

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4412333

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
BOWE BELL + HOWELL COMPANY	06/23/2011
RECEIVING PARTY DATA	
Name:	BELL AND HOWELL, LLC
Street Address:	3791 S. ALSTON AVENUE
City:	DURHAM
State/Country:	NORTH CAROLINA
Postal Code:	27713
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14015637
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	1174/481/2 CON
NAME OF SUBMITTER:	DEBRA C. JONES
SIGNATURE:	/Debra C. Jones/
DATE SIGNED:	05/12/2017
Total Attachments: 21	
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PATENT ASSIGNMENT

THIS PATENT ASSIGNMENT (this "Assignment") is made and entered into as of June 23, 2011 ("Effective Date") by and between **Bowe Bell + Howell Company**, a Delaware corporation ("Assignor"), and **Bell and Howell, LLC**, a Delaware limited liability company ("Assignee").

WHEREAS, Assignor and Assignee and/or their respective affiliates are parties to that certain Asset Purchase Agreement dated April 18, 2011 (the "Agreement");

WHEREAS, pursuant to the Agreement, Assignor wishes to assign to Assignee, and Assignee wishes to acquire from Assignor, the entire right, title and interest in, to and under the United States patents and patent applications identified and set forth on Schedule A attached hereto, and the foreign patents and patent applications identified and set forth on Schedule B attached hereto, in each case, together with any continuations, divisions, continuations-in-part, reissues, reexaminations, extensions or foreign equivalents thereof, and including the subject matter of all claims which may be obtained therefrom (the "Patents").

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor does hereby sell, assign, transfer and set over to Assignee, the entire right, title and interest in and to the Patents, for the United States and for all foreign countries, for Assignee's own use and enjoyment, and for the use and enjoyment of Assignee's successors, assigns or other legal representatives, as fully and entirely as the same would have been held and enjoyed by Assignor if this Assignment and sale had not been made; together with all income, royalties, damages or payments due or payable as of the Effective Date or thereafter, including, without limitation, all claims for damages by reason of past, present or future infringement or other unauthorized use of the Patents, with the right to sue for, and collect the same for its own use and enjoyment, and for the use and enjoyment of Assignee's successors, assigns, or other legal representatives.

Assignor authorizes and requests the Commissioner of Patents and Trademarks to record Assignee as owner of the Patents and to issue any and all letters patent of the United States thereon to Assignee, as assignee of the entire right, title and interest in, to and under the same, for the sole use and enjoyment of Assignee, its successors, assigns or other legal representatives.

Assignor represents and warrants that: (i) it is the sole and exclusive owner of the entire right, title and interest in and to the Patents (including the corresponding rights set forth above), free and clear of any liens, security interests or other encumbrances; (ii) it has the full right and authority to execute this Assignment and to assign to Assignee the rights assigned herein; and (iii) it has not executed, and will not execute, any agreement or other instrument in conflict herewith.

Assignor shall take all further actions, and provide to Assignee, Assignee's successors, assigns or other legal representatives, all such cooperation and assistance (including, without limitation, the execution and delivery of any and all affidavits, declarations, oaths, samples, exhibits, specimens, assignments, powers of attorney or other documentation),

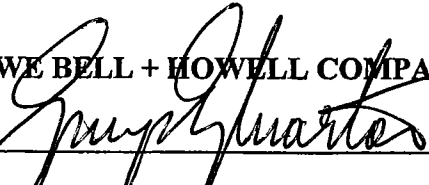
reasonably requested by Assignee to more fully and effectively effectuate the purposes of this Assignment, including, without limitation, with respect to the following: (1) in the preparation and prosecution of any applications covering the inventions assigned herein; (2) in the prosecution or defense of any interference, opposition, reexamination, reissue, infringement or other proceedings that may arise in connection with any of the patent rights assigned herein, including, but not limited to, testifying as to any facts relating to the patent rights assigned herein and this Assignment; (3) in obtaining any additional patent protection that Assignee may deem appropriate which may be secured under the laws now or hereafter in effect in the United States or any other country; and (4) in the implementation or perfection of this Assignment in all applicable jurisdictions throughout the world.

* * * * *

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IN WITNESS WHEREOF, Assignor and Assignee have caused this Assignment to be executed by their duly authorized representatives as of the Effective Date.

BOWE BELL + HOWELL COMPANY

X 

Name: George Marton

Title: President

BELL AND HOWELL, LLC

Name: _____


Title: _____

IN WITNESS WHEREOF, Assignor and Assignee have caused this Assignment to be executed by their duly authorized representatives as of the Effective Date.

BOWE BELL + HOWELL COMPANY

Name: _____
Title: _____

BELL AND HOWELL, LLC



Name: Randall R. Schultz
Title: Vice President

SCHEDULE A

U.S. PATENTS AND U.S. PATENT APPLICATIONS

Title	Country	Application No.	Filing Date	Publication No.	Patent No.	Issue Date
METHODS AND SYSTEMS FOR TRACKING AND CONTROLLING MAILPIECE PROCESSING USING POSTAL SERVICE MAILPIECE CODE	U.S.	09/636175	08/10/2000	—	6557755	05/06/2003
SYSTEM AND METHOD FOR MONITORING GROUPED RESOURCES	U.S.	10/085357	02/28/2002	20030160377	7048273	05/23/2006
ARTICULATED DOCUMENT FEEDER	U.S.	07/835412	02/14/1992	—	5209468	05/11/1993
APPARATUS FOR STACKING SHEET-LIKE ARTICLES	U.S.	07/856495	03/24/1992	—	5372360	12/13/1994
RETRACTABLE-RAMP ACCUMULATOR AND METHOD	U.S.	07/931617	08/18/1992	—	5244200	09/14/1993
PRE-FEED SHINGLING DEVICE FOR FLAT-ARTICLE FEEDER	U.S.	07/935775	08/28/1992	—	5297785	03/29/1994
SEGMENTED DOCUMENT TRANSPORT SECTION HAVING ACCELERATED TAKE-AWAY BELTS	U.S.	07/935778	08/28/1992	—	5299797	04/05/1994
SEGMENTED DOCUMENT TRANSPORT SECTION HAVING ACCELERATED TAKE-AWAY BELTS	U.S.	07/935778	08/28/1992	—	5321624	04/05/1994
PHASE ADJUSTMENT APPARATUS FOR INSERTION MACHINE	U.S.	07/977466	11/17/1992	—	5279495	01/18/1994
DOCUMENT SORTING SECTION HAVING A PLURALITY OF PRIMARY SORTING PATHS	U.S.	08/265707	06/27/1994	—	5542547	08/06/1996
TURNOVER-SEQUENCER STAGING APPARATUS AND METHOD	U.S.	08/336116	11/04/1994	—	5439208	08/08/1995
APPARATUS AND METHOD FOR SINGULATING SHEETS AND INSERTING SAME INTO ENVELOPES	U.S.	08/540384	10/06/1995	—	5647583	07/15/1997
DOCUMENT SET ACCUMULATOR HAVING GUIDE ELEMENTS WITH COMPRESSIBLE O-RINGS FOR TOOL-LESS ADJUSTMENT	U.S.	08/544806	10/18/1995	—	5647587	07/15/1997

Title	Country	Application No.	Filing Date	Publication No.	Patent No.	Issue Date
BELT-DRIVEN DOCUMENT ACCUMULATOR HAVING BELT-DAMPENING TABLE AND SIDE GUIDES	U.S.	08/544807	10/18/1995	—	5692745	12/02/1997
DOCUMENT SET ACCUMULATOR HAVING SHAFT-MOUNTED MULTI-GROOVED PULLEYS FOR TOOL-LESS ADJUSTMENT OF LATERAL BELT POSITIONING	U.S.	08/544821	10/18/1995	—	5590873	01/07/1997
UNIVERSAL HALF FOLDER APPARATUS	U.S.	08/691208	08/01/1996	—	5876320	03/02/1999
COMPUTER CONTROLLED APPARATUS AND METHOD FOR INSERTING MAIL INTO ENVELOPES	U.S.	08/720837	10/03/1996	—	5823521	10/20/1998
METHOD AND APPARATUS FOR HIGH SPEED MERGING OF SHEET MATERIAL ONTO A TRANSPORT FROM THE SIDE	U.S.	08/728842	10/10/1996	—	5857669	01/12/1999
CHAIN APPARATUS FOR HIGH-SPEED MEDIA PROCESSING	U.S.	08/731725	10/18/1996	—	5806659	09/15/1998
DIVERTER APPARATUS AND METHOD FOR SHEETS OR ENVELOPES	U.S.	08/734718	10/21/1996	—	5901953	05/11/1999
NON-MARKING COLLECTOR APPARATUS AND METHOD	U.S.	08/754073	11/20/1996	—	5913514	06/22/1999
COLLECTOR APPARATUS AND METHOD	U.S.	08/753321	11/22/1996	—	5860643	01/19/1999
ACCUMULATOR APPARATUS AND METHOD	U.S.	08/755001	11/22/1996	—	5775689	07/07/1998
GUIDE APPARATUS AND METHOD FOR GUIDING SHEETS INTO A PREDETERMINED PATH	U.S.	08/771586	12/20/1996	—	5794931	08/18/1998
DOCUMENT COLLECTOR, DIVERTER AND STAGER APPARATUS AND METHOD	U.S.	08/771589	12/20/1996	—	5899453	05/04/1999
HIGH SPEED DOCUMENT SEPARATOR AND SEQUENCING APPARATUS	U.S.	08/816193	03/12/1997	—	6176483	01/23/2001
HORIZONTAL FEED TABLE AND METHOD	U.S.	08/982800	08/15/1997	—	6142462	11/07/2000
APPARATUS AND METHOD FOR INVERTING, STAGING AND DIVERTING SHEET ARTICLES	U.S.	08/932659	09/18/1997	—	5927713	07/27/1999

Title	Country	Application No.	Filing Date	Publication No.	Patent No.	Issue Date
DOCUMENT ACCUMULATOR HAVING ROTATING ASSEMBLIES FOR PAMP ADJUSTMENT	U.S.	08/935339	10/02/1997	—	5915686	06/29/1999
SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR DELIVERING INFORMATION IN A PREFERRED MEDIUM	U.S.	08/966183	11/07/1997	—	6157924	12/05/2000
SYSTEMS, METHODS AND COMPUTER PROGRAM PRODUCTS FOR MONITORING AND CONTROLLING MAIL PROCESSING DEVICES	U.S.	09/016715	01/30/1998	—	6032122	02/29/2000
COMPUTER CONTROLLED APPARATUS AND METHOD FOR INSERTING MAIL INTO ENVELOPES	U.S.	09/065339	04/23/1998	—	5954323	09/21/1999
APPARATUS FOR INSERTING A SHEET INTO AN ENVELOPE TO SEGREGATE A SHEET AND AN ENVELOPE	U.S.	09/065340	04/23/1998	—	5975514	11/02/1999
COMPUTER CONTROLLED APPARATUS AND METHOD FOR INSERTING MAIL INTO ENVELOPES	U.S.	09/065341	04/23/1998	—	5941516	08/24/1999
COMPUTER CONTROLLED APPARATUS AND METHOD FOR INSERTING MAIL INTO ENVELOPES	U.S.	09/065342	04/23/1998	—	5949687	09/07/1999
STAGER INTERFACE APPARATUS AND METHOD FOR STAGING SHEETS	U.S.	09/070257	04/30/1998	—	6021698	02/08/2000
METHOD AND APPARATUS FOR VERIFYING THE INTEGRITY OF A MAIL PIECE	U.S.	09/072599	05/05/1998	—	6079705	06/27/2000
SYSTEMS, METHODS AND COMPUTER PROGRAM PRODUCTS FOR MONITORING AND CONTROLLING MAIL PROCESSING DEVICES	U.S.	09/079620	05/15/1998	—	6049775	04/11/2000
SMUDGE-FREE SHEET MATERIAL HANDLING APPARATUS AND METHOD	U.S.	09/097945	06/16/1998	—	6032953	03/07/2000
HIGH SPEED ENVELOPE PACKING APPARATUS	U.S.	09/108655	07/01/1998	—	6199348	03/13/2001
METHOD AND APPARATUS FOR MERGING SHEETS	U.S.	09/137633	08/21/1998	—	6062556	05/16/2000

Title	Country	Application No.	Filing Date	Publication No.	Patent No.	Issue Date
STAGE AND THREAD ASSEMBLY FOR HIGHSPEED ENVELOPE PACKING APPARATUS	U.S.	09/157744	09/21/1998	—	6240710	06/05/2001
TRACKING SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT FOR DOCUMENT PROCESSING	U.S.	09/181497	10/28/1998	—	6370521	04/09/2002
CLIENT-SERVER SYSTEM, METHOD AND COMPUTER PRODUCT FOR MANAGING DATABASE DRIVEN INSERTION (DDI) AND MAIL PIECE TRACKING (MPT) DATA	U.S.	09/183811	10/30/1998	—	6119051	09/12/2000
SHEET FEEDER APPARATUS AND METHOD WITH THROUGHPUT CONTROL	U.S.	09/237214	01/25/1999	—	6354583	03/12/2002
OVERHEAD PUSHER FINGER GUIDE SYSTEM	U.S.	09/292212	04/15/1999	—	6283276	09/04/2001
SHEET-SIZE AND STACKING DIRECTION ADJUSTABLE ACCUMULATOR WITH REMOVABLE RAMPS AND METHOD	U.S.	09/293397	04/16/1999	—	6203006	03/20/2001
HIGH SPEED DOCUMENT PROCESSING MACHINE	U.S.	09/328450	06/09/1999	—	6131053	10/10/2000
METHOD AND APPARATUS FOR HIGH SPEED ENVELOPE TRAYING	U.S.	09/360817	07/26/1999	—	6536191	03/25/2003
HIGH SPEED ENVELOPE PACKING APPARATUS	U.S.	09/368940	08/05/1999	—	6264021	07/24/2001
HIGH SPEED ENVELOPE PACKING APPARATUS	U.S.	09/368942	08/05/1999	—	6131722	10/17/2000
CLIENT-SERVER SYSTEM, METHOD AND COMPUTER PRODUCT FOR MANAGING DATABASE DRIVEN INSERTION (DDI) AND MAIL PIECE TRACKING (MPT) DATA	U.S.	09/428028	10/27/1999	—	6266575	07/24/2001
AUTOMATED METHODS AND SYSTEMS FOR ANALYZING DATA ASSOCIATED WITH AN INDUSTRIAL PROCESS	U.S.	09/434406	11/04/1999	—	6625567	09/23/2003
INSERT HOPPER AND METHOD FOR IMPROVING THE OPERATION THEREOF	U.S.	09/527187	03/17/2000	—	6390461	05/21/2002

Title	Country	Application No.	Filing Date	Publication No.	Patent No.	Issue Date
POSITIVE DRIVE MECHANISM FOR BUCKLE FOLDER AND METHOD	U.S.	09/546481	04/10/2000	—	6247691	06/19/2001
HIGH SPEED ENVELOPE PACKING APPARATUS	U.S.	09/563258	05/01/2000	—	6612098	09/02/2003
RIGHT ANGLE STAGER APPARATUS AND METHOD	U.S.	09/568876	05/09/2000	—	6378861	04/30/2002
SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR DELIVERING INFORMATION IN A PREFERRED MEDIUM	U.S.	09/596978	06/20/2000	—	6701315	03/02/2004
METHOD AND APPARATUS FOR VERIFYING A MATCH BETWEEN CONTENTS OF AN ENCLOSURE AND DATA PRINTED ON THE ENCLOSURE	U.S.	09/752198	12/29/2000	20020087338	7236935	06/26/2007
MACHINE VISION SYSTEM AND TRIGGERING METHOD	U.S.	09/754704	01/04/2001	20020106107	6614916	09/02/2003
ACCUMULATOR APPARATUS AND METHOD HAVING IMPROVED SHEET REGISTRATION	U.S.	09/810791	03/16/2001	—	6712354	03/30/2004
INSERTING APPARATUS AND METHOD WITH CONTROLLED, MASTER CYCLE SPEED-DEPENDENT ACTUATOR OPERATIONS	U.S.	09/843231	04/26/2001	20020112453	6718740	04/13/2004
RIGHT ANGLE STAGER APPARATUS AND METHOD	U.S.	09/947138	09/05/2001	20020030320	6554274	04/29/2003
APPARATUS AND METHOD FOR COLLECTING FLAT AND LETTER UNITS	U.S.	10/034853	12/28/2001	20030085512	6978995	12/27/2005
AUTOMATED METHODS AND SYSTEMS FOR ANALYZING DATA ASSOCIATED WITH AN INDUSTRIAL PROCESS	U.S.	10/054774	01/23/2002	20020065628	6717169	04/06/2004
AUTOMATED METHODS AND SYSTEMS FOR ANALYZING DATA ASSOCIATED WITH AN INDUSTRIAL PROCESS	U.S.	10/055604	01/23/2002	20020069034	7152212	12/19/2006
SHEET FEEDER APPARATUS AND METHOD WITH THROUGHPUT CONTROL	U.S.	10/072791	02/08/2002	20020079637	6644659	11/11/2003
RIGHT ANGLE STAGER APPARATUS	U.S.	10/075771	02/14/2002	20020089112	6557847	05/06/2003

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TRACKING SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT FOR DOCUMENT PROCESSING	U.S.	10/118346	04/08/2002	20020144021	6901412	05/31/2005
NON-MARKING ACCUMULATOR AND RELATED METHODS	U.S.	10/174859	06/19/2002	20030151190	6902162	06/07/2005
DOCUMENT HANDLING APPARATUS WITH DYNAMIC INFED MECHANISM AND RELATED METHOD	U.S.	10/175433	06/19/2002	20030151192	6863273	03/08/2005
APPARATUS AND METHOD FOR STUFFING A FOLDER	U.S.	10/273464	10/18/2002	20030121236	7000364	02/21/2006
ELECTRONIC DOCUMENT PRESENTMENT SERVICES IN THE EVENT OF A DISASTER	U.S.	10/335910	01/03/2003	20090037762	7698151	04/13/2010
METHOD AND APPARATUS FOR ASSEMBLING A STACK OF SHEET ARTICLES FROM MULTIPLE INPUT PATHS	U.S.	10/359928	02/06/2003	20030146559	7100911	09/05/2006
SHEET ACCUMULATOR SYSTEMS AND METHODS	U.S.	10/366178	02/13/2003	20030164589	7201372	04/10/2007
DELIVERY POINT SORTING SYSTEM	U.S.	10/425769	04/29/2003	20090014364	7663072	02/16/2010
PROGRESSIVE MODULARITY ASSORTMENT SYSTEM WITH HIGH AND LOW CAPACITY BINS	U.S.	10/463310	06/17/2003	20040069691	7498539	03/03/2009
INSERTING APPARATUS AND METHOD WITH CONTROLLED, MASTER CYCLE SPEED-DEPENDENT ACTUATOR OPERATIONS	U.S.	10/626595	07/25/2003	20050246139	7395644	07/08/2008
PROGRESSIVE MODULARITY ASSORTMENT SYSTEM WITH HIGH AND LOW CAPACITY BINS	U.S.	11/656404	01/23/2007	20070119757	7396011	07/08/2008
MAIL TRANSPORTATION PROCESSING	U.S.	11/709847	02/23/2007	20080162381	—	—
SYSTEM AND METHOD FOR GAP LENGTH MEASUREMENT AND CONTROL	U.S.	11/710911	02/27/2007	20080208370	7631869	12/15/2009
BROWSER BASED USER INTERFACE FOR DYNAMIC INTERACTION AND CONTROL WITHIN A MAIL PROCESSING ENVIRONMENT	U.S.	11/785062	04/13/2007	20080016170	—	—

Title	Country	Application No.	Filing Date	Publication No.	Patent No.	Issue Date
CUTTER MODULE WITH AN INTEGRATED TRIM DISPOSAL MECHANISM	U.S.	09/448532	11/22/2009	—	6276621	08/21/2001
ENVELOPE AND INSERT TRANSPORT AND INSERTION MACHINE	U.S.	10/823789	04/14/2004	20040255561	7051496	05/30/2006
GRIPPING ELEMENT FOR CONTINUOUS MOTION INSERTING FINGER	U.S.	10/823791	04/14/2004	20050067257	7097028	08/29/2006
SINGLE PASS OFF-LINE VIDEO ENCODING	U.S.	10/857182	06/01/2004	20050025340	7394914	07/01/2008
FEEDER CONTROL SYSTEM AND METHOD	U.S.	10/928704	08/30/2004	20050149225	7804979	09/28/2010
ACCUMULATOR APPARATUS NON-MARRING PUSHER SYSTEM	U.S.	10/943853	09/20/2004	20060071409	7360758	04/22/2008
FREE TRANSPORT FOR SETTLING AND SINGLING OF LETTERS	U.S.	11/019676	12/23/2004	20050146089	7735827	06/15/2010
OVER THE RACEWAY DIVERT DEVICE, SYSTEM AND METHOD FOR DIVERTING SUSPECT DOCUMENTS	U.S.	11/023964	12/29/2004	20060157925	7232126	06/19/2007
MAIL PIECE CONSOLIDATION AND ACCOUNTABILITY USING ADVANCED TRACKING METHODS	U.S.	11/199259	08/09/2005	20060108266	7741575	06/22/2010
MULTI-PRINT STREAM PROCESSING MODULE OPTIMIZER FOR DOCUMENT PROCESSING	U.S.	11/217458	09/02/2005	20060080122	—	—
APPARATUS FOR ASSEMBLY OF DOCUMENT SETS INTO A SINGLE COLLATED PACKET	U.S.	11/240604	10/03/2005	20070075475	7396006	07/08/2008
DYNAMICALLY CHANGING LABEL SIZE DURING MAIL PROCESSING	U.S.	11/340835	01/27/2006	20060201348	—	—
PROGRESSIVE MODULARITY ASSORTMENT SYSTEM WITH HIGH AND LOW CAPACITY BINS	U.S.	11/341476	01/30/2006	20060124514	7259346	08/21/2007
QUEUED ERROR RECONCILIATION	U.S.	11/342569	01/31/2006	20070177184	—	—
INSERTING SYSTEMS AND METHODS	U.S.	11/546535	10/12/2006	20070164496	7637490	12/29/2009

Title	Country	Application No.	Filing Date	Publication No.	Patent No.	Issue Date
SYSTEMS AND METHODS FOR MAINTAINING THE DENSITY OF GROUPED SHEET ARTICLES	U.S.	11/546552	10/12/2006	20080088076	7607653	10/27/2009
APPARATUSES AND METHODS FOR STAGING AND PROCESSING DOCUMENTS FOR SHEET PROCESSING	U.S.	11/546554	10/12/2006	20070145659	7607649	10/27/2009
METHODS FOR VARIABLY OPENING ENVELOPES	U.S.	11/546556	10/12/2006	20080086983	7454882	11/25/2008
MAIL PIECE VERIFICATION SYSTEM AND METHOD	U.S.	11/592164	11/03/2006	20070129957	—	—
INLINE MAIL VALIDATION	U.S.	11/656012	01/22/2007	20080173714	—	—
INTELLIGENT DOCUMENT COMPOSITION FOR MAIL PROCESSING	U.S.	11/802301	05/22/2007	20080291486	—	—
METHOD AND SYSTEM FOR PERFORMING ADDRESS RESOLUTION PROCESSING	U.S.	11/892581	08/24/2007	20090055206	—	—
MAIL PROCESSING SYSTEM FOR ADDRESS CHANGE SERVICE	U.S.	11/848136	08/30/2007	20090057207	7834289	11/16/2010
METHOD AND SYSTEM TO PROVIDE ADDRESS SERVICES WITH A DOCUMENT PROCESSING SYSTEM	U.S.	12/003274	12/21/2007	20090159509	—	—
CENTRALIZED PRODUCTION MANAGEMENT FOR MEASURING MAIL INDUSTRY PROCESSING PERFORMANCE	U.S.	12/005417	12/27/2007	20090070338	—	—
MAIL PIECE CONSOLIDATION AND ACCOUNTABILITY USING ADVANCED TRACKING METHODS	U.S.	12/078499	04/01/2008	20080179225	—	—
APPARATUS, METHOD AND PROGRAMMABLE PRODUCT FOR IDENTIFICATION OF A DOCUMENT WITH FEATURE ANALYSIS	U.S.	12/149024	04/25/2008	20100027834	—	—
DOCUMENT PROCESSING SYSTEM CONTROL USING DOCUMENT FEATURE ANALYSIS FOR IDENTIFICATION	U.S.	12/149043	04/25/2008	20080267510	—	—
METHOD AND PROGRAMMABLE PRODUCT FOR UNIQUE DOCUMENT IDENTIFICATION USING STOCK AND CONTENT	U.S.	12/149044	04/25/2008	20080272585	—	—

Title	Country	Application No.	Filing Date	Publication No.	Patent No.	Issue Date
APPARATUS FOR PROCESSING MAIL ITEMS AND WEIGHING MODULE WITH SETTLING SECTION	U.S.	12/212312	09/17/2008	20090071730	7858889	12/28/2010
CLOSED LOOP SELF CORRECTIVE MAINTENANCE WITHIN A DOCUMENT PROCESSING ENVIRONMENT	U.S.	12/249304	10/10/2008	20100094676	—	—
CAMERA BASED INK APPLICATION VERIFICATION	U.S.	12/326984	12/03/2008	20090148002	—	—
PROFILE BASED LASER CUTTING WITHIN A HIGH-SPEED TRANSPORT DEVICE	U.S.	12/406553	03/18/2009	20100236997	—	—
GENERATION OF UNIQUE MAIL ITEM IDENTIFICATION WITHIN A MULTIPLE DOCUMENT PROCESSING SYSTEM ENVIRONMENT	U.S.	12/426484	04/20/2009	20090287343	—	—
BOOKLET FEEDER SYSTEMS AND METHODS	U.S.	12/426576	04/20/2009	20100264575	—	—
METHOD AND SYSTEM TO INDICATE BIN SWEEP STATUS ON DOCUMENT PROCESSING EQUIPMENT	U.S.	12/427211	04/21/2009	20090283453	—	—
PRINT STREAM PROCESSING MODULE OPTIMIZER FOR DOCUMENT PROCESSING	U.S.	12/432198	04/29/2009	20090268250	—	—
AUTOMATIC FEEDER CONTROL SYSTEM TO ACCOUNT FOR INPUT VARIATIONS	U.S.	12/435757	05/05/2009	20090283963	—	—
METHOD AND SYSTEM FOR RUN TIME DIRECTORIES FOR ADDRESS SERVICES ON A MAIL PROCESSING SYSTEM	U.S.	12/466007	05/14/2009	20090287742	—	—
SYSTEM AND METHOD FOR VALIDATING MAILINGS RECEIVED	U.S.	12/467043	05/15/2009	20090294338	—	—
METHOD AND SYSTEM FOR INTEGRATED PALLET AND SORT SCHEME MAINTENANCE	U.S.	12/467893	05/18/2009	20090319324	—	—
MAIL TRANSPORTATION PROCESSING	U.S.	12/478010	06/04/2009	20090313182	—	—
METHOD AND SYSTEM FOR CREATING AN ADDRESS BLOCK MOVE UPDATE BARCODE	U.S.	12/546152	08/24/2009	20110047100	—	—

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ITEM WORKFLOW TRACKING IN AN AUTOMATED PRODUCTION ENVIRONMENT	U.S.	12/572764	10/02/2009	20100106282	—	—
METHOD AND SYSTEM FOR TRIGGERING AN AUTOMATED MAILER RESPONSE ACTION	U.S.	12/578961	10/14/2009	20100100436	—	—
LINEAR IMAGE LIFT ARRAY FOR TRANSPORTED MATERIAL	U.S.	12/579039	10/14/2009	20100092029	—	—
METHOD AND SYSTEM FOR APPLYING A POSTAL AUTHORITY BARCODE ON A DOCUMENT PROCESSING SYSTEM	U.S.	12/604781	10/23/2009	20100106290	—	—
METHOD AND SYSTEM TO RUN MULTIPLE SORT SCHEMES WITHOUT INTERRUPTING SORTING OPERATIONS	U.S.	12/608603	10/29/2009	20100114364	—	—
SYSTEM AND METHOD FOR TRACKING A MAIL ITEM THROUGH A DOCUMENT PROCESSING SYSTEM	U.S.	12/466713	05/15/2009			
AUTOMATIC FEEDER CONTROL SETUP BASED ON CLIENT MAILSTREAM	U.S.	12/581523	10/19/2009			
CREASE ROLLER APPARATUSES AND METHODS FOR USING SAME	U.S.	11/546555	10/12/2006	20080090713	7662080	02/16/2010
METHOD AND DEVICE FOR CONTROLLING ENVELOPE FLAP DURING INSERTION	U.S.	10/823787	04/14/2004	20050050862	7389624	06/24/2008
METHOD AND SYSTEM FOR SIMULTANEOUSLY PROCESSING LETTERS AND FLAT MAIL	U.S.	12/534485	08/03/2009	20110029126	—	—
APPARATUS, METHOD AND PROGRAM PRODUCT FOR PROCESSING MAIL OR DOCUMENTS USING A MAIL OR DOCUMENT PROCESSING DEVICE	U.S.	11/081847	03/17/2005	20050216118	7745754	06/29/2010
SHEET FEEDER APPARATUS AND METHOD WITH THROUGHPUT CONTROL	U.S.	10/683254	10/10/2003	20040056410	7168700	01/30/2007
DOCUMENT PROFILE DETECTION	U.S.	12/640445	12/17/2009	20100161111	—	—
VERIFICATION SYSTEM AND METHOD IN A DOCUMENT PROCESSING ENVIRONMENT	U.S.	12/861257	08/23/2010	20100315692	—	—

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VERIFICATION SYSTEM AND METHOD IN A DOCUMENT PROCESSING ENVIRONMENT	U.S.	12/985670	01/06/2011	20110098847	—	—
VERIFICATION SYSTEM AND METHOD IN A DOCUMENT PROCESSING ENVIRONMENT	U.S.	13/080198	04/05/2011			
SYSTEMS AND METHODS FOR CONTROLLING ACTUATOR FORCE AS A CONTROLLABLE REPLACEMENT FOR A COMMON SPRING IN SHEET ARTICLE...	U.S.	12/712310	2/25/2010			
FAILURE RECOVERY MECHANISM FOR ERRORS DETECTED IN A MAIL PROCESSING FACILITY	U.S.	12/726601	3/18/2010			
METHOD AND SYSTEM FOR SPLIT MEDIUM MAIL SOLUTION FOR CUSTOMER COMMUNICATIONS	U.S.	12/703608	2/10/2010			
MAILPIECE WITH PERSONALIZED COMMUNICATION AND RETURN SLIP AND RELATED METHOD UTILIZING WRAPPER SYSTEM	U.S.	12/702696	2/9/2010			
METHOD AND SYSTEM FOR IN-LINE ADDRESS QUALITY AND MAIL PREPARATION ON AN INDICIA PRINTING SYSTEM	U.S.	12/775731	05/07/2010	20100293111	—	—
SYSTEM AND METHOD FOR CONTINUOUS SORTING OPERATION IN A MULTIPLE SORTER ENVIRONMENT	U.S.	12/716644	03/03/2010	20100228387	—	—
METHOD AND SYSTEM FOR REFERENCING A SPECIFIC MAIL TARGET FOR ENHANCED MAIL OWNER CUSTOMER INTELLIGENCE	U.S.	12/882755	09/15/2010	20110066281	—	—
METHOD AND SYSTEM FOR MAIL SECURITY AND TRACEABILITY	U.S.	10/007690	12/04/2001	20030102374	7325732	02/05/2008
ARTICLE OF MANUFACTURE FOR USAGE AS AN INTEGRATED BIDIRECTIONAL MAILPIECE AND METHOD OF MANUFACTURING INTEGRATED BIDIRECTIONAL MAILPIECES	U.S.	12/642539	12/18/2009	20110121063		

Title	Country	Application No.	Filing Date	Publication No.	Patent No.	Issue Date
METHOD AND SYSTEM TO MANUFACTURE AN INTEGRATED RETURN MAILPIECE ON WRAPPING DOCUMENT PROCESSING SYSTEM	U.S.	12/642258	12/18/2009	20110121064		
METHOD AND SYSTEM FOR TRACKING MAIL ITEMS DURING PROCESSING	U.S.	12/781412	05/17/2010	20100292833		

SCHEDULE B

FOREIGN PATENTS AND FOREIGN PATENT APPLICATIONS

Title	Country	Application No.	Filing Date	Publication No.	Patent No.	Issue Date
BELT-DRIVEN DOCUMENT ACCUMULATOR HAVING BELT-DAMPENING TABLE AND SIDE GUIDES	DE	96936603.8	10/18/1996	—	69611625	01/17/2001
SLIDABLE, LOWERABLE, AND REMOVABLE BIN TRAY	DE	93920205.7	08/18/1993	—	69321594	10/14/1998
SYSTEME, VERFAHREN UND COMPUTERPROGRAMMPRODUKTE FÜR DAS ÜBERWACHEN UND STEUERN VON POSTBEARBEITUNGSVORRICHTUNGEN	DE	19991082796	01/27/1999	19982796.6		
INSERTING APPARATUS AND METHOD WITH CONTROLLED, MASTER CYCLE SPEED-DEPENDENT ACTUATOR OPERATIONS	EP	02725806.0	04/25/2002	—	EP 1395491	11/24/2010
METHOD AND APPARATUS FOR ASSEMBLING A STACK OF SHEET ARTICLES FROM MULTIPLE INPUT PATHS	EP	03250809.5	02/07/2003	—	EP 1334937	05/24/2006
TURNOVER-SEQUENCER STAGING APPARATUS AND METHOD	EP	95942402.9	11/06/1995	—	EP 0789664	
APPARATUS AND METHOD FOR COLLECTING FLAT AND LETTER UNITS	EP	02019386.8	08/29/2002	—	EP 1288153	
RIGHT ANGLE STAGER APPARATUS AND METHOD	EP	00992518.1	11/16/2000	—	EP 1252080	11/02/2006
BELT-DRIVEN DOCUMENT ACCUMULATOR HAVING BELT-DAMPENING TABLE AND SIDE GUIDES	EP	96936603.8	10/18/1996	—	EP 0928279	01/17/2001
SLIDABLE, LOWERABLE, AND REMOVABLE BIN TRAY	EP	93920205.7	08/18/1993	—	EP 0656866	10/14/1998
ITEM WORKFLOW TRACKING IN AN AUTOMATED PRODUCTION ENVIRONMENT	EP	09013365.3	10/22/2009	2180441	—	—
SYSTEM AND METHOD FOR MONITORING GROUPED RESOURCES	EP	03251253.5	02/28/2003	—	EP 1340625	11/24/2010

Title	Country	Application No.	Filing Date	Publication No.	Patent No.	Issue Date
SHEET ACCUMULATOR SYSTEMS AND METHODS	EP	03250918.4	02/14/2003	—	EP 1338541	01/20/2010
NON-MARKING ACCUMULATOR AND RELATED METHOD	EP	03250860.8	02/12/2003	—	EP 1334934	01/07/2009
DOCUMENT HANDLING APPARATUS WITH DYNAMIC INFEED MECHANISM AND RELATED METHOD	EP	03250861.6	02/12/2003	—	EP 1334935	04/07/2010
MAIL TRAY MANAGEMENT SYSTEM	EP	08014142.7	06/18/2003	EP 1985380	—	—
ENVELOPE TRANSPORT AND INSERTION MACHINE	EP	04252146.8	04/13/2004	EP 1468841	—	—
GRIPPING ELEMENT FOR CONTINUOUS MOTION INSERTING FINGER	EP	04252147.6	04/13/2004	EP 1473174	—	—
ACCUMULATOR APPARATUS NON-MARKING PUSHER SYSTEM	EP	05017902.7	08/17/2005	—	EP 1637489	02/17/2010
MAIL PIECE CONSOLIDATION AND ACCOUNTABILITY USING ADVANCED TRACKING METHODS	EP	05025368.1	11/21/2005	EP 1659541	—	—
APPARATUS FOR ASSEMBLY OF DOCUMENT SETS INTO A SINGLE COLLATED PACKET	EP	06018903.2	09/08/2006	—	EP 1770042	—
QUEUED ERROR RECONCILIATION	EP	07000131.8	01/04/2007	EP 1814005	—	—
WEB-BASED METHOD FOR ACCESSING LICENSED PRODUCTS AND FEATURES	EP	07007617.9	04/13/2007	EP 1845471	—	—
SYSTEM AND METHODS FOR MAINTAINING THE DENSITY OF GROUPED SHEET ARTICLES	EP	07017894.2	09/12/2007	—	EP 1911703	11/03/2010
APPARATUSES AND METHODS FOR VARIABLY OPENING ENVELOPES	EP	07017897.5	09/12/2007	EP 1911602	—	—
APPARATUS AND METHODS FOR STAGING AND PROCESSING DOCUMENTS	EP	07017896.7	09/12/2007	—	EP 1911710	07/28/2010
BROWSER BASED USER INTERFACE FOR DYNAMIC INTERACTION AND CONTROL WITHIN A MAIL PROCESSING ENVIRONMENT	EP	07007646.8	04/13/2007	EP 1845675	—	—

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PHYSICAL DELIVERY LOCATION VALIDATION FOR ENHANCING MAILSTREAM COMPOSITION	EP	07020043.1	10/12/2007	EP 1912177	—	—
SYSTEM AND METHOD FOR GAP LENGTH MEASUREMENT AND CONTROL	EP	08003598.3	02/27/2008	EP 1964802	—	—
DOCUMENT PROCESSING SYSTEM CONTROL USING DOCUMENT FEATURE ANALYSIS FOR IDENTIFICATION	EP	08008025.2	04/25/2008	EP 1986160	—	—
CENTRALIZED PRODUCTION MANAGEMENT FOR MEASURING MAIL INDUSTRY PROCESSING PERFORMANCE	EP	08015655.7	09/04/2008	EP 2034430	—	—
METHOD AND PROGRAMMABLE PRODUCT FOR UNIQUE DOCUMENT IDENTIFICATION USING STOCK AND CONTENT	EP	08008024.5	04/25/2008	EP 1986131	—	—
METHOD AND SYSTEM FOR GENERATING A PLURALITY OF MAIL SORT SCHEMES	EP	08022304.3	12/22/2008	EP 2072152	—	—
AUTOMATIC FEEDER CONTROL SYSTEM TO ACCOUNT FOR INPUT VARIATIONS	EP	09006464.3	05/13/2009	EP 2119651	—	—
INSERT HOPPER	EP	01918610.5	03/13/2001	—	EP 1272415	05/12/2010
OVER THE RACEWAY DIVERT DEVICE, SYSTEM AND METHOD FOR DIVERTING SUSPECT DOCUMENTS	EP	05019488.5	09/07/2005	—	EP 1676647	05/12/2010
FEEDER CONTROL SYSTEM AND METHOD	EP	04761702.2	08/27/2004	EP 1661065	—	—
FEEDER CONTROL SYSTEM	EP	09008765.1	08/27/2004	EP 2101286	—	—
SLIDABLE, LOWERABLE, AND REMOVABLE BIN TRAY	FR	93920205.7	08/18/1993	—	EP 0656866	10/14/1998
TRACKING SYSTEM METHOD AND COMPUTER PROGRAM PRODUCT FOR DOCUMENT PROCESSING	GB	GB0104741.4	08/25/1999	—	GB2357608	06/24/2003
TRACKING SYSTEM METHOD AND COMPUTER PROGRAM PRODUCT FOR DOCUMENT PROCESSING	GB	GB0104741.4	08/25/1999	—	GB2357608	06/24/2003

Title	Country	Application No.	Filing Date	Publication No.	Patent No.	Issue Date
COLLECTOR APPARATUS AND METHOD	GB	GB9911319.3	08/26/1997	—	GB2334023	05/01/2001
BELT-DRIVEN DOCUMENT ACCUMULATOR HAVING BELT-DAMPENING TABLE AND SIDE GUIDES	GB	96936603.8	10/18/1996	—	EP 0928279	01/17/2001
SLIDABLE, LOWERABLE, AND REMOVABLE BIN TRAY	GB	93920205.7	08/18/1993	—	EP 0656866	10/14/1998
SYSTEMS, METHODS AND COMPUTER PROGRAM PRODUCTS FOR MONITORING AND CONTROLLING MAIL PROCESSING DEVICES	GB	GB0018642.9	01/27/1999	—	GB2348993	05/20/2003
SYSTEMS, METHODS AND COMPUTER PROGRAM PRODUCTS FOR MONITORING AND CONTROLLING MAIL PROCESSING DEVICES	GB	GB0018642.9	01/27/1999	—	GB2348993	05/20/2003
SYSTEMS, METHODS AND COMPUTER PROGRAM PRODUCTS FOR MONITORING AND CONTROLLING MAIL PROCESSING DEVICES	GB	GB0018642.9	01/27/1999	—	GB2348993	05/20/2003
SLIDABLE, LOWERABLE, AND REMOVABLE BIN TRAY	IT	93920205.7	08/18/1993	—	EP 0656866	10/14/1998
PHASE ADJUSTMENT APPARATUS FOR INSERTION MACHINE	JP	1993-0512423	11/15/1993	7504148		
TURNOVER-SEQUENCER STAGING APPARATUS AND METHOD	JP	51547496				
MULTIPLE PRINT STREAM MANAGEMENT SYSTEM, AND METHOD, PROGRAM PRODUCT AND COMPUTER CONTROL SYSTEM FOR COLLATING AND TRACKING DOCUMENT PORTION	JP	20030194577	07/09/2003	2004164581		
INSERTING APPARATUS AND METHOD WITH CONTROLLED, MASTER CYCLE SPEED-DEPENDENT ACTUATOR OPERATIONS	JP	20020585282	04/25/2002	4177117		
SHEET FEED DEVICE	JP	19980048571	02/16/1998	10212041		
ROLLER-ACCUMULATOR FOR SHEETS	JP	19920240107	08/18/1992	5246601		

Title	Country	Application No.	Filing Date	Publication No.	Patent No.	Issue Date
TURNOVER-SEQUENCER STAGING APPARATUS AND METHOD	JP	19950515474	11/06/1995	10508568		
SHEET FEEDER	JP	19960196950	07/09/1996	9002683		
SHEET FEEDER	JP	19910122998	04/26/1991	2693653		
SLIDABLE, LOWERABLE, AND REMOVABLE BIN TRAY	JP	19930507235	08/18/1993	8500809		
RETRACTABLE-RAMP ACCUMULATOR AND METHOD	JP	19930506522	08/18/1993	8500807		
PRE-FEED SHINGLING DEVICE FOR FLAT-ARTICLE FEEDER	JP	19930505639	08/18/1993	8500568		
PHASE ADJUSTMENT APPARATUS FOR INSERTION MACHINE	JP	19930512423	11/15/1993	7504148		
SEGMENTED TRANSPORT SECTION HAVING ACCELERATED TAKE-AWAY BELTS	JP	19940507237	08/18/1993	8500571		
ARTICULATED DOCUMENT FEEDER	JP	19930514336	02/16/1993	7505110		
GRIPPER ARM	DE					
WEB-BASED METHOD FOR ACCESSING LICENSED PRODUCTS AND FEATURES	CA	2584382	04/11/2007	2584382		
CAMERA BASED INK APPLICATION VERIFICATION	EP	08021084.2	12/04/2008	EP2067629	—	—
METHOD OF AUTHENTICATING AND SORTING BALLOT RETURN MAIL ITEMS	EP	08728048.3	01/22/2008	EP2109508		
INTEGRATED RETURN MAIL-PIECE AND METHOD AND SYSTEM TO MANUFACTURE IT IN A WRAPPING DOCUMENT PROCESSING	EP	10155065.5	03/01/2010	EP2327563		
DEVICE FOR CONTROLLING ENVELOPE FLAP DURING INSERTION	EP	04252145.0	04/13/2004		EP1468840	08/25/2010
DEVICE AND METHOD FOR SORTING OUT MAIL	JP	1991296376	10/16/1991	4265183		
ROTARY TYPE ENVELOPE LID CLOSING MACHINE	JP	19910353041	12/18/1991			