Microfilm recorder document transport system	R. Kearney, E. Sather
4,013,283	1977/03/22	Pull-foot sheet feeding device	N. Tress, W. Orsinger
4,060,228	1977/11/29	Pull-foot feed	N. Tress, W. Orsinger
3,960,447	1976/06/01	Locating and locking mechanism for glass flat	E. Sather
4,015,900	1977/04/05	Microfiche reader	T. Wells
4,111,149	1978/09/05	Optical structure for microfiche reader	T. Wells
3,967,890	1976/07/16	Carriage mechanism for microfiche reader	T. Wells
3,997,257	1976/12/14	Selection for microfiche cartridge	T. Wells
3,997,256	1976/12/14	Microfiche cartridge	T. Wells
4,006,980	1977/02/08	Microfiche carrier	T. Wells
4,105,319	1978/08/08	Microfiche carrier	T. Wells, R. Kearney
4,037,239	1977/07/19	Microfilm camera and photographic film handling apparatus with an actuable film clamping device	J. Jamieson, H. Price W. Butts
3,994,581	1976/11/30	Microfilm camera and photographic film handling apparatus with film positioning mechanism	J. Hopkins, H. Price

4,037,955	1977/07/26	Microfilm camera and photographic film handling apparatus	J. Jamieson, H. Price
3,960,373	1976/06/01	Shuttle Guard for Signature Feeder	J. Pacholok
4,018,525	1977/04/19	Instant image film camera with inspection station	M. Broderick, R. Porazinski, E. Mateja
4,042,299	1977/08/16	Photographic recording machine with image designator mark optical system and adjusting means therefor	A. Gawin, R. Porazinski
4,021,106	1977/05/03	Apparatus for electrostatic reproduction using plural charges	J. Gaynor
3,885,960	1975/05/27	Method of development of liquid electrostatic images using an hydrophobic barrier liquid	T. Anderson
3,927,237	1975/12/16	Typing sheet for thermal duplicating processes	J. Sund
3,935,362	1976/01/27	Image control means and structured transfer sheet for thermal reproduction processes	J. Sund, Y. Yamada
3,930,859	1976/01/06	Photographic process system, recording medium and monoweb	R. Corrigan
4,044,369	1977/08/23	Photographic film assembly and magazine therefor	A. Nayak
4,050,810	1977/09/27	Instantaneous imaging microfilm recording camera with blip control	M. Broderick, E. Mateja
4,079,576	1978/03/21	In-line inserter	W. Morrison, N. Tress

4,132,402	1979/01/02	Sheet feed monitor apparatus	W. Morrison, N. Tress
3,983,679	1976/10/05	Apparatus and method of processing mail	E. Zemke
3,912,377	1975/10/14	Adjustable photographic objective	W. Johnson
4,008,861	1977/02/22	Web roll retainer	H. Hertel
3,982,709	1976/09/28	Film core with restrainer	H. Hertel
4,043,551	1977/08/23	In-line inserter	W. Morrison, N. Tress
3,981,582	1976/09/21	Microfilm copyboard with document index	G. Bookless
4,101,808	1978/07/18	Lamp control circuit	J. Flint
4,027,154	1977/05/31	Electronic document detector circuitry with feedback control	J. Flint
3,984,094	1976/10/05	Separator card retriever	L. Stocker
3,965,644	1976/06/29	Apparatus and method for mail preparation	L. Stocker
4,034,973	1977/07/12	Automated in-line mailing system	K. Hams
4,049,257	1977/09/20	Document feeder apparatus	R. Frystak
4,093,376	1978/06/06	Automatic exposure control	K. G. Rabindran, J. Flint
4,120,573	1978/10/17	Microfiche reader	R. Johnston, T. Wells
4,066,872	1978/01/03	Information retrieval system with expanded logic capability	R. Karp, J. Flint
4,110,020	1978/08/29	Electronically controlled microfilm photographic image utilization device	D. Johnson, J. Flint, T. Wells, R. Erikson

4,174,890	1979/11/20	Electronically controlled microfilm photographic image utilization device	D. Johnson, J. Flint, T. Wells, R. Erikson
4,066,349	1978/01/03	Information retrieval system having ramp motor control	J. Flint
4,122,457	1978/10/24	Ink jet printer with deflected nozzles	R. Erikson, E. Zemke, K. Guenther
4,249,187	1981/02/03	Ink jet printer with deflected nozzles	E. Erikson, E. Zemke, K. Guenther
4,074,853	1978/02/21	Dual Function Probe	J. Flint
4,039,180	1977/08/02	Sheet feeding apparatus	L. Stocker
4,172,525	1979/10/30	Document sorter	K. Hams, L. Stocker
4,115,869	1978/09/19	Methods and apparatus for processing data including a characteristic mark or error	H. Putnam, W. Butts
4,174,891	1979/11/20	Microfilm reader/printer	J. Flint, B. Rady
D-242,074	1979/06/12	Document counter	K. Hams
4,078,790	1978/03/14	Sheet collector	L. Stocker
4,124,290	1978/11/07	System for interfacing an automatic processing machine with a stack of documents which it is processing	D. Axelrod, J. Flint
4,148,579	1979/04/10	Automatic microfilm camera	D. Axelrod, J. Flint
4,153,361	1979/05/08	Web cassette with cartridge load	D. Axelrod
4,214,828	1980/07/29	Web cassette with cartridge load	D. Axelrod
4,087,175	1978/05/02	Automatic microfilm camera operated responsive to data input at a computer terminal	D. Johnson

4,198,157	1980/04/15	Automatic microfilm camera operated responsive to data input at a computer terminal	D. Johnson
4,156,244	1979/05/22	Ink jet printer ink cartridge	R. Erikson, E. Zemke, K. Guenther
4,101,763	1978/07/18	Control system for an image detector	J. Flint, K. G. Rabindran
4,121,138	1978/10/17	Servo system	J. Flint, R. Erikson, G. Rabindran
4,146,824	1979/03/27	Low speed servo control	J. Flint, K. G. Rabindran
4,164,367	1979/08/14	Film transport system for microfilm reader	E. Wadleigh
Des256127	1980/07/29	Microfilm camera	J. Overman
4,226,324	1980/10/07	Article turnover assembly	L. Stocker
4,173,029	1979/10/30	Protective circuit for selectively applying power to a motor	K. G. Rabindran
4,177,979	1979/12/11	Signature gathering machine	W. Orsinger, G. Fallos
4,209,238	1980/06/24	Microfilm transport with shuttered lens and glass flat control	D. Stites, J. Flint, M. Kreuser
4,185,900	1980/01/29	Roll film reader/printer with manually insertable discrete film	K. G. Rabindran, D. Stites
4,198,137	1980/04/15	Microfilm reader/printer with normally open and removable glass flat assembly	D. Stites
4,314,644	1982/02/09	Zip sort registration system	L. Stocker
4,201,378	1980/05/06	Skew detector	K. Hams
4,273,319	1981/06/16	Document sequencer	L. Stocker

4,223,882	1980/09/23	An automated in-line mailing system	L. Stocker
4,318,265	1982/03/09	Envelope flap opener	W. Orsinger, G. Fallos
4,200,224	1980/04/29	Microprocessor test system	J. Flint
4,278,023	1981/07/14	Drive system for endorser	D. Call, M. LaRue, Jr.
4,190,353	1980/02/26	Optical system for rotary camera	M. LaRue, Jr.
4,147,429	1979/04/03	Apparatus and process for photographically duplicating intelligence existing on photoplastic film	G. Lysle
4,286,864	1981/09/01	Photoplastic film recording and monitoring apparatus	G. Lysle, K. Baur
4,533,133	1985/08/06	Method and apparatus for preventing insertion errors	K. Hams
4,288,966	1981/09/15	Method of vacuum timing control	D. Aten
4,228,972	1980/10/21	Improved web supply and take up system	Koppensteiner
4,254,364	1981/03/03	Lamp regulator circuit for rotary camera	J. Flint K.G. Rabindran J. Clevenger
4,276,470	1981/06/30	Bar code reader	B. Rady, T. Wells, K. Hendrickson
4,389,478	1983/06/21	Apparatus for and methods of making bimodal electrophotographic copies	R. Guzik
4,496,232	1985/01/29	Apparatus for and method of making bimodal electrophotographic copies	R. Guzik
Des260903	1981/09/22	Microfilm camera	J. Overman

4,241,992	1980/12/30	Recorded image detection system for updatable microfilm	J. Flint, H. Hertel
4,344,729	1982/08/17	Break-away device	W. Orsinger, G. Fallos
4,275,875	1981/06/30	Mail sorting machine	R. Akers
4,312,578	1982/01/26	Microfilm reader	T. Wells, J. Overman
Des266429	1982/10/05	Microfilm reader	J. Overman
4,328,402	1982/05/04	Sensing Switch for detecting a document	D. Call
4,223,062	1980/09/16	Curl resistant photoplastic film envelopes	F. Hession
4,247,008	1981/01/17	Method and system for sorting	W. Dobbs
4,432,458	1984/02/21	Electronic control system for monitoring and controlling the movement of an envelope through a mail sorting machine	H. Dabou's
3,992,090	1976/11/16	Optical apparatus for selectively producing rippled message images in areas of specular surfaced photoplastic film and erasing such images from such areas for reuse	G. Lysle
4,328,962	1982/05/11	Mail sorting machine	R. Akers
4,473,746	1984/09/25	Multiple head optical scanner	P. Edmonds
4,303,234	1981/12/01	Deskewing document feed tray	D. Plum
4,324,484	1982/04/13	Microfilm filing system	D. Johnson
Des267409	1982/12/28	Resealable toner container	M. Gross, R. Porazinski, R. Precin
4,358,017	1982/11/09	Mail direction system	R. Erikson

4,505,470	1985/03/19	Document handling machine having remote adjustment mechanism	W. Reinert, G. Fallos
4,346,876	1982/08/31	Vacuum document feeder	K. Guenther J. Kosner R. Erikson E. Zemke
4,502,676	1985/03/05	Document handling machine with a double-collector and method of operation	L. Stocker
4,050,222	1977/09/27	Envelope opening apparatus	F. Stephens, G. Rowlett, J. Beard
4,097,040	1978/06/27	Multiple size envelope feeder	G. L. Pugh, G. Rowlett
4,144,786	1979/03/20	Envelope Edge Slitting Apparatus	J. D. Beard, G. Beck
4,363,457	1982/12/14	Web tensioning system	J. Flint, K. Hendrikson K. G. Rabindran
4,514,050	1985/04/30	Dove prism for convergent light paths	D. Stites
4,553,652	1985/11/19	Coupling mechanism	G. Fallos
4,432,540	1984/02/21	Mail sorting machine with improved conveyor and envelope separating device	R. Akers
4,440,494	1984/04/03	Microfilm duplicator	T. Wells
Des279684	1985/07/16	Microform duplicator	J. Overman, T. Wells
4,442,347	1984/04/10	Indicia reading method and apparatus	K. Hams
4,436,299	1984/03/13	Sheet feeding device	W. Orsinger
4,479,050	1984/10/23	Sensor alignment circuit and method of operation	D. Helffrich

4,462,428	1984/07/31	Three-way needle valve	K. Guenther, E. Zemke, G. Warden
4,624,558	1986/11/25	Microimage recorder	D. Johnson
4,494,742	1985/01/22	Insertor with improved media transport having pivotal spring biased sheet holdowns adjacent transport belt	K. Guenther E. Zemke
4,483,633	1984/11/20	Matrix print head printer	J. Kosner, M. Wisniewski, T. Faber
4,411,416	1983/10/25	Improved vacuum document feeder	J. Kosner
4,486,013	1984/12/04	Adaptive vacuum cup mechanism	G. VanderSyde
4,448,364	1984/05/15	Reversible ribbon drive	R. Frystak, R. Johnston, J. Flint
4,460,903	1984/07/17	Ink Jet catcher	K. Guenther, E. Zemke, G. Warden
4,416,563	1983/11/22	Shaft coupling	E. Zemke, K. Guenther, Baethke
4,459,475	1984/07/10	Automatic calibration for D.C. transducers	J. Flint, R. Johnston
4,503,976	1985/03/12	Envelope tracking system for mail sorting machines	W. Cloud, S. Shaw
4,456,127	1984/06/26	Document handling machine with double collector and method of operation	K. Hams
4,509,735	1985/04/09	Variable width envelope feeder	J. Kosner
4,484,521	1984/11/27	Date band indexing mechanism for endorsing head	R. Frystak D. Friedlund

Des280211	1985/08/20	Addressing, printing system	J. Overman J. Kosner
4,697,246	1987/09/29	Method and apparatus for detecting the engagement of a proper number of articles	G. VanderSyde, K. G. Rabindran, K. Guenther, E. Zemke
4,634,107	1987/01/06	Gripper arm and method of operation	G. VanderSyde, K. G. Rabindran
4,515,451	1985/05/07	Indexing microfilm	H. Benham, T. Wells
4,618,232	1986/10/21	Desk top reader	T. Wells
Des290264	1987/06/09	Microfilm reader	J. Overman T. Wells
4,571,925	1986/02/25	Insertion machine with postage categorization	J. Adams
4,809,187	1989/02/28	Insertion machine with postage categorization	J. Adams, D. Aten, V. Jordan
4,604,849	1986/08/12	Insertion machine drive	E. Zemke, K. Guenther, G. Warden
4,570,922	1986/02/18	Envelope stacking arrangement for mail sorting machines	D. Akers
4,738,368	1988/04/19	Elevator mechanism for the code reader of a mail sorting machine	S. Shaw
4,516,761	1985/05/14	Motor driven continuous forms folder	M. Ricciardi
4,544,146	1985/10/01	Insertion machine with in-line envelope printing	E. Zemke, H. Pogue, G. Shaw, M. Bowles
4,585,220	1986/04/29	Method of operating insertion machine and printer with control signals stored on searchable medium	E. Zemke, M. Bowles, H. Pogue, G. Shah

4,639,873	1987/01/21	Insertion machine with postage categorization and selective merchandising	B. Baggarly, C. Scullion
4,797,830	1989/01/10	Insertion machine with postage categorization and selective merchandising	B. Baggarly, C. Scullion
4,959,795	1990/09/25	Insertion machine with distributed chargeback system	C. Scullion, E. Hindle D. Helffrich, D. Christensen
4,580,772	1986/04/08	Hopper and feeder apparatus and method	W. Reinert
3,897,944	1975/08/05	Methods and apparatus for performing a function relative to a card	F. Grant
3,900,191	1975/08/19	Card advancing and function performing methods and apparatus	D. Westorer F. Grant
3,915,086	1975/10/28	Printing apparatus	McManaman
3,942,788	1976/03/09	Sheet material transport equipment	R. Boyle
3,964,359	1976/06/22	Apparatus for cutting sheet material	D. Westover
3,966,190	1976/06/29	Sheet advancing methods and apparatus	F. Grant
4,561,352	1985/12/31	Rotatable print mechanism for printing on front or back of media	E. Svyatsky, K. G. Rabindran
4,693,465	1987/09/15	Rotatable print mechanism for printing on front or back of media	E. Svyatsky, K. G. Rabindran

4,577,848	1986/03/25	Method & apparatus for controlling the actuation of gripper arms	K. Hamms
4,582,312	1986/04/15	Printing apparatus for insertion machine	J. Abrams, M. Wisniewski
4,779,479	1988/10/25	Apparatus for applying a constant tensile force to a moving element	J. Abrams, M. Wisniewski
4,607,833	1986/08/26	Demand document feeder	E. Svyatsky, K. G. Rabindran, T. Faber
4,570,916	1986/02/18	Document conveying method and apparatus	C. Thompson
4,573,675	1986/03/04	Document feeder	E. Svyatsky, K. G. Rabindran, T. Faber
4,542,893	1985/09/24	Overlapping document strip conveying method and apparatus	C. Thompson, M. Clause
4,669,716	1987/06/02	Method and device for deflecting a sheet prior to feeding	G. VanderSyde, P. Beatty
4,734,865	1988/03/29	Insertion machine with an audit trail and command protocol	C. Scullion, B. Helffrich, D. Taylor, C. Segatti
4,728,097	1988/03/01	Adjustable gripper arm	G. VanderSyde, W. Orsinger, P. Beatty
4,595,188	1986/06/17	Envelope feeding system and speed control for mail sorting machines	D. Wiley, R. Akers
4,580,770	1986/04/08	Sheet Feeding Apparatus and method	G. Warden K. Hams

4,626,099	1986/12/02	Film duplication system for microimage recorders	R. Zuekle P. Friedrich D. Stites
Des301150	1989/05/16	Inserting machine	C. Bain
Des300747	1989/04/18	Mail handling machine	C. Bain
4,653,890	1987/03/31	Film developing system for microimage recording apparatus	E. Nordstrom P. Bielik M. Carlson
4,802,096	1989/01/31	Controlled direction non-contact detection system for automatic system for automatic guided vehicles	T. Hainsworth W. King
4,707,297	1987/11/17	Removable guidepaths for automated guidance vehicles	R. Paske M. Pallmer W. King
3,947,118	1976/03/30	Method of Photographing a plurality of cards	A. Amort
3,957,358	1976/05/18	Viewer for microreproduction on a transparent film	R. Holliday
3,959,904	1976/06/01	Microfiche storage unit	R. Holliday
3,966,318	1976/06/29	Apparatus for automatic microphotography	A. Amort
3,980,401	1976/09/14	Microform information storage arrangement	R. Holliday
3,980,402	1976/09/14	Microform information storage arrangement	R. Holliday
4,025,069	1977/05/24	Apparatus for automatic microphotography	A. Amort
4,045,016	1977/08/30	Apparatus for automatic microphotography	A. Amort

4,094,601	1978/06/13	Reproduction of paged material from microform cards	R. Holliday
4,094,602	1978/06/13	Microform card alignment device	R. Holliday
4,095,894	1978/06/20	Microform card holder for microprinter	R. Holliday
4,705,157	1987/11/10	Article turning assembly	M. Bowles
4,891,088	1990/01/02	Document forwarding system	E. Svyatsky
4,756,520	1988/07/12	Mechanism for weighing and applying postage to mail	J. Clark, Jr. S. Derby
4,798,040	1989/01/17	Insertion machine	D. Haas G. VanderSyde P. Beatty R. Roxas
4,955,185	1990/09/11	Insertion machine	G VanderSyde D. Haas P. Beatty R. Roxas
4,922,689	1990/05/08	Insertion machine	G VanderSyde D. Haas P. Beatty R. Roxas
4,939,887	1990/07/10	Insertion machine	G VanderSyde D. Haas P. Beatty R. Roxas
4,835,403	1989/05/30	Clocked optical sensing apparatus	M. Wisniewski
4,877,346	1989/10/31	Sheet feed hopper for insertion machine	K. Guenther K. Rabindran T. Faber J. Abrams
Des309617	1990/07/31	Manual inserter	C. Bain

Des310351	1990/09/04	Character indicia encoding desk for mail	C. Bain
Des311179	1990/10/09	Mail Sorter	C. Bain
4,893,952	1990/01/16	Dot matrix printer system including improved ink transfer machine	E. Svyatsky
4,865,304	1989/09/12	Insertion machine with improved insert track	G. VanderSyde P. Beatty R. Roxas
5,000,434	1991/03/19	Insertion machine with improved insert track	G. VanderSyde P. Beatty R. Roxas
5,129,642	1992/07/14	Controllable document drive and separation system	E. Svyatsky T. Faber
4,892,300	1990/01/09	Differential document drive	E. Svyatsky T. Faber
4,784,379	1988/11/15	Apparatus and method for automated mail	G. VanderSyde K.G. Rabindran K. Guenther M. Bowles
4,942,531	1990/07/17	Self-adapting signal detector with digital outputs	G. Hainsworth N. Spanhak R. Paske
4,974,826	1990/12/04	Document stacking apparatus	E. Svyatsky K.G. Rabindran K. Beers
5,076,879	1991/12/31	Document forwarding system	E. Svatsky
5,200,007	1993/04/06	Document forwarding system	E. Svytasky
4,979,605	1990/12/25	Document transporter for use in a forwarding system	E. Svyatsky

4,884,797	1989/12/05	A feeder module for use in a document forwarding system	E. Svyatsky
4,928,952	1990/05/29	Mechanical document feed apparatus	E. Svyatsky
4,884,795	1989/12/05	Document feeder apparatus	G. VanderSyde
4,928,946	1990/05/29	Improved vertical feed mechanism for documents	J. Loftis E. Svyatsky T. Faber
4,903,955	1990/02/27	Document stacking apparatus	G. Manzke
4,861,018	1989/08/29	Idler release pulley lever mechanism for document transport	M. Kerstein
4,960,273	1990/10/02	Dual mode document feeder	R. Frystak J. O'Callaghan J. Colson
4,984,008	1991/01/08	Film number writing system	R. Frystak J. O'Callaghan
5,029,832	1991/07/09	In-line rotary inserter	W. Orsinger R. Hawkes E. Belec J. Lee
5,129,503	1992/07/14	Turnover module	R. Belec J. Lee, Jr. H. Noll, Jr. D. Nyffenegger
5,125,214	1992/06/30	Inserter station for envelope inserting	W. Orsinger R. Hawkes E. Belec H. Noll, Jr.
5,125,642	1992/06/30	Feeder module with thickness detection	W. Orsinger R. Hawkes E. Belec J. Lee, Jr.

5,130,558	1992/07/14	Skew detector for inserter	W. Orsinger R. Hawkes E. Belec J. Lee, Jr.
5,211,384	1993/05/18	Inserter with diverter for faulty members	W. Orsinger R. Hawkes E. Belec J. Lee, Jr.
5,201,504	1993/04/13	On-edge stacker	G. Fallos H. Noll, Jr. D. Nyffenegger
DES327257	1992/06/23	Document processing apparatus (design)	R. Riess M. Ricciardi J. Feely
4,927,133	1990/05/22	Angled conveyer for document packaging	D. Evans
5,119,954	1992/06/09	Multi-pass sorting machine	E. Svyatsky G. Paroubek F. Hegland
5,048,814	1991/09/17	Document operation mechanism	E. Svyatsky
5,150,894	1992/09/29	Diverter mechanism for flat document conveyor system	M. Ricciardi
5,221,080	1993/06/22	Stacker assembly having variable pressure stacker plate	M. Ricciardi
5,139,251	1992/08/18	Deflector device for document feeder	M. Ricciardi
5,224,695	1993/07/06	Method and apparatus for feeding documents	E. Svyatsky J. Loftis G. Paroubek F. Hegland W. Dobrzanski T. Faber

5,131,645	1992/07/21	Sweeper assembly for document conveyor system	M. Ricciardi
5,172,909	1992/12/22	Secondary pivotal drive stacker roller enabling stacking of small and large documents	M. Ricciardi
4,822,986	1989/04/18	Method of detecting and reading postal bar codes	R. Guthmueller R. Habitzreiter
4,845,761	1989/07/04	Letter mail address block locator system	G. Cate R. Habitzreiter K. Lovelady M. Woolston
3,854,613	1974/12/17	Batch to continuous flow mail handling	Renfrow
3,863,789	1975/02/04	Mail tray unloading	Hunter
3,994,389	1976/11/30	Mail stack feed control	C. Blair

PATENTS PENDING

<u>Applicant's Name</u>	<u>Date Filed</u>	<u>Application No.</u>	<u>Invention</u>	<u>Inventor</u>
	1990/03/27	499,717	Insertion machine with postage categorization selective merchandizing	B. Baggarly, C. Scullion
	1986/03/03	835,658	Electronic publishing system	D. Gump D. Gardner

1987/10/16	109,478	Improved document forwarding system for mixed media flat mail of varying sizes and thicknesses	M. Wisniewski R. Parker
1988/05/26	199,372	Improved mail sorter basket for handling mail trays	M. Kerstein
1990/03/27	500,408	Carrier sequenced bar code sorter for documents	K.G. Rabindran T. Faber D. Filicicchia K. Guenther J. Kalike M. Kerstein G. Shah D. Wiley M. Wisniewski
1991/07/17		Singulation device in a multi-pass sorting machine	K.G. Rabindran T. Faber D. Filicicchia K. Guenther J. Kalike M. Kerstein G. Shah D. Wiley M. Wisniewski
1991/07/26	736,427	Shingler device in a multi-pass sorting machine	E. Svyatsky G. Paroubek F. Hegland
1990/09/07	579,380	Improved mail feeder	E. Svyatsky
1989/12/12	453,134	Mail sorter basker for handling mail trays	M. Kerstein
1991/10/15	776,763	Method and apparatus for removing labels from a substrate	E. Svyatsky F. Hegland W. Dobrzanski

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