

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3000173

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST

CONVEYING PARTY DATA

Name	Execution Date
JPMORGAN CHASE BANK	12/04/2006

RECEIVING PARTY DATA

Name:	XEROX CORPORATION
Street Address:	100 CLINTON AVENUE, SOUTH
Internal Address:	MS XRX2-20A
City:	ROCHESTER
State/Country:	NEW YORK
Postal Code:	14644

PROPERTY NUMBERS Total: 15

Property Type	Number
Patent Number:	6652959
Patent Number:	6651218
Patent Number:	6608700
Patent Number:	6606420
Patent Number:	6597473
Patent Number:	6606395
Patent Number:	6608932
Patent Number:	6585163
Patent Number:	6582138
Patent Number:	6604875
Patent Number:	6600895
Application Number:	10612250
Application Number:	10612057
Application Number:	10612234
Application Number:	10612461

CORRESPONDENCE DATA

Fax Number: (503)685-4223

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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PATENT

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Correspondent Name: RAE HUGHES
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Address Line 4: ROCHESTER, NEW YORK 14644

ATTORNEY DOCKET NUMBER: 015722-1

NAME OF SUBMITTER: RAE J HUGHES

SIGNATURE: /Rae J Hughes/

DATE SIGNED: 08/27/2014

This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 19

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RELEASE OF LIEN IN PATENTS

This RELEASE OF LIEN IN PATENTS, dated as of this th 4 day of December, 2006, is made by JPMORGAN CHASE BANK, N.A., a New York banking corporation located at 270 Park Avenue, 4th Floor, New York, New York 10017, as Administrative Agent, Collateral Agent and LC Issuing Bank ("Assignor") is in favor of XEROX CORPORATION, a New York corporation, located at 800 Long Ridge Road, P.O. Box 1600 Stanford Ct. 06904 ("Assignee"). Capitalized terms as used in this RELEASE OF LIEN IN PATENTS, but not defined, herein have the meanings set forth in the Security Agreement (as defined below).

WHEREAS, Assignee, the Overseas Borrowers, the Lenders, Assignor, DEUTSCHE BANK SECURITIES INC., as Syndication Agent and CITICORP NORTH AMERICA, INC., MERRILL LYNCH, PIERCE, FENNER & SMITH INCORPORATED and UBS SECURITIES LLC, as Co-Documentation Agents, are parties to a Credit Agreement, dated as of June 19, 2003 (as amended from time to time, the "Credit Agreement"); and

WHEREAS, Assignee secured certain of its obligations (the "Secured Obligations") by granting to the Assignor for the benefit of the Secured Parties, a continuing security interest in and to personal property of the Assignee, including all right, title, and interest of the Assignee in and to the Patent Collateral (as defined below) pursuant to (i) a Guarantee and Security Agreement dated as of June 25, 2003 (as amended and/or supplemented from time to time, the "Security Agreement") among Assignor, and the Subsidiary Guarantors party thereto and (ii) certain other Security Documents (as defined in the Credit Agreement) to which Assignor and Assignee are party, including:

a Patent Security Agreement, dated as of June 25, 2003 and recorded in the U.S. Patent and Trademark Office on October 31, 2003 at Reel 15134/Frame 476;

a Patent Security Agreement, dated as of June 25, 2003 and recorded in the U.S. Patent and Trademark Office on August 31, 2004 at Reel 15722/Frame 119; and

a Patent Security Agreement, dated as of June 25, 2003 and recorded in the U.S. Patent and Trademark Office on June 30, 2005 at Reel 16761/Frame 158

(collectively, the "Patent Security Agreement"); and

WHEREAS, the Secured Obligations have been paid and performed in full, and the requirements of the Credit Agreement for discharge of the liens in the Patent Collateral have been satisfied.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Assignor hereby releases its continuing security interest in and to all of the Assignee's right, title and interest in, to,

and under the following (all of the following items or types of property being herein collectively referred to as the "Patent Collateral"):

- (i) each Patent owned by the Assignee, including, without limitation, each Patent referred to in Schedule 1 hereto;
- (ii) each Patent License to which the Assignee is a party; and
- (iii) all proceeds of and revenues from the foregoing, including, without limitation, all proceeds of and revenues from any claim by the Assignee against third parties for past, present or future infringement of any Patent owned by the Assignee (including, without limitation, any Patent identified in Schedule 1 hereto).

The Assignee hereby revokes and cancels any and all appointments of Assignor as its attorney-in-fact, made pursuant to the Security Agreements, Patent Security Agreement and/or other Security Documents.

This RELEASE OF LIEN IN PATENTS shall be construed in accordance with and governed by the laws of the State of New York, except as otherwise required by mandatory provisions of law.

IN WITNESS WHEREOF, the Assignor has caused this RELEASE OF LIEN IN PATENTS to be duly executed by its officer thereunto duly authorized as of the date first above written.

JPMORGAN CHASE BANK, N.A., as Collateral Agent

By: _____

Name: PETER M. LING
Title: MANAGING DIRECTOR

SCHEDULE 1 TO
RELEASE OF LIEN IN PATENTS

See Attached

FILE NUMBER	PATENT NUMBER	FILE DATE	ISSUE DATE	EXPIRATION DATE	TITLE
A1037Q	6592866	8/31/2001	6/24/2003	8/31/2021	TONER WITH INCREASED SURFACE ADDITIVE ADHESION AND OPTIMIZED COHESION BETWEEN PARTICLES
A1037QD	6599573	12/17/2002	7/29/2003	8/31/2021	PROCESS FOR MAKING AN IMPROVED TONER WITH INCREASED SURFACE ADDITIVE ADHESION AND OPTIMIZED COHESION BETWEEN PARTICLES AND TONER MADE USING THE IMPROVED PROCESS
A0685	6603261	8/31/2001	8/5/2003	8/31/2021	HIGH MECHANICAL ADVANTAGE RATCHETING APPARATUS
A1226	6651522	9/5/2001	11/25/2003	9/5/2021	GEAR ALIGNMENT
A0883	8598450	9/10/2001	7/22/2003	9/10/2021	CHARGE TRANSPORT COMPONENTS
99733	6676106	12/28/2000	1/13/2004	9/15/2021	FLAP STRUCTURE FOR ELECTROSTATIC OR MAGNETIC APPLICATIONS AND METHOD FOR MAKING SAME
A0456	6706315	9/17/2001	3/16/2004	9/17/2021	COATING PROCESS FOR COATING DIE WITH LASER POSITION SENSORS
A0A36	6708894	6/26/2001	3/23/2004	9/20/2021	METHOD FOR INVISIBLE EMBEDDED DATA USING YELLOW GLYPHS
A0025	6683891	11/29/2000	6/24/2003	9/22/2021	SYSTEMS AND METHODS OF ESTIMATING SHEET SUPPLIES IN A PRINTING SYSTEM
99034	6631977	7/25/2001	10/14/2003	9/22/2021	LASER ABLATABLE HYDROPHOBIC FLUORINE-CONTAINING GRAFT COPOLYMERS
A0972	6685297	9/24/2001	2/3/2004	9/24/2021	PRINT HEAD ALIGNMENT METHOD, TEST PATTERN USED IN THE METHOD, AND A SYSTEM THEREOF
99674Q2D	6652959	1/11/2002	11/25/2003	9/27/2021	MARKING PARTICLES
A0881	6605404	9/28/2001	8/12/2003	9/28/2021	COATED CARRIERS
A0595	6647036	12/6/2000	11/11/2003	10/22/2021	INTEGRATION AND ALIGNMENT OF VCSEL'S WITH MEMS USING MICROMACHINING AND FLIP-CHIP TECHNIQUES
A1522	6605914	8/24/2001	8/12/2003	10/8/2021	ROBOTIC TOY MODULAR SYSTEM
A1305	6640061	10/11/2001	10/28/2003	10/11/2021	SENSING SYSTEM FOR DETECTING A FULL CONDITION WITHIN A WASTE DEVELOPER SYSTEM
A0046	6678677	12/19/2000	1/13/2004	10/22/2021	APPARATUS AND METHOD FOR INFORMATION RETRIEVAL USING SELF-APPENDING SEMANTIC LATTICE
A0B08	6646248	4/24/2001	11/11/2003	10/23/2021	PHOTOSENSITIVE IMAGING SYSTEM SENSITIVE TO ORANGE LIGHT
A0A93	6705469	10/31/2001	3/16/2004	10/31/2021	ONE-PIECE FOLDABLE PROTECTIVE SHIPPING CONTAINER/INSERT
99680Q	6600888	11/2/2001	7/29/2003	11/2/2021	LIQUID CHARGING METHOD AND APPARATUS
A0464	6647391	7/11/2000	11/11/2003	11/12/2021	SYSTEM METHOD AND ARTICLE OF MANUFACTURE FOR FAST MAPPING FROM A PROPERTIED DOCUMENT MANAGEMENT SYSTEM TO A RELATIONAL DATABASE
A1263	6618418	11/15/2001	9/9/2003	11/15/2021	DUAL III-V NITRIDE LASER STRUCTURE WITH REDUCED THERMAL CROSS-TALK
A1233	6603945	11/16/2001	8/5/2003	11/16/2021	DUPLEXSIMPLEX PRINTER
99640	6654743	11/13/2000	11/25/2003	11/18/2021	ROBUST CLUSTERING OF WEB DOCUMENTS

PATENT
REEL: 015722 FRAME: 0146

PATENT
REEL: 033645 FRAME: 0956

FILE NUMBER	PATENT NUMBER	FILE DATE	ISSUE DATE	EXPIRATION DATE	TITLE
98097Q1	6654056	12/15/1998	11/25/2003	12/15/2018	GEOMETRIC CONFIGURATIONS FOR PHOTOSITES FOR REDUCING MORE PATTERNS
98592QD	6603575	1/16/2002	8/5/2003	12/18/2018	SYSTEM AND APPARATUS FOR SINGLE SUBPIXEL ELIMINATION WITH LOCAL ERROR COMPENSATION IN A HIGH ADDRESSABLE ERROR DIFFUSION PROCESS
98625	6715127	12/18/1998	3/30/2004	12/18/2018	SYSTEM AND METHOD FOR PROVIDING EDITING CONTROLS BASED ON FEATURES OF A RASTER IMAGE
98775Q1	6651218	12/22/1998	11/18/2003	12/22/2018	DYNAMIC CONTENT DATABASE FOR MULTIPLE DOCUMENT GENRES
98775	6675355	12/22/1998	1/6/2004	12/22/2018	DISTRIBUTED DOCUMENT-BASED CALENDARING SYSTEM
98231	6591020	12/23/1998	7/8/2003	12/23/2018	ANTIALIASED HIGH-RESOLUTION FRAME BUFFER ARCHITECTURE
98624	6591060	12/23/1998	7/8/2003	12/23/2018	METHOD AND SYSTEMS FOR ENCODING COMMAND SIGNALS IN A VIDEO SIGNAL WITH A VIDEO RECORDER
98504D	6609708	3/28/2002	8/26/2003	12/23/2018	VACUUM CORRUGATION SHUTTLE FEED DEVICE FOR HIGH CAPACITY FEEDER
98047D	6644765	9/19/2001	11/11/2003	12/26/2018	SOLID BI-LAYER STRUCTURES FOR USE WITH HIGH VISCOSITY INKS IN ACOUSTIC INK PRINTING AND METHODS OF FABRICATION
98213	6643032	12/28/1998	1/14/2003	12/28/2018	MARKING ENGINE AND METHOD TO OPTIMIZE TONE LEVELS IN A DIGITAL OUTPUT SYSTEM
PX988005	6887876	12/30/1998	2/3/2004	12/30/2018	METHOD AND SYSTEM FOR MAINTAINING FREEFORM INK ANNOTATIONS ON CHANGING VIEWS
98796Q2II	6594406	12/31/1998	7/15/2003	12/31/2018	MULTI-LEVEL SELECTION METHODS AND APPARATUS USING CONTEXT IDENTIFICATION FOR EMBEDDED DATA GRAPHICAL USER INTERFACES
98198Q2	6598054	10/19/1999	7/22/2003	1/26/2019	SYSTEM AND METHOD FOR CLUSTERING DATA OBJECTS IN A COLLECTION
97551	6594403	1/29/1999	7/15/2003	1/29/2019	SYSTEMS AND METHODS FOR REGISTERING SCANNED DOCUMENTS
98119	6686672	10/30/1998	12/16/2003	2/4/2019	TRANSACTION/OBJECT ACCOUNTING METHOD AND SYSTEM
96256	6583888	2/26/1999	6/24/2003	2/26/2019	SYSTEM FOR MANAGING SERVICE ACCESS IN A MULTIFUNCTIONAL PRINTING SYSTEM
R98017C	6501102	4/1/2002	7/29/2003	3/16/2019	SECURE TOKEN-BASED DOCUMENT SERVER
98228	6647535	3/18/1999	1/11/12003	3/18/2019	METHODS AND SYSTEMS FOR REAL-TIME STORYBOARDING WITH A WEB PAGE AND GRAPHICAL USER INTERFACE FOR AUTOMATIC VIDEO PARSING AND BROWSING
97090	6657742	11/24/1997	12/2/2003	3/29/2019	SYSTEM FOR PRINTING FACSIMILE JOBS WITH A PROPERTY PROFILE
98191QD	6662448	5/23/2001	12/16/2003	4/29/2019	METHOD OF FABRICATING A MICRO-ELECTRO-MECHANICAL FLUID EJECTOR
99273	6681369	5/5/1999	1/20/2004	5/5/2019	SYSTEM FOR PROVIDING DOCUMENT CHANGE INFORMATION FOR A COMMUNITY OF USERS

PATENT
REEL: 015722 FRAME: 0178

PATENT
REEL: 033645 FRAME: 0957

FILE NUMBER	PATENT NUMBER	FILE DATE	ISSUE DATE	EXPIRATION DATE	TITLE
98472	6631215	11/23/1999	10/7/2003	11/23/2019	METHOD AND APPARATUS FOR IMPLEMENTING INTEGRATED CAVITY EFFECT CORRECTION IN SCANNERS
98666	6563897	11/24/1999	6/24/2003	11/24/2019	NON-LOCAL APPROACH TO RESOLUTION ENHANCEMENT
99207	6606700	11/24/1999	8/19/2003	11/24/2019	REMOVAL OF ERROR DIFFUSION ARTIFACTS WITH ALTERNATING DISTRIBUTION WEIGHTS
99322	6628306	11/24/1999	9/30/2003	11/24/2019	E-MAIL APPLICATIONS OPTION TO CC: SECONDARY RECIPIENTS WITHOUT ATTACHMENTS
98188	6628843	11/24/1999	9/30/2003	11/24/2019	IMAGE ENHANCEMENT ON JPEG COMPRESSED IMAGE DATA
99256	6643035	11/24/1999	11/4/2003	11/24/2019	METHOD AND APPARATUS FOR MEASURING SCANNER REGISTRATION
9905201	6697473	11/29/1999	7/22/2003	11/29/2019	METHOD TO OBTAIN CONSISTENT IMAGE QUALITY MEASUREMENTS FROM DIFFERENT IMAGE INPUT DEVICES
9905202	6606395	11/29/1999	8/12/2003	11/29/2019	METHOD TO ALLOW AUTOMATED IMAGE QUALITY ANALYSIS OF ARBITRARY TEST PATTERN
9905204	6608932	11/29/1999	8/19/2003	11/29/2019	OUTLINE FONT FOR ANALYTICAL ASSESSMENT OF PRINTED TEXT QUALITY
99390	6614542	11/29/1999	9/2/2003	11/29/2019	METHOD AND APPARATUS TO IMPROVE SYSTEM CONCURRENCY FOR A JOB USING A SET OF COMMONLY SHARED RESOURCES SUCH THAT A SPECIFIC RESOURCE IS USED ONLY FOR A PORTION OF THE JOB
99323	6646657	11/29/1999	11/1/2003	11/29/2019	SYSTEMS AND METHODS FOR PROCESSING DATA
98391	6651081	11/29/1999	11/18/2003	11/29/2019	METHOD AND APPARATUS FOR PROCESSING A HIGH PRIORITY RESOURCE REQUEST IN A SYSTEM USING A SET OF SHARED RESOURCES
99393	6671065	11/29/1999	12/30/2003	11/29/2019	METHOD AND APPARATUS TO OPTIMIZE TRANSITION OF RESOURCES FROM A LOWER PRIORITY TO A HIGHER PRIORITY JOB
98634	6636616	11/30/1999	10/23/2003	11/30/2019	METHOD AND APPARATUS FOR DIGITAL WATERMARKING USING ERROR DIFFUSION
99752	6704120	12/1/1999	3/9/2004	12/1/2019	PRODUCT TEMPLATE FOR A PERSONALIZED PRINTED PRODUCT INCORPORATING IMAGE PROCESSING OPERATIONS
995770	6714319	12/3/1999	3/30/2004	12/3/2019	ONLINE PIECEWISE HOMEOMORPHISM MODEL PREDICTION CONTROL AND CALIBRATION SYSTEM FOR A DYNAMICALLY VARYING COLOR MARKING DEVICE
9980403	6628447	12/6/1999	9/30/2003	12/6/2019	ARRAY OF ROTATABLE SOLID ELEMENTS FOR COLOR DISPLAY
9870401	6678426	12/6/1999	1/13/2004	12/6/2019	METHOD AND APPARATUS FOR DECODING ANGULAR ORIENTATION OF LATTICE CODES
99087	6625306	12/7/1999	9/23/2003	12/7/2019	COLOR GAMUT MAPPING FOR ACCURATELY MAPPING CERTAIN CRITICAL COLORS AND CORRESPONDING TRANSFORMING OF NEARBY COLORS FOR ENHANCING GLOBAL SMOOTHNESS
99735	6587227	12/9/1999	7/1/2003	12/9/2019	COPIER HAVING CONTOURED TRACK GUIDES

PATENT
REEL: 015722 FRAME: 0181

PATENT
REEL: 033645 FRAME: 0958

FILE NUMBER	PATENT NUMBER	FILE DATE	ISSUE DATE	EXPIRATION DATE	TITLE
98324	6641051	9/24/1999	11/4/2003	9/24/2019	SYSTEM FOR EMBEDDED DIGITAL DATA THAT ALLOWS EMBEDDING OF DATA AROUND KNOWN OBSTRUCTIONS
99399	6671737	9/24/1999	12/30/2003	9/24/2019	DECENTRALIZED NETWORK SYSTEM
991080	6620476	8/31/1999	9/16/2003	9/27/2019	NONBLEEDING FLUORINATED CARBON AND ZINC OXIDE FILLED LAYER FOR BIAS CHARGING MEMBER
98725	6560672	9/29/1999	7/8/2003	9/29/2019	MANAGING POORLY COMPRESSIBLE IMAGES IN A RESOURCE LIMITED SYSTEM
99493	6621593	10/1/1999	9/16/2003	10/1/2019	SCAN LINE NON-LINEARITY CORRECTION USING AN ASPHERIC ELEMENT IN A ROS SYSTEM
99240	6679496	10/1/1999	1/13/2004	10/1/2019	EPOXY SILANE CURED FLUOROPOLYMERS
98487	6636714	12/1/1998	10/21/2003	10/18/2019	ROLL HAVING RELIEVED EDGES FOR LOW STRESS BELT TRACKING FOR BELT LOOPS
98480	6594401	10/20/1999	7/15/2003	10/20/2019	DETECTION AND ELIMINATION OF SCANNING ARTIFACTS
98432	5671071	10/20/1999	12/30/2003	10/20/2019	THRESHOLD BIAS CIRCUITS FOR ENHANCED COLOR ERROR DIFFUSION
98721	6606420	10/25/1999	8/12/2003	10/25/2019	METHOD AND APPARATUS FOR DIGITAL IMAGE DARKNESS CONTROL IN SATURATED IMAGE STRUCTURES
98489	6647533	10/25/1999	11/11/2003	10/25/2019	INCREMENTAL ALGORITHMS FOR OPTIMAL LINEBREAKING IN TEXT LAYOUT
99350	6590586	10/28/1999	7/8/2003	10/28/2019	USER INTERFACE FOR A BROWSER BASED IMAGE STORAGE AND PROCESSING SYSTEM
99707	6593557	10/28/1999	7/15/2003	10/28/2019	REDUCTION OF LINE NOISE APPEARANCE IN LARGE AREA IMAGE SENSORS
9818203	6652691	10/28/1999	11/26/2003	10/28/2019	SEAM STRESS RELEASE AND PROTRUSION ELIMINATION PROCESS
99086	6654143	10/28/1999	11/26/2003	10/28/2019	PRINTER CHARACTERIZATION ADJUSTMENT FOR DIFFERENT PAPERS
98753	6587221	10/29/1999	7/1/2003	10/29/2019	SCANNING DEVICE AND METHOD
99089	6608928	11/3/1999	8/19/2003	11/3/2019	GENERIC PRE-PROCESSING OF MIXED RASTER CONTENT PLANES
99729	6646762	11/5/1999	11/11/2003	11/5/2019	GAMUT MAPPING PRESERVING LOCAL LUMINANCE DIFFERENCES
99656	6622246	11/21/1999	9/16/2003	11/12/2019	METHOD AND APPARATUS FOR BOOTING AND UPGRADING FIRMWARE
99746	6640010	11/21/1999	10/28/2003	11/12/2019	WORD-TO-WORD SELECTION ON IMAGES
99618	6704722	11/17/1999	3/9/2004	11/17/2019	SYSTEMS AND METHODS FOR PERFORMING CRAWL SEARCHES AND INDEX SEARCHES
99246	6597717	11/19/1999	7/22/2003	11/19/2019	STRUCTURE AND METHOD FOR INDEX-GUIDED, INNER STRIPE LASER DIODE STRUCTURE
99381	6587233	11/22/1999	7/1/2003	11/22/2019	REMOVABLE BICOLORED PLATEN COVERS FOR IMAGE CAPTURE DEVICES
99549	6603574	11/23/1999	8/15/2003	11/23/2019	IMAGE COLOR REGISTRATION SENSOR CALIBRATION

PATENT
REEL: 015722 FRAME: 0139

PATENT
REEL: 033645 FRAME: 0959

FILE NUMBER	PATENT NUMBER	FILE DATE	ISSUE DATE	EXPIRATION DATE	TITLE
98472	6631215	11/23/1999	10/7/2003	11/23/2019	METHOD AND APPARATUS FOR IMPLEMENTING INTEGRATED CAVITY EFFECT CORRECTION IN SCANNERS
94686	6563997	11/24/1999	8/24/2003	11/24/2019	NON-LOCAL APPROACH TO RESOLUTION ENHANCEMENT
99207	6608700	11/24/1999	8/19/2003	11/24/2019	REMOVAL OF ERROR DIFFUSION ARTIFACTS WITH ALTERNATING DISTRIBUTION WEIGHTS
99322	6628306	11/24/1999	9/30/2003	11/24/2019	E-MAIL APPLICATIONS OPTION TO CC SECONDARY RECIPIENTS WITHOUT ATTACHMENTS
98168	6628843	11/24/1999	9/30/2003	11/24/2019	IMAGE ENHANCEMENT ON JPEG COMPRESSED IMAGE DATA
99256	6643035	11/24/1999	11/4/2003	11/24/2019	METHOD AND APPARATUS FOR MEASURING SCANNER REGISTRATION
995204	6697473	11/29/1999	7/22/2003	11/29/2019	METHOD TO OBTAIN CONSISTENT IMAGE QUALITY MEASUREMENTS FROM DIFFERENT IMAGE INPUT DEVICES
9905202	6606395	11/29/1999	8/12/2003	11/29/2019	METHOD TO ALLOW AUTOMATED IMAGE QUALITY ANALYSIS OF ARBITRARY TEST PATTERN
9905204	6609932	11/29/1999	8/19/2003	11/29/2019	OUTLINE FONT FOR ANALYTICAL ASSESSMENT OF PRINTED TEXT QUALITY
99390	6614542	11/29/1999	9/2/2003	11/29/2019	METHOD AND APPARATUS TO IMPROVE SYSTEM CONCURRENCY FOR A JOB USING A SET OF COMMONLY SHARED RESOURCES SUCH THAT A SPECIFIC RESOURCE IS USED ONLY FOR A PORTION OF THE JOB
99323	6646857	11/29/1999	11/11/2003	11/29/2019	SYSTEMS AND METHODS FOR PROCESSING DATA
99391	6651081	11/29/1999	11/18/2003	11/29/2019	METHOD AND APPARATUS FOR PROCESSING A HIGH PRIORITY RESOURCE REQUEST IN A SYSTEM USING A SET OF SHARED RESOURCES
99393	6671065	11/29/1999	12/30/2003	11/29/2019	METHOD AND APPARATUS TO OPTIMIZE TRANSITION OF RESOURCES FROM A LOWER PRIORITY TO A HIGHER PRIORITY JOB
98634	6638616	11/30/1999	10/21/2003	11/30/2019	METHOD AND APPARATUS FOR DIGITAL WATERMARKING USING ERROR DIFFUSION
99752	6704120	12/1/1999	3/9/2004	12/1/2019	PRODUCT TEMPLATE FOR A PERSONALIZED PRINTED PRODUCT INCORPORATING IMAGE PROCESSING OPERATIONS
996770	6714319	12/9/1999	3/30/2004	12/9/2019	ON-LINE PIECEWISE HOMEOMORPHISM MODEL PREDICTION, CONTROL AND CALIBRATION SYSTEM FOR A DYNAMICALLY VARYING COLOR MARKING DEVICE
9980403	6628447	12/6/1999	9/30/2003	12/6/2019	ARRAY OF ROTATABLE SOLID ELEMENTS FOR COLOR DISPLAY
9670401	6678425	12/6/1999	1/13/2004	12/6/2019	METHOD AND APPARATUS FOR DECODING ANGULAR ORIENTATION OF LATTICE CODES
99687	6625306	12/7/1999	9/23/2003	12/7/2019	COLOR GAMUT MAPPING FOR ACCURATELY MAPPING CERTAIN CRITICAL COLORS AND CORRESPONDING TRANSFORMING OF NEARBY COLORS FOR ENHANCING GLOBAL SMOOTHNESS
99735	6687227	12/9/1999	7/1/2003	12/9/2019	COPIER HAVING CONTOURED TRACK GUIDES

PATENT
REEL: 015722 FRAME: 0140

PATENT
REEL: 033645 FRAME: 0960

FILE NUMBER	PATENT NUMBER	FILE DATE	ISSUE DATE	EXPIRATION DATE	TITLE
98472	6631215	11/23/1999	10/7/2003	11/23/2019	METHOD AND APPARATUS FOR IMPLEMENTING INTEGRATED CAVITY EFFECT CORRECTION IN SCANNERS
94666	6683897	11/24/1999	8/24/2003	11/24/2019	NON-LOCAL APPROACH TO RESOLUTION ENHANCEMENT
99207	6608700	11/24/1999	8/19/2003	11/24/2019	REMOVAL OF ERROR DIFFUSION ARTIFACTS WITH ALTERNATING DISTRIBUTION WEIGHTS
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99256	6643035	11/24/1999	11/4/2003	11/24/2019	METHOD AND APPARATUS FOR MEASURING SCANNER REGISTRATION
99052Q1	6597473	11/29/1999	7/22/2003	11/29/2019	METHOD TO OBTAIN CONSISTENT IMAGE QUALITY MEASUREMENTS FROM DIFFERENT IMAGE INPUT DEVICES
99052Q2	6606395	11/29/1999	8/12/2003	11/29/2019	METHOD TO ALLOW AUTOMATED IMAGE QUALITY ANALYSIS OF ARBITRARY TEST PATTERN
99052Q4	6608932	11/29/1999	8/19/2003	11/29/2019	OUTLINE FONT FOR ANALYTICAL ASSESSMENT OF PRINTED TEXT QUALITY
99390	6614542	11/29/1999	9/2/2003	11/29/2019	METHOD AND APPARATUS TO IMPROVE SYSTEM CONCURRENCY FOR A JOB USING A SET OF COMMONLY SHARED RESOURCES SUCH THAT A SPECIFIC RESOURCE IS USED ONLY FOR A PORTION OF THE JOB
99323	6646657	11/29/1999	11/1/2003	11/29/2019	SYSTEMS AND METHODS FOR PROCESSING DATA
99391	6651081	11/29/1999	11/18/2003	11/29/2019	METHOD AND APPARATUS FOR PROCESSING A HIGH PRIORITY RESOURCE REQUEST IN A SYSTEM USING A SET OF SHARED RESOURCES
99393	6671065	11/29/1999	12/30/2003	11/29/2019	METHOD AND APPARATUS TO OPTIMIZE TRANSITION OF RESOURCES FROM A LOWER PRIORITY TO A HIGHER PRIORITY JOB
98634	6636616	11/30/1999	10/21/2003	11/30/2019	METHOD AND APPARATUS FOR DIGITAL WATERMARKING USING ERROR DIFFUSION
99752	6704120	12/1/1999	3/9/2004	12/1/2019	PRODUCT TEMPLATE FOR A PERSONALIZED PRINTED PRODUCT
99677Q	6714319	12/3/1999	3/30/2004	12/3/2019	INCORPORATING IMAGE PROCESSING OPERATIONS
					ON-LINE PIECEWISE HOMEOMORPHISM MODEL PREDICTION, CONTROL AND CALIBRATION SYSTEM FOR A DYNAMICALLY VARYING COLOR MARKING DEVICE
99804Q3	6628447	12/6/1999	9/30/2003	12/6/2019	ARRAY OF ROTATABLE SOLID ELEMENTS FOR COLOR DISPLAY
98704Q1	6678425	12/6/1999	1/13/2004	12/6/2019	METHOD AND APPARATUS FOR DECODING ANGULAR ORIENTATION OF LATTICE CODES
99087	6625306	12/7/1999	9/23/2003	12/7/2019	COLOR GAMUT MAPPING FOR ACCURATELY MAPPING CERTAIN CRITICAL COLORS AND CORRESPONDING TRANSFORMING OF NEARBY COLORS FOR ENHANCING GLOBAL SMOOTHNESS
99735	6687227	12/9/1999	7/1/2003	12/9/2019	COPIER HAVING CONTOURED TRACK GUIDES

PATENT

REEL: 015722 FRAME: 0140

PATENT

REEL: 033645 FRAME: 0961

FILE NUMBER	PATENT NUMBER	FILE DATE	ISSUE DATE	EXPIRATION DATE	TITLE
98472	6631215	11/23/1999	10/7/2003	11/23/2019	METHOD AND APPARATUS FOR IMPLEMENTING INTEGRATED CAVITY EFFECT CORRECTION IN SCANNERS
94866	6563997	11/24/1999	6/24/2003	11/24/2019	NON-LOCAL APPROACH TO RESOLUTION ENHANCEMENT
99207	6608700	11/24/1999	8/19/2003	11/24/2019	REMOVAL OF ERROR DIFFUSION ARTIFACTS WITH ALTERNATING DISTRIBUTION WEIGHTS
99322	6628306	11/24/1999	9/30/2003	11/24/2019	E-MAIL APPLICATIONS OPTION TO CC SECONDARY RECIPIENTS WITHOUT ATTACHMENTS
98168	6628843	11/24/1999	9/30/2003	11/24/2019	IMAGE ENHANCEMENT ON JPEG COMPRESSED IMAGE DATA
99256	6643035	11/24/1999	11/4/2003	11/24/2019	METHOD AND APPARATUS FOR MEASURING SCANNER REGISTRATION
9905201	6597473	11/29/1999	7/22/2003	11/29/2019	METHOD TO OBTAIN CONSISTENT IMAGE QUALITY MEASUREMENTS FROM DIFFERENT IMAGE INPUT DEVICES
9905202	6606395	11/29/1999	8/12/2003	11/29/2019	METHOD TO ALLOW AUTOMATED IMAGE QUALITY ANALYSIS OF ARBITRARY TEST PATTERN
9905204	6609932	11/29/1999	8/19/2003	11/29/2019	OUTLINE FONT FOR ANALYTICAL ASSESSMENT OF PRINTED TEXT QUALITY
99390	6614542	11/29/1999	9/2/2003	11/29/2019	METHOD AND APPARATUS TO IMPROVE SYSTEM CONCURRENCY FOR A JOB USING A SET OF COMMONLY SHARED RESOURCES SUCH THAT A SPECIFIC RESOURCE IS USED ONLY FOR A PORTION OF THE JOB
99323	6648657	11/29/1999	11/1/2003	11/29/2019	SYSTEMS AND METHODS FOR PROCESSING DATA
99391	6651081	11/29/1999	11/18/2003	11/29/2019	METHOD AND APPARATUS FOR PROCESSING A HIGH PRIORITY RESOURCE REQUEST IN A SYSTEM USING A SET OF SHARED RESOURCES
99393	6671086	11/29/1999	12/30/2003	11/29/2019	METHOD AND APPARATUS TO OPTIMIZE TRANSITION OF RESOURCES FROM A LOWER PRIORITY TO A HIGHER PRIORITY JOB
98634	6636616	11/30/1999	10/21/2003	11/30/2019	METHOD AND APPARATUS FOR DIGITAL WATERMARKING USING ERROR DIFFUSION
99752	6704120	12/1/1999	3/9/2004	12/1/2019	PRODUCT TEMPLATE FOR A PERSONALIZED PRINTED PRODUCT INCORPORATING IMAGE PROCESSING OPERATIONS
99670	6714319	12/3/1999	3/30/2004	12/3/2019	ON-LINE PIECEWISE HOMEOMORPHISM MODEL PREDICTION, CONTROL AND CALIBRATION SYSTEM FOR A DYNAMICALLY VARYING COLOR MARKING DEVICE
9980403	6628447	12/6/1999	9/30/2003	12/6/2019	ARRAY OF ROTATABLE SOLID ELEMENTS FOR COLOR DISPLAY
9870401	6678425	12/6/1999	1/13/2004	12/6/2019	METHOD AND APPARATUS FOR DECODING ANGULAR ORIENTATION OF LATTICE CODES
99087	6626306	12/7/1999	9/23/2003	12/7/2019	COLOR GAMUT MAPPING FOR ACCURATELY MAPPING CERTAIN CRITICAL COLORS AND CORRESPONDING TRANSFORMING OF NEARBY COLORS FOR ENHANCING GLOBAL SMOOTHNESS
99735	6687227	12/9/1999	7/1/2003	12/9/2019	COPIER HAVING CONTOURED TRACK GUIDES

PATENT
REEL: 015722 FRAME: 0140

PATENT
REEL: 033645 FRAME: 0962

FILE NUMBER	PATENT NUMBER	FILE DATE	ISSUE DATE	EXPIRATION DATE	TITLE
A0726D	6658728	7/27/2001	12/9/2003	11/11/2020	A METHOD FOR FABRICATING A SPRING STRUCTURE ON A SUBSTRATE
99254	6585342	11/13/2000	7/1/2003	11/13/2020	OBJECT ORIENTED IMAGE FORMING
99140D	6659680	9/18/2002	12/9/2003	11/20/2020	SNAP FIT STUD
A0879	6713022	11/22/2000	3/30/2004	11/23/2020	DEVICES FOR BIOFLUID DROP EJECTION
AC997	6585360	11/28/2000	7/1/2003	11/28/2020	INK TANK CONSTRUCTION TO IMPROVE OPENING LEAKAGE AND INK SUPPLY/INK SENSING IN AN EASILY MOLDABLE DESIGN
99614D	6659800	9/27/2002	12/30/2003	11/28/2020	BELTS HAVING BURISHED SEAMS
A0984D	6889527	1/14/2003	2/10/2004	11/28/2020	TONER COMPOSITIONS COMPRISING VINYL RESIN AND POLY(3,4-ETHYLENEDIOXYTHIOPHENE)
A0981D	6889633	1/21/2003	3/2/2004	11/28/2020	TONER COMPOSITIONS COMPRISING POLYESTER RESIN AND POLY(3,4-ETHYLENEDIOXYTHIOPHENE)
A0719	6607321	11/29/2000	8/19/2003	11/29/2020	METHOD AND APPARATUS FOR MOVING A MEDIUM THROUGH A MEDIUM INDEXING DEVICE
A0596	6654155	11/29/2000	11/25/2003	11/29/2020	SINGLE-CRYSTAL-SILICON RIBBON HINGES FOR MICRO-MIRROR AND MEMS ASSEMBLY ON SOI MATERIAL
A0473	6865587	11/29/2000	12/16/2003	11/29/2020	PRODUCT TEMPLATE FOR A PERSONALIZED PRINTED PRODUCT INCORPORATING WORKFLOW SEQUENCE INFORMATION
96727D	6612566	1/13/2003	9/2/2003	12/5/2020	HIGH SPEED PRINTER WITH DUAL ALTERNATE SHEET INVERTERS
A0946D	6626512	3/19/2002	9/30/2003	12/7/2020	SINGLE PASS PRINTING OF TEXT AMONG INTERLEAVED PRINTING OF NON-TEXT MATERIAL
98734	6607223	10/12/2000	8/19/2003	12/14/2020	MOLDED MAGNETIC CATCH ASSEMBLY
99833	6584290	12/19/2000	6/24/2003	12/19/2020	SYSTEM FOR PROVIDING INFORMATION FOR A CUSTOMER REPLACEABLE UNIT
A0033	6585163	8/21/2000	7/1/2003	12/29/2020	ENCODED SHEET MATERIAL AND SYSTEM FOR PROCESSING
A0689CD	6588702	9/3/2002	7/8/2003	12/29/2020	TONER COMPOSITIONS COMPRISING POLYPYRROLES
A0082	6593053	10/23/2000	7/15/2003	12/22/2020	METHOD FOR CONTROLLING MELT RHEOLOGY OF RESIN MIXTURES
A0634D	6671478	8/21/2002	12/30/2003	12/22/2020	INJECTION MOLDED NOISE ATTENUATOR FOR A PHOTORECEPTOR
A0433D	6586160	6/14/2002	7/1/2003	12/27/2020	METHOD OF BLENDING TONERS WITH AN IMPROVED BLENDING TOOL
A0813Q	6598466	10/5/2000	7/29/2003	12/31/2020	METHOD FOR ADDITIVE ADHESION FORCE PARTICLE ANALYSIS AND APPARATUS THEREOF
A0033Q1	6582138	8/21/2000	6/24/2003	1/2/2021	AUTHENTICATED SHEET MATERIAL
A0418	6633621	1/8/2001	10/14/2003	1/8/2021	SYSTEM FOR SENSING FACTORY WORKSPACE
A0490	6622720	12/18/2000	9/23/2003	1/24/2021	USING CAPILLARY WAVE DRIVEN DROPLETS TO DELIVER A PHARMACEUTICAL PRODUCT
A043G	6709992	10/30/2000	3/23/2004	1/25/2021	SMOOTH SURFACE TRANSFUSE BELTS AND PROCESS FOR PREPARING SAME

PATENT
REEL: 015722 FRAME: 0143

PATENT
REEL: 033645 FRAME: 0963

FILE NUMBER	PATENT NUMBER	FILE DATE	ISSUE DATE	EXPIRATION DATE	TITLE
A0725D	6658728	7/27/2001	12/9/2003	11/11/2020	A METHOD FOR FABRICATING A SPRING STRUCTURE ON A SUBSTRATE
99254	6585342	11/13/2006	7/1/2003	11/13/2020	OBJECT ORIENTED IMAGE FORMING
99140D	6669680	9/18/2002	12/9/2003	11/20/2020	SNAP FIT STUD
A0879	6713022	11/22/2009	3/30/2004	11/23/2020	DEVICES FOR BIOFLUID DROP EJECTION
A0997	6585360	11/28/2009	7/1/2003	11/28/2020	INK TANK CONSTRUCTION TO IMPROVE OPENING LEAKAGE AND INK SUPPLY/INK SENSING IN AN EASILY MOLDABLE DESIGN
99614D	6669680	9/27/2002	12/30/2003	11/28/2020	BELTS HAVING BURNISHED SEAMS
A0984D	6689527	11/4/2003	2/10/2004	11/28/2020	TONER COMPOSITIONS COMPRISING VINYL RESIN AND POLY(3,4-ETHYLENEDIOXYTHIOPHENE)
A0981D	6699633	11/21/2003	3/2/2004	11/28/2020	TONER COMPOSITIONS COMPRISING POLYESTER RESIN AND POLY(3,4-ETHYLENEDIOXYTHIOPHENE)
A0719	6607321	11/29/2000	8/19/2003	11/29/2020	METHOD AND APPARATUS FOR MOVING A MEDIUM THROUGH A MEDIUM INDEXING DEVICE
A0596	6654155	11/29/2000	11/25/2003	11/29/2020	SINGLE-CRYSTAL SILICON RIBBON HINGES FOR MICRO-MIRROR AND MEMS ASSEMBLY ON SOI MATERIAL
A0473	6665587	11/29/2000	12/16/2003	11/29/2020	PRODUCT TEMPLATE FOR A PERSONALIZED PRINTED PRODUCT
96727D	6612566	1/13/2003	9/2/2003	12/6/2020	INCORPORATING WORKFLOW SEQUENCE INFORMATION
A0946D	6626512	3/19/2002	9/30/2003	12/7/2020	HIGH SPEED PRINTER WITH DUAL ALTERNATE SHEET INVERTERS
98734	6607223	10/12/2009	8/19/2003	12/14/2020	SINGLE PASS PRINTING OF TEXT AMONG INTERLEAVED PRINTING OF NON-TEXT MATERIAL
99633	6584290	12/19/2000	6/24/2003	12/19/2020	MOLDED MAGNETIC CATCH ASSEMBLY
A0033	6585163	8/21/2000	7/1/2003	12/20/2020	SYSTEM FOR PROVIDING INFORMATION FOR A CUSTOMER REPLACEABLE UNIT
A06890D	6589702	9/3/2002	7/8/2003	12/20/2020	ENCODED SHEET MATERIAL AND SYSTEM FOR PROCESSING
A0082	6593053	10/23/2000	7/15/2003	12/22/2020	TONER COMPOSITIONS COMPRISING POLYPYRROLES
A0634D	6671478	8/21/2002	12/30/2003	12/22/2020	METHOD FOR CONTROLLING MELT RHEOLOGY OF RESIN MIXTURES
A0433D	6586160	6/14/2002	7/1/2003	12/27/2020	INJECTION MOLDED NOISE ATTENUATOR FOR A PHOTORECEPTOR
A0813C	6598466	10/5/2000	7/29/2003	12/31/2020	METHOD FOR ADDITIVE ADHESION FORCE PARTICLE ANALYSIS AND APPARATUS THEREOF
A0033Q1	6582138	8/21/2000	6/24/2003	1/2/2021	AUTHENTICATED SHEET MATERIAL
A0418	6633821	1/8/2001	10/14/2003	1/9/2021	SYSTEM FOR SENSING FACTORY WORKSPACE
A0490	6622720	12/18/2000	9/23/2003	1/24/2021	USING CAPILLARY WAVE DRIVEN DROPLETS TO DELIVER A PHARMACEUTICAL PRODUCT
A0430	6709992	10/30/2000	3/23/2004	1/25/2021	SMOOTH SURFACE TRANSFUSE BELTS AND PROCESS FOR PREPARING SAME

PATENT

REEL: 015722 FRAME: 0184

PATENT

REEL: 033645 FRAME: 0964

FILE NUMBER	PATENT NUMBER	FILE DATE	ISSUE DATE	EXPIRATION DATE	TITLE
99817	6618171	2/25/2000	9/9/2003	2/25/2020	BLACK POINT ADJUSTMENT BASED ON IMAGE BACKGROUND
99850	6655886	2/25/2000	12/2/2003	2/25/2020	SYSTEMS AND METHODS THAT DETECT A PAGE IDENTIFICATION USING EMBEDDED IDENTIFICATION TAGS
99810	6625312	2/28/2000	9/23/2003	2/28/2020	DOCUMENT CLASSIFICATION USING SEGMENTATION TAG STATISTICS
99816	6665098	2/28/2000	12/16/2003	2/28/2020	DYNAMIC USER INTERFACE BASED ON FREQUENCY OF USER SETTINGS
A0045	6671711	3/31/2000	12/30/2003	3/31/2020	SYSTEM AND METHOD FOR PREDICTING WEB USER FLOW BY DETERMINING ASSOCIATION STRENGTH OF HYPERMEDIA LINKS
99346	6669850	8/25/1999	12/30/2003	4/22/2020	PURIFICATION PROCESS
99464	6594393	5/12/2000	7/15/2003	5/12/2020	DYNAMIC PROGRAMMING OPERATION WITH SKIP MODE FOR TEXT LINE IMAGE DECODING
99463	6678415	5/12/2000	11/3/2004	5/12/2020	DOCUMENT IMAGE DECODING USING AN INTEGRATED STOCHASTIC LANGUAGE MODEL
A0549	6662270	5/16/2000	12/9/2003	5/16/2020	SYSTEM AND METHOD FOR CACHING OF REUSABLE OBJECTS
A0040	6628837	5/19/2000	9/30/2003	5/19/2020	ASSIST CHANNEL CODING WITH CONVOLUTION CODING
97526DR	FE38248	3/6/2002	9/16/2003	5/30/2020	METHOD FOR REDUCING SURFACE ROUGHNESS IN A WELDED SEAM OF AN IMAGING BELT
99842Q1D	6582989	12/7/2001	6/24/2003	6/9/2020	PHOTOLITHOGRAPHICALLY-PATTERNED OUT-OF-PLANE COIL STRUCTURES AND METHOD OF MAKING
99022	6544766	4/28/1998	11/11/2003	6/14/2020	PRINTING SYSTEM WITH PHASE SHIFT PRINTING TO REDUCE PEAK POWER CONSUMPTION
99592Q	6598088	3/6/2001	7/8/2003	7/15/2020	SYSTEM AND METHOD FOR AUTOMATICALLY TENSIONING WIRES AND FOR RETAINING TENSIONED WIRES UNDER TENSION
99842Q1C	6646533	5/20/2002	11/11/2003	8/3/2020	PHOTOLITHOGRAPHICALLY-PATTERNED OUT-OF-PLANE COIL STRUCTURES AND METHOD OF MAKING
93298	6606236	1/3/1994	8/12/2003	8/12/2020	CONDUCTIVE POLYMERIC COMPOSITES, ARTICLES AND PROCESSES FOR THE PREPARATION THEREOF
A0033Q1C	6604875	9/20/2002	8/12/2003	8/21/2020	AUTHENTICATED SHEET MATERIAL
99842QC	6606235	5/23/2002	8/12/2003	8/21/2020	PHOTOLITHOGRAPHICALLY-PATTERNED VARIABLE CAPACITOR STRUCTURES AND METHOD OF MAKING
A0660D	6627921	12/16/2002	9/30/2003	8/23/2020	STRUCTURE AND METHOD FOR SEPARATION AND TRANSFER OF SEMICONDUCTOR THIN FILMS ONTO DISSIMILAR SUBSTRATE MATERIALS
A0146	6706202	9/28/2000	3/16/2004	9/28/2020	METHOD FOR SHAPED OPTICAL MEMS COMPONENTS WITH STRESSED THIN FILMS
A0947	6621498	11/1/2000	9/16/2003	11/1/2020	HIGH SPEED NON-SEPARABLE COLOR TABLE LOOKUP

PATENT
REEL: 015722 FRAME: 0142

PATENT
REEL: 033645 FRAME: 0965

FILE NUMBER	PATENT NUMBER	FILE DATE	ISSUE DATE	EXPIRATION DATE	TITLE
996600D	6690471	2/29/2003	2/10/2004	5/22/2021	COLOR IMAGER BAR BASED SPECTROPHOTOMETER FOR COLOR PRINTER COLOR CONTROL SYSTEM
A0A75	6690895	5/25/2001	7/29/2003	5/25/2021	PRINTING MACHINE AND METHOD USING A BIAS TRANSFER ROLLER INCLUDING AT LEAST ONE TEMPERATURE-MAINTAINING DEVICE
A10241	6603551	11/28/2001	8/5/2003	6/1/2021	COLOR MEASUREMENT OF ANGULARLY COLOR VARIANT TEXTILES
A0514	6612560	11/29/2000	9/2/2003	6/8/2021	MAGNETIC ALIGNER FOR FASTENED STACKS
A0A26	6601021	12/9/2000	7/29/2003	6/10/2021	SYSTEM AND METHOD FOR ANALYZING EYETRACKER DATA
A0661D	6682873	6/5/2002	6/24/2003	6/11/2021	TONER COAGULANT PROCESSES
95518	6647144	12/4/2000	11/11/2003	6/11/2021	DETECTION AND VERIFICATION OF SCANNING ATTRIBUTES
A0750	6647237	11/29/2000	11/11/2003	6/18/2021	THREE LAYER SEAMLESS TRANSFER COMPONENT
A1014D	6618570	2/13/2003	9/9/2003	6/20/2021	IMAGEABLE SEAMED BELTS HAVING POLYVINYL BUTYRAL AND ISOCYANATE OUTER LAYER
A0912Q1	6669605	12/20/2000	12/23/2003	6/21/2021	METHOD FOR IMPROVED SECURITY IN THE HANDLING OF PRINTER BIN OUTPUT
A1210	6592216	6/25/2001	7/15/2003	6/25/2021	INK JET PRINT HEAD ACOUSTIC FILTERS
98494C	6582474	6/29/2001	6/24/2003	6/29/2021	CLUSTERING RELATED FILES IN A DOCUMENT MANAGEMENT SYSTEM
996006	6622123	6/23/2000	9/16/2003	7/7/2021	AN INTERACTIVE TRANSLATION SYSTEM AND METHOD
A0022	6654508	11/27/2000	11/25/2003	7/10/2021	CORRECTION AND INTERPOLATION OF POSITION ENCODERS
99660	6621576	5/22/2001	9/16/2003	7/12/2021	COLOR IMAGER BAR BASED SPECTROPHOTOMETER FOR COLOR PRINTER COLOR CONTROL SYSTEM
A0733	6595512	12/6/2000	7/22/2003	7/17/2021	CONSTANT FORCE SHEET FEEDER
A1132D	6707022	4/24/2003	3/16/2004	7/25/2021	SYSTEM FOR COMPENSATING FOR CHIP-TO-CHIP GAP WIDTHS IN A MULTI-CHIP PHOTOSENSITIVE SCANNING ARRAY
A0880	6623700	11/22/2000	9/23/2003	7/26/2021	LEVEL SENSE AND CONTROL SYSTEM FOR BIOFLUID DROP EJECTION DEVICES
A0895Q1	6638383	4/11/2001	10/28/2003	7/27/2021	DUAL CURING PROCESS FOR PRODUCING A SEAM
99675	6605832	7/31/2001	8/12/2003	7/31/2021	SEMICONDUCTOR STRUCTURES HAVING REDUCED CONTACT RESISTANCE
A1024	6633382	5/22/2001	10/14/2003	8/2/2021	ANGULAR, AZIMUTHAL AND DISPLACEMENT INSENSITIVE SPECTROPHOTOMETER FOR COLOR PRINTER COLOR CONTROL SYSTEMS
A0510	6676036	4/25/2001	1/13/2004	8/2/2021	METHODS AND APPARATUS PROVIDING DUAL ADVANCE OF A FLUID EJECTOR SYSTEM RELATIVE TO A RECEIVING MEMBER
A0933Q	6697480	6/7/2002	2/3/2004	8/24/2021	VARIABLE LENGTH TRANSFER ASSIST BLADE
A0A57	6582872	8/27/2001	6/24/2003	8/27/2021	PROCESS FOR FABRICATING ELECTROPHOTOGRAPHIC IMAGING MEMBER
A0A41	6591076	8/28/2001	7/8/2003	8/28/2021	METHOD AND ARRANGEMENT FOR PROVIDING ALIGNMENT INDICIA IN A PRINTED IMAGE

PATENT
REEL: 015722 FRAME: 0145

PATENT
REEL: 033645 FRAME: 0966

FILE NUMBER	FILE DATE	APPLICATION NUMBER
A1690	6/26/2003	10 608918
A2246	7/1/2003	10 612057
A3165	7/1/2003	10 612060
AZ303Q2	7/1/2003	10 612062
A3009Q2	7/1/2003	10 612063
A3010	7/1/2003	10 612064
A3011	7/1/2003	10 612084
A3107	7/2/2003	10 612122
A2303	7/1/2003	10 612234
A3009	7/1/2003	10 612246
A3009Q1	7/1/2003	10 612248
A2245	7/1/2003	10 612250
A2303Q3	7/1/2003	10 612261
A3009Q	7/1/2003	10 612368
A2303Q1	7/1/2003	10 612461
A1667	7/8/2003	10 615068
A2082	7/8/2003	10 615653
A2079	7/7/2003	10 616049
A2584Q	7/14/2003	10 620047
A3208	7/15/2003	10 620069
A2584	7/14/2003	10 620261
A2435	7/16/2003	10 620663
A2222	7/17/2003	10 621824
A2433	7/18/2003	10 622341
A2323	7/21/2003	10 622626
A3285	7/18/2003	10 623296
A3211	7/21/2003	10 623906
A1748	7/21/2003	10 623944
98228D	7/22/2003	10 624762
A0449D	7/22/2003	10 624806
A1754Q	7/23/2003	10 625192
A1754	7/23/2003	10 625206
A3102	7/25/2003	10 627494
A2535	7/25/2003	10 627860
A1175	7/28/2003	10 628844
A3097	7/30/2003	10 630029

PATENT
REEL: 015722 FRAME: 0121

PATENT
REEL: 033645 FRAME: 0967

FILE NUMBER	FILE DATE	APPLICATION NUMBER
A1690	6/26/2003	10 608918
A2246	7/1/2003	10 612057
A3165	7/1/2003	10 612060
A2303G2	7/1/2003	10 612062
A3009O2	7/1/2003	10 612063
A3010	7/1/2003	10 612064
A3011	7/1/2003	10 612084
A3107	7/2/2003	10 612122
A2303	7/1/2003	10 612234
A3009	7/1/2003	10 612246
A3009O1	7/1/2003	10 612248
A2245	7/1/2003	10 612250
A2303G3	7/1/2003	10 612251
A3009G	7/1/2003	10 612368
A2303O1	7/1/2003	10 612461
A1667	7/8/2003	10 615088
A2082	7/8/2003	10 615653
A2079	7/7/2003	10 616049
A2594Q	7/14/2003	10 620047
A3208	7/15/2003	10 620169
A2584	7/14/2003	10 620261
A2435	7/16/2003	10 620663
A2222	7/17/2003	10 621824
A2453	7/18/2003	10 622341
A3323	7/21/2003	10 622826
A3285	7/18/2003	10 623296
A3211	7/21/2003	10 623906
A1748	7/21/2003	10 623944
98228D	7/22/2003	10 624782
A0449D	7/22/2003	10 624806
A1764Q	7/23/2003	10 625192
A1754	7/23/2003	10 625206
A3102	7/25/2003	10 627494
A2535	7/25/2003	10 627860
A1175	7/28/2003	10 628844
A3097	7/30/2003	10 630029

PATENT
REEL: 015722 FRAME: 0121

PATENT
REEL: 033645 FRAME: 0968

FILE NUMBER	FILE DATE	APPLICATION NUMBER
A1690	6/26/2003	10 608918
A2248	7/1/2003	10 612057
A3165	7/1/2003	10 612060
A2303Q2	7/1/2003	10 612062
A3009Q2	7/1/2003	10 612063
A3010	7/1/2003	10 612064
A3011	7/1/2003	10 612064
A3107	7/2/2003	10 612122
A2302	7/1/2003	10 612234
A3009	7/1/2003	10 612246
A3009Q1	7/1/2003	10 612248
A2245	7/1/2003	10 612250
A2303Q3	7/1/2003	10 612251
A3009Q	7/1/2003	10 612368
A2303Q1	7/1/2003	10 612461
A1667	7/8/2003	10 615088
A2082	7/8/2003	10 615653
A2079	7/7/2003	10 616049
A2564Q	7/14/2003	10 620047
A3208	7/15/2003	10 620069
A2584	7/14/2003	10 620261
A2435	7/16/2003	10 620663
A2222	7/17/2003	10 621824
A3433	7/18/2003	10 622341
A2323	7/21/2003	10 622826
A3285	7/18/2003	10 623296
A3211	7/21/2003	10 623906
A1748	7/21/2003	10 623944
98228D	7/22/2003	10 624752
A0449D	7/22/2003	10 624806
A1754Q	7/23/2003	10 625192
A1754	7/23/2003	10 625206
A3102	7/25/2003	10 627494
A2535	7/25/2003	10 627860
A1175	7/28/2003	10 628844
A3097	7/30/2003	10 630029

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FILE NUMBER	FILE DATE	APPLICATION NUMBER
A1690	6/26/2003	10 608948
A2246	7/1/2003	10 612057
A3165	7/1/2003	10 612060
A230302	7/1/2003	10 612062
A300902	7/1/2003	10 612063
A3010	7/1/2003	10 612064
A3011	7/1/2003	10 612084
A3107	7/2/2003	10 612122
A2303	7/1/2003	10 612234
A3009	7/1/2003	10 612246
A300901	7/1/2003	10 612248
A2245	7/1/2003	10 612250
A230303	7/1/2003	10 612281
A30090	7/1/2003	10 612368
A230301	7/1/2003	10 612461
A1667	7/8/2003	10 615088
A2082	7/8/2003	10 615653
A2079	7/7/2003	10 616049
A2584Q	7/14/2003	10 620047
A3208	7/15/2003	10 620069
A2584	7/14/2003	10 620261
A2435	7/16/2003	10 620863
A2222	7/17/2003	10 621824
A2433	7/18/2003	10 622341
A2323	7/21/2003	10 622626
A3285	7/18/2003	10 623295
A3211	7/21/2003	10 623906
A1748	7/21/2003	10 623944
98228D	7/22/2003	10 624762
A0449D	7/22/2003	10 624806
A1754Q	7/23/2003	10 625192
A1754	7/23/2003	10 625206
A3102	7/25/2003	10 627494
A2535	7/25/2003	10 627860
A1175	7/28/2003	10 628844
A3097	7/30/2003	10 630029

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