

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3197241

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	RELEASE OF SECURITY INTEREST
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JPMORGAN CHASE BANK, N.A.	12/04/2006
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	XEROX CORPORATION
<b>Street Address:</b>	100 CLINTON AVENUE SOUTH
<b>Internal Address:</b>	XR2-20A
<b>City:</b>	ROCHESTER
<b>State/Country:</b>	NEW YORK
<b>Postal Code:</b>	14644
<b>PROPERTY NUMBERS Total: 17</b>	
<b>Property Type</b>	<b>Number</b>
Patent Number:	6445463
Patent Number:	6402280
Patent Number:	6406115
Patent Number:	6583888
Patent Number:	6594403
Patent Number:	6535297
Patent Number:	6507001
Patent Number:	6438270
Patent Number:	6493039
Patent Number:	6920250
Patent Number:	6525845
Patent Number:	6444018
Patent Number:	6857102
Patent Number:	6774917
Patent Number:	6751354
Patent Number:	6404925
Patent Number:	6505219
<b>CORRESPONDENCE DATA</b>	

**Fax Number:** (585)423-6059

*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.*

**Phone:** (585)423-5764

**Email:** cathy.whitney@xerox.com

**Correspondent Name:** CATHY WHITNEY

**Address Line 1:** 100 CLINTON AVENUE SOUTH

**Address Line 2:** XR2-20A

**Address Line 4:** ROCHESTER, NEW YORK 14644

<b>ATTORNEY DOCKET NUMBER:</b>	LIEN RELEASE
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<b>NAME OF SUBMITTER:</b>	CATHY WHITNEY
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<b>SIGNATURE:</b>	/Cathy Whitney/
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<b>DATE SIGNED:</b>	01/26/2015
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**Total Attachments: 15**

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## RELEASE OF LIEN IN PATENTS

This RELEASE OF LIEN IN PATENTS, dated as of this <sup>th</sup> 4 day of December, 2006, is made by JPMORGAN CHASE BANK, N.A., a New York banking corporation located at 270 Park Avenue, 4<sup>th</sup> 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

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

DOCKET NUMBER	FILE DATE	APPLICATION NUMBER
98125	6/4/98	09 090344
PX98007	6/15/98	09 094730
95465	6/18/98	09 100189
980941	7/31/98	09 127271
98098	9/23/98	09 158884
98534	9/24/98	09 160642
98565Q1	9/30/98	09 163799
99811	10/19/98	09 175080
97092Q1	10/29/98	09 182091
98119	10/30/98	09 183675
PX98010	11/3/98	09 184588
98703	11/13/98	09 192014
98484	11/18/98	09 195593
98317	12/2/98	09 204395
98487	12/11/98	09 209854
98037	12/15/98	09 211761
98037Q1	12/15/98	09 211765
98216	12/16/98	09 213649
98625	12/18/98	09 215175
98775Q1	12/22/98	09 219056
98775	12/22/98	09 219089
98624	12/23/98	09 219814
98231	12/23/98	09 219833
98439	12/23/98	09 219850
98213	12/28/98	09 221239
98428	12/29/98	09 221996
98557	12/29/98	09 222209
PX98005	12/30/98	09 222962
98140	12/30/98	09 223016
98779	12/30/98	09 223112
PX98003	12/30/98	09 223637
96796Q2II	12/31/98	09 223882
98780	12/30/98	09 224254
PX98001Q	1/29/99	09 239294
PX98001	1/29/99	09 239295
97551	1/29/99	09 239296
98448	3/4/99	09 262362
PX98015	3/11/99	09 266558
PX98016	3/11/99	09 266637

DOCKET NUMBER	PATENT NUMBER	FILE DATE	ISSUE DATE	EXPIRATION DATE	TITLE
A0420	6399701	5/15/00	6/4/02	5/15/20	SURFACTANT-FREE SEMI-CONTINUOUS EMULSION POLYMERIZATION PROCESS FOR MAKING SUBMICRON SIZED PARTICLES FOR CARRIER COATINGS
99230Q	6400372	11/29/99	6/4/02	11/29/19	METHODS AND APPARATUSES FOR SELECTING LEVELS OF DETAIL FOR OBJECTS HAVING MULTI-RESOLUTION MODELS IN GRAPHICS DISPLAYS
92453C	6400467	11/6/95	6/4/02	11/6/15	METHOD AND APPARATUS FOR RENDERING HALFTONE AREAS OF AN IMAGE WITH CONTINUOUS BOUNDARIES
A0694	6400512	11/28/00	6/4/02	12/26/20	REFRACTIVE / REFLECTIVE OPTICAL ELEMENT MULTIPLE BEAM SPACER
98633	6400844	12/2/98	6/4/02	12/2/18	METHOD AND APPARATUS FOR SEGMENTING DATA TO CREATE MIXED RASTER CONTENT PLANES
A0515	6400913	12/14/00	6/4/02	12/14/20	CONTROL REGISTRATION AND MOTION QUALITY OF A TANDEM XEROGRAPHIC MACHINE USING TRANSFUSE
A0A00	6400921	4/26/01	6/4/02	4/26/21	EDGE ENHANCEMENT SCAVENGING DEVICE
99722Q1	6401143	12/2/99	6/4/02	12/2/19	LOOPBACK DIRECT MEMORY ACCESS CONTROL SYSTEM FOR A DIGITAL SCANNER
A0529	6402006	8/27/01	6/11/02	8/27/21	DUAL MODE STAPLER WITH AUTOMATIC MODE TRANSITION
95185	6402280	1/19/99	6/11/02	1/19/19	PRINTHEAD WITH CLOSE-PACKED CONFIGURATION OF ALTERNATING SIZED DROP EJECTORS AND METHOD OF FIRING SUCH DROP EJECTORS
99065	6402284	6/8/99	6/11/02	6/8/19	METHOD AND APPARATUS FOR DETECTING INK TANK CHARACTERISTICS
A0478	6402293	6/16/00	6/11/02	6/16/20	VACUUM ACCUMULATOR AND INK MANIFOLD
97360D	6403796	9/28/00	6/11/02	10/2/18	METHODS AND INTERMEDIATES FOR FORMING PERYLENE DIMERS
A0731Q	6404451	11/29/00	6/11/02	11/29/20	ADJUSTABLE VOLTAGE FINGER DRIVER
PX97010	6404856	4/10/98	6/11/02	4/10/18	SYSTEM FOR RECORDING, ANNOTATING AND INDEXING AUDIO DATA (PARC/FUJI XEROX)
PX98020	6404925	3/11/99	6/11/02	3/11/19	METHODS AND APPARATUSES FOR SEGMENTING AN AUDIO-VISUAL RECORDING USING IMAGE SIMILARITY SEARCHING AND AUDIO SPEAKER RECOGNITION
94880	6404997	1/29/01	6/11/02	1/29/21	METHOD AND APPARATUS FOR DYNAMICALLY CONTROLLING IMAGE DENSITY
99452Q	6405162	9/23/99	6/11/02	9/23/19	TYPE-BASED SELECTION OF RULES FOR SEMANTICALLY DISAMBIGUATING WORDS
99788	6405178	12/20/99	6/11/02	12/20/19	ELECTRONIC COMMERCE ENABLED PURCHASING SYSTEM
A0026Q	6405796	10/30/00	6/18/02	10/30/20	METHOD FOR IMPROVING OIL RECOVERY USING AN ULTRASOUND TECHNIQUE
97635	6406111	9/3/98	6/18/02	9/3/18	METHOD OF INCREASING THE RESOLUTION OF AN INK JET PRINTER
95185Q	6406115	1/19/99	6/18/02	1/19/19	METHOD OF PRINTING WITH MULTIPLE SIZED DROP EJECTORS ON A SINGLE PRINTHEAD
A0552	6406127	11/17/00	6/18/02	11/17/20	HIGH PRODUCTIVITY/MULTIPASS/INK PRINTING SYSTEM AND METHOD

DOCKET NUMBER	PATENT NUMBER	FILE DATE	ISSUE DATE	EXPIRATION DATE	TITLE
98043	6436793	12/28/00	8/20/02	12/28/20	METHODS OF FORMING SEMICONDUCTOR STRUCTURE
A0371D	6437155	8/24/01	8/20/02	1/22/19	ANTHRAQUINONE COLORANTS FOR INKS
99613Q3	6437282	9/29/00	8/20/02	11/6/20	LASER MICRO-MACHINING OF SEAMED BELTS
99780Q	6437374	5/7/01	8/20/02	5/7/21	SEMICONDUCTOR DEVICE AND METHOD OF FORMING A SEMICONDUCTOR DEVICE
96594	6437872	9/22/98	8/20/02	9/22/18	MULTIBIT SCREENING OF PRINT DOCUMENTS IN A PDL ENVIRONMENT
98176	6438270	3/3/99	8/20/02	3/3/19	METHODS AND SYSTEMS FOR IMAGE SHARPENING
95193	6438273	12/23/98	8/20/02	12/23/18	METHOD AND APPARATUS FOR USING ROTATABLE TEMPLATES WITHIN LOOK-UP TABLES TO ENHANCE IMAGE REPRODUCTION
A0524	6438328	11/8/00	8/20/02	11/8/20	REVERSIBLE SHUTTER LOCK-OUT FEATURE
98238	6438329	4/15/98	8/20/02	4/15/18	METHOD AND APPARATUS FOR AUTOMATIC CUSTOMER REPLACEABLE UNIT (CRU) SETUP AND CLEANER BLADE LUBRICATION
986151	6438332	11/29/00	8/20/02	3/28/20	METHOD AND APPARATUS FOR TONER CAKE DELIVERY
99146	6438338	10/19/00	8/20/02	10/19/20	EXTENDED LIFE RECYCLEABLE SILENCER ASSEMBLY
A0610	6439081	11/28/00	8/27/02	1/5/21	HARMONIC FRICTION DRIVE
98323	6439465	9/24/99	8/27/02	9/24/19	ENCODING SMALL AMOUNTS OF EMBEDDED DIGITAL DATA AT ARBITRARY LOCATIONS WITHIN AN IMAGE
A0979	6439711	11/28/00	8/27/02	11/28/20	BALLISTIC AEROSOL MARKING PROCESS EMPLOYING MARKING MATERIAL COMPRISING POLYESTER RESIN AND POLY(3,4-ETHYLENEDIOXYTHIOPHENE)
99734C	6439898	2/28/01	8/27/02	12/15/19	METHOD AND APPARATUS FOR INTERCONNECTING DEVICES USING AN ADHESIVE
99137	6440252	12/17/99	8/27/02	12/17/19	METHOD FOR ROTATABLE ELEMENT ASSEMBLY
A0804	6440515	9/29/00	8/27/02	12/28/20	PUZZLE-CUT ON PUZZLE-CUT SEAMED BELTS
A0809	6440629	2/6/01	8/27/02	2/6/21	IMAGING APPARATUS
98150D	6440643	8/2/01	8/27/02	7/14/19	PATTERNED PHOTORESIST STRUCTURES HAVING FEATURES WITH HIGH ASPECT RATIOS AND METHOD OF FORMING SUCH STRUCTURES
98274Q2	6441774	11/29/99	8/27/02	11/29/19	HELIOGRAPHIC INK JET APPARATUS AND IMAGING PROCESSES THEREOF
99112Q	6441805	6/24/99	8/27/02	6/24/19	ERGONOMIC COMPUTER MOUSE
99230	6441817	11/29/99	8/27/02	11/29/19	METHODS AND APPARATUSES FOR PERFORMING Z-BUFFER GRANULARITY DEPTH CALIBRATION IN GRAPHICS DISPLAYS OF THREE-DIMENSIONAL SCENES
98754	6441869	8/27/99	8/27/02	8/27/19	SYSTEMS AND METHODS FOR COLOR SPECIFIC HUE CONTROL
99301Q	6441923	6/28/99	8/27/02	6/28/19	DYNAMIC CREATION OF COLOR TEST PATTERNS BASED ON VARIABLE PRINT SETTINGS FOR IMPROVED COLOR CALIBRATION
A0666	6441946	11/28/00	8/27/02	11/28/20	SWOLLEN GYRICON DISPLAYS AND METHOD OF MAKING SAME

DOCKET NUMBER	PATENT NUMBER	FILE DATE	ISSUE DATE	EXPIRATION DATE	TITLE
98269	6442300	1/5/99	8/27/02	1/5/19	THREE-PIXEL LINE SCREEN WITH HIGH ADDRESSABILITY AND ERROR DIFFUSION
98223	6442302	9/17/98	8/27/02	9/17/18	ROTATED READ-OUT OF JPEG COMPRESSED IMAGES
96153	6442365	4/8/98	8/27/02	4/8/18	THERMALLY CONDUCTIVE FUSER BELT
A0588	6442366	1/25/01	8/27/02	1/25/21	EXTERNAL RADIANT HEATER FOR FUSER MEMBERS AND METHOD OF MAKING SAME
A0593	6442369	11/27/00	8/27/02	11/27/20	AIR BEARING MECHANISM FOR FLATTENING PAPER IN A PRINTING MACHINE
99275Q11	6442750	10/22/99	8/27/02	7/20/19	DESIGN BY CONTRACT WITH ASPECT-ORIENTED PROGRAMMING
99559D	6442993	4/6/01	9/3/02	4/6/21	SENSOR ALIGNMENT FOR A DOCUMENT PROCESSING APPARATUS
A0716	6443450	11/30/00	9/3/02	11/30/20	SHEET STACKING APPARATUS AND METHOD
A03401	6444018	2/12/99	9/3/02	2/25/19	PHASE CHANGE INK CARRIER COMPOSITIONS CONTAINING ANHYDRIDE/AMINO ALCOHOL-BASED ADDUCTS
99405D	6444031	7/27/00	9/3/02	12/12/19	APPARATUS FOR COATING PHOTORECEPTOR DEVICES
99376D	6444275	10/31/00	9/3/02	7/1/16	METHOD FOR REMOTE PLASMA DEPOSITION OF FLUOROPOLYMER FILMS
99769	6444294	7/27/00	9/3/02	9/6/20	RECORDING SUBSTRATES FOR INK JET PRINTING
99505I	6444308	12/20/99	9/3/02	6/30/17	MICROWAVE BOOKBINDER TAPE
99765	6444386	4/13/01	9/3/02	4/26/21	PHOTOCONDUCTIVE IMAGING MEMBERS
A0160	6444960	1/11/02	9/3/02	1/11/22	IMPROVED HEATING ELEMENT FOR CHARGING DEVICES
98382	6445413	8/24/98	9/3/02	8/24/18	SYSTEM FOR DETERMINING A VIDEO OFFSET FROM DARK PHOTOSENSORS IN AN IMAGE SENSOR ARRAY
95148	6445463	1/19/99	9/3/02	1/19/19	IMAGE PROCESSING METHOD TO REDUCE MARKING MATERIAL COVERAGE IN PRINTING PROCESSES
99615	6445490	11/28/00	9/3/02	11/28/20	ENCAPSULATED CYRICON SPHERES
A0A02	6445889	4/26/01	9/3/02	4/26/21	DYNAMIC DUTY CYCLE FOR INCREASED LATITUDE
A0951	6445901	1/23/01	9/3/02	1/23/21	FUSER RELEASE AGENT MANAGEMENT SYSTEM WITH DRIVEN SUPPLY REEL
99272	6446035	5/5/99	9/3/02	5/5/19	FINDING GROUPS OF PEOPLE BASED ON LINGUISTICALLY ANALYZABLE CONTENT OF RESOURCES ACCESSED
98569	6446208	9/10/98	9/3/02	9/10/18	USER INTERFACE SYSTEM BASED ON SEQUENTIALLY READ ELECTRONIC TAGS
99071	6447086	11/24/99	9/10/02	11/24/19	METHOD AND APPARATUS FOR ACHIEVING CONTROLLED RF SWITCHING RATIOS TO MAINTAIN THERMAL UNIFORMITY IN THE ACOUSTIC FOCAL SPOT OF AN ACOUSTIC INK PRINTHEAD
A0929	6447094	11/24/00	9/10/02	12/12/20	FIRMWARE SENSING SYSTEMS AND METHODS FOR A MAINTENANCE MECHANISM OF AN INK JET PRINTER
A0713	6447097	4/5/01	9/10/02	4/5/21	ROW SCRAMBLING IN EJECTOR ARRAYS
A1156	6447109	7/13/01	9/10/02	7/13/21	LIQUID INK CARTRIDGE AND IMPROVED FILLING METHOD

DOCKET NUMBER	PATENT NUMBER	FILE DATE	ISSUE DATE	EXPIRATION DATE	TITLE
99790	6490960	7/11/01	12/10/02	7/11/21	MUSCLE-EMULATING PC BOARD ACTUATOR
A1068	6491368	12/3/01	12/10/02	12/3/21	PRIMING SYSTEM FOR MULTICOLOR INK JET PRINTERS
A0486	6491371	6/16/00	12/10/02	6/16/20	INK BLOTTER FOR AN INK JET PRINTER MAINTENANCE STATION PROVIDING INCREASED INK CARRYING CAPACITY
98461	6491375	11/12/99	12/10/02	11/12/19	AN INTEGRATED PRINTHEAD
A0427	6492025	11/27/00	12/10/02	11/27/20	MICROCAPSULE COMPOSITION
A0075	6492080	3/23/01	12/10/02	3/23/21	PROCESS FOR TUNING PHOTORECEPTOR SENSITIVITY
A0689Q	6492082	11/28/00	12/10/02	11/28/20	TONER COMPOSITIONS COMPRISING POLYPYRROLES
95116Q3D	6492967	4/26/02	12/10/02	12/15/15	FABRICATION OF A TWISTING BALL DISPLAY HAVING TWO OR MORE DIFFERENT KINDS OF BALLS
98237	6493039	1/19/99	12/10/02	1/19/19	METHOD AND APPARATUS FOR WHITE NOISE REDUCTION IN VIDEO IMAGES
98171	6493042	3/18/99	12/10/02	3/18/19	FEATURE BASED HIERARCHICAL VIDEO SEGMENTATION
A0730	6493083	12/15/00	12/10/02	3/7/21	METHOD FOR MEASURING COLOR REGISTRATION AND DETERMINING REGISTRATION ERROR IN A MARKING PLATFORM
99097	6493463	9/9/99	12/10/02	9/9/19	SEGMENTATION TAG CLEANUP USING NEIGHBORHOOD TAGS
99303	6493469	6/28/99	12/10/02	6/28/19	DUAL VIDEO CAMERA SYSTEM FOR SCANNING HARDCOPY DOCUMENTS
99201	6493702	5/5/99	12/10/02	5/5/19	SYSTEM AND METHOD FOR SEARCHING AND RECOMMENDING DOCUMENTS IN A COLLECTION USING SHARED BOOKMARKS
R99002	6493731	1/27/99	12/10/02	1/27/19	DOCUMENT MANAGEMENT SYSTEM FOR RECORDING AND VIEWING THE HISTORY OF DOCUMENT USE
99177	6493760	6/28/99	12/10/02	6/28/19	STANDALONE DEVICE FOR IDENTIFYING AVAILABLE DOCUMENT SERVICES IN A TOKEN ENABLED OPERATING ENVIRONMENT
A1079	6494553	6/11/01	12/17/02	6/11/21	INK LEVEL SENSING FOR INK PRINTER
98518	6494565	11/5/99	12/17/02	11/5/19	METHODS AND APPARATUS FOR OPERATING A VARIABLE IMPEDANCE ACOUSTIC INK PRINTHEAD
A0312	6494570	12/4/01	12/17/02	12/4/21	CONTROLLING GLOSS IN AN OFFSET INK JET PRINTER
99681Q	6495026	10/1/01	12/17/02	10/1/21	PROCESS TO SEVER METAL FIBERS USING GALVANIC CELL
99769Q	6495243	7/27/00	12/17/02	10/17/20	RECORDING SUBSTRATES FOR INK JET PRINTING
99663	6495300	7/2/01	12/17/02	7/2/21	PHOTOCONDUCTIVE IMAGING MEMBERS
A0661	6495302	6/11/01	12/17/02	6/14/21	TONER COAGULANT PROCESSES
A0695	6496215	12/15/00	12/17/02	1/3/21	THERMAL SCAN LINE BOW ADJUSTMENT IN AN OPTICAL SCANNING SYSTEM
98379	6496277	7/23/99	12/17/02	7/23/19	DATA FLOW CONTROL AND STORAGE FACILITY FOR AN IMAGE REPRODUCTION SYSTEM
99128Q	6496298	10/26/99	12/17/02	10/26/19	BICHROMAL BEADS HAVING CHARGE ADJUVANTS THEREIN
A0692	6496526	10/18/00	12/17/02	3/14/21	CURRENT SWITCHING DRIVER WITH CONTROLLED BIAS AND ON STATES
A0A03	6496676	6/20/01	12/17/02	6/20/21	LIQUID DEVELOPER SYSTEM EMPLOYING A PRETRANSFER STATION

DOCKET NUMBER	PATENT NUMBER	FILE DATE	ISSUE DATE	EXPIRATION DATE	TITLE
A0428	6503571	7/11/01	1/7/03	7/11/21	COATING METHOD AND APPARATUS WITH SUBSTRATE EXTENSION DEVICE
A0800	6503677	7/10/01	1/7/03	7/10/21	EMULSION AGGREGATION TONER PARTICLES COATED WITH NEGATIVELY CHARGEABLE AND POSITIVELY CHARGEABLE ADDITIVES AND METHOD OF MAKING SAME
A0689	6503678	11/28/00	1/7/03	11/28/20	TONER COMPOSITIONS COMPRISING POLYTHIOPHENES
A1112	6503680	8/29/01	1/7/03	8/29/21	LATEX PROCESSES
98004Q	6504175	4/28/98	1/7/03	4/28/18	HYBRID POLYCRYSTALLINE AND AMORPHOUS SILICON STRUCTURES ON A SHARED SUBSTRATE
98294	6504375	11/28/00	1/7/03	2/15/21	ELECTROSTATIC VOLTMEETER MODULATORS AND METHODS OF MAKING SAME
A0740	6504376	11/29/00	1/7/03	4/18/21	AUTOMATIC MODULATION CONTROL FOR ESV MODULATORS
99127	6504525	5/3/00	1/7/03	5/3/20	ROTATING ELEMENT SHEET MATERIAL WITH MICROSTRUCTURED SUBSTRATE AND METHOD OF USE
99317	6504556	6/29/99	1/7/03	6/29/19	OPERATOR NOTATION TOOL TIP
A0149	6504557	5/29/01	1/7/03	5/29/21	CHARGE EMITTING PRINT HEAD FOR IMAGE FORMING SYSTEMS
99378	6504621	12/22/98	1/7/03	12/22/18	SYSTEM FOR MANAGING RESOURCE DEFICIENT JOBS IN A MULTIFUNCTIONAL PRINTING SYSTEM
A0554Q2	6504643	9/28/00	1/7/03	9/28/20	STRUCTURE FOR AN OPTICAL SWITCH ON A SUBSTRATE
A1464	6505006	11/15/01	1/7/03	11/15/21	SUPPLY CARTRIDGE FOR A PRINTING APPARATUS
A0A01	6505011	4/26/01	1/7/03	4/26/21	TC RUNTIME CONTROL USING UNDERDEVELOPED SOLID, AND EDGE ENHANCEMENT
99589	6505013	2/15/00	1/7/03	2/15/20	SYSTEM AND METHOD FOR EXTENDING THE LIFE OF A CHARGE RECEPTOR IN A XEROGRAPHIC PRINTER
A1216	6505030	8/23/01	1/7/03	8/23/21	PRE-FUSER TRANSPORT ASSEMBLY FOR HANDLING A VARIETY OF SHEETS AND A REPRODUCTION MACHINE HAVING SAME
99465Q	6505150	6/18/98	1/7/03	10/15/17	ARTICLE AND METHOD OF AUTOMATICALLY FILTERING INFORMATION RETRIEVAL RESULTS USING TEXT GENRE
R99001	6505219	1/27/99	1/7/03	1/27/19	PROCESS MANAGEMENT SYSTEM WHEREIN PROCESS DESCRIPTIONS PROVIDE INDICES TO DOCUMENT HISTORIES
98714	6505832	12/23/98	1/14/03	12/23/18	VARIABLE ACCELERATION TAKE-AWAY ROLL (TAR) FOR HIGH CAPACITY FEEDER
98033	6505902	9/13/00	1/14/03	9/13/20	MAIL PIECE PRODUCING MACHINE HAVING A WIDE SWATH ENVELOPE PRINTING MODULE
A1105	6506620	11/27/00	1/14/03	11/27/20	PROCESS FOR MANUFACTURING MICROMECHANICAL AND MICROOPTOMECHANICAL STRUCTURES WITH BACKSIDE METALIZATION (JOINT XEROX/MICROSCAN SYSTEMS INC)

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97705	6507001	1/19/99	1/14/03	1/19/19	NOZZLES FOR INK JET DEVICES AND LASER ABLATING OR PRECISION INJECTION MOLDING METHODS FOR MICROFABRICATION OF THE NOZZLES
9846512	6507333	11/24/99	1/14/03	11/24/19	TRIBO-ADDRESSED AND TRIBO-SUPPRESSED ELECTRIC PAPER
981691	6507669	7/22/99	1/14/03	7/22/19	METHOD OF SELECTING CLUSTERS OF ITEMS USING A FUZZY HISTOGRAM ANALYSIS
99212	6507676	12/13/99	1/14/03	12/13/19	HEXAGONAL AND OCTAGONAL REGIONS FROM SUMMED-AREA TABLES
A0147	6507723	1/24/01	1/14/03	1/24/21	IMAGE DEVELOPER THAT PROVIDES FLUIDIZED TONER
A0A11	6507725	8/17/01	1/14/03	8/17/21	SENSOR AND ASSOCIATED METHOD
A0813	6508104	10/5/00	1/21/03	10/5/20	METHOD FOR ADDITIVE ADHESION FORCE PARTICLE ANALYSIS AND APPARATUS THEREOF
A0541	6508535	1/16/02	1/21/03	3/13/22	SYSTEMS AND METHODS FOR RANDOMIZED DOT SCHEDULING FOR MULTIPASS PRINTING
A0001	6508540	10/20/00	1/21/03	10/20/20	FRINGE FIELD ELECTRODE ARRAY FOR SIMULTANEOUS PAPER TACKING AND FIELD ASSIST
97114	6508541	7/2/01	1/21/03	7/2/21	THIN FRONT CHANNEL PHOTOPOLYMER DROP EJECTOR
A0400	6508551	12/4/01	1/21/03	12/4/21	CONTROLLING TRANSPARENCY HAZE USING A SOFT DRUM
A0784Q	6508947	1/24/01	1/21/03	7/26/21	METHOD FOR FABRICATING A MICRO-ELECTRO-MECHANICAL FLUID EJECTOR
A0663	6509393	3/22/01	1/21/03	3/22/21	PHASE CHANGE INKS
98143	6509898	4/17/98	1/21/03	4/17/18	USAGE BASED METHODS OF TRAVERSING AND DISPLAYING GENERALIZED GRAPH STRUCTURES
PX98009D	6509909	11/1/00	1/21/03	9/14/18	SYSTEMS AND METHODS FOR CONTROLLING A PRESENTATION USING PHYSICAL OBJECTS
97577	6509912	1/12/98	1/21/03	1/12/18	DOMAIN OBJECTS FOR USE IN A FREEFORM GRAPHICS SYSTEM
A1370	6510275	11/8/01	1/21/03	11/8/21	MICRO-OPTOELECTROMECHANICAL SYSTEM BASED DEVICE WITH ALIGNED STRUCTURES AND METHOD FOR FABRICATING SAME
A07881	6510296	2/1/02	1/21/03	12/14/20	IN A XEROGRAPHIC PRINTING APPARATUS, VARYING BIAS DURING THE TRANSFER STEP
A0899	6510304	6/6/01	1/21/03	6/6/21	AUGER FOR MAGNETIC MATERIALS WITH SPECIFIC USE FOR DEVELOPER TRANSPORT IN ELECTROGRAPHIC PRINTING SYSTEMS
A0897	6510305	11/28/00	1/21/03	11/28/20	TONER TRANSPORT APPARATUS USING FLEXIBLE AUGERS
98314	6511149	9/30/98	1/28/03	9/30/18	BALLISTIC AEROSOL MARKING APPARATUS FOR MARKING A SUBSTRATE
A0A15	6511155	8/23/01	1/28/03	8/23/21	CLEANING INK JET PRINTHEADS AND ORIFICES
A0812	6511239	11/17/00	1/28/03	3/22/21	FLYER DETERMINATION AND ELIMINATION FOR SIDE EDGE ELECTRONIC REGISTRATION
A0884	6511780	7/30/01	1/28/03	7/30/21	CARRIER PARTICLES

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99525D	6521297	5/22/01	2/18/03	6/10/20	MARKING MATERIAL AND BALLISTIC AEROSOL MARKING PROCESS FOR THE USE THEREOF
96036D	6521330	6/28/01	2/18/03	6/26/16	FLOW COATING PROCESS FOR MANUFACTURE OF POLYMERIC PRINTER AND BELT COMPONENTS
99052Q	6522430	11/29/99	2/18/03	11/29/19	QUANTIFICATION OF MOTION QUALITY EFFECT ON IMAGE QUALITY
99145	6522431	4/26/99	2/18/03	4/26/19	SYSTEM FOR MINIMIZING IMAGE DEFECTS IN A HARD-COPY INPUT SCANNER
A0825	6522791	1/23/01	2/18/03	8/27/21	DYNAMIC USER INTERFACE WITH SCANNED IMAGE IMPROVEMENT ASSIST
99688	6522859	10/16/01	2/18/03	10/16/21	FIBER REMOVAL DEVICE
A0020	6523208	3/24/00	2/25/03	3/24/20	FLEXIBLE WEB CLEANING SYSTEM
98314Q3	6523928	9/30/98	2/25/03	9/30/18	METHOD OF TREATING A SUBSTRATE EMPLOYING A BALLISTIC AEROSOL MARKING APPARATUS
A1183	6523931	8/29/01	2/25/03	8/29/21	METHOD AND APPARATUS FOR PRIMING A PRINTHEAD
98458	6523939	11/15/99	2/25/03	11/15/19	CHOOSING PRINT PASSES AND SPEED BASED ON REQUIRED NUMBER OF DROPS FOR EACH SWATH
98444	6523944	6/30/99	2/25/03	6/30/19	INK DELIVERY SYSTEM FOR ACOUSTIC INK PRINTING APPLICATIONS
A0433	6523996	12/27/00	2/25/03	1/11/21	BLENDING TOOL WITH AN ENLARGED COLLISION SURFACE FOR INCREASED BLEND INTENSITY AND METHOD OF BLENDING TONERS
99536	6524500	12/28/00	2/25/03	7/27/21	METHOD FOR MAKING MICROENCAPSULATED GYRICON BEADS
A0893	6525136	8/2/01	2/25/03	8/2/21	PHOTOCHROMIC CORE AND SHELL MATRIX
A0444	6525721	5/5/00	2/25/03	5/5/20	COLOR PROFILE MANAGEMENT AND COLOR COLLECTION MANAGEMENT, NAVIGATION AND VISUAL DESIGN
98748	6525741	8/30/99	2/25/03	8/30/19	CHROMA KEY OF ANTIALISED IMAGES
93446C	6525749	10/25/96	2/25/03	12/30/13	APPARATUS AND METHOD FOR SUPPORTING THE IMPLICIT STRUCTURE OF FREEFORM LISTS, OUTLINES, TEXT, TABLES, AND DIAGRAMS IN A GESTURE BASED INPUT SYSTEM AND EDITING SYSTEM
95513	6525751	5/25/01	2/25/03	7/7/21	RASTER OUTPUT SCANNER FRACTION-OF-SCAN POLYGON REPHASING AND ALGORITHM
98575I	6525831	3/3/1999	2/25/03	3/31/19	NON-FORMAT VIOLATING PDL GUESSING TECHNIQUE TO DETERMINE THE PAGE DESCRIPTION LANGUAGE IN WHICH A PRINT JOB IS WRITTEN
98626Q	6525845	1/19/99	2/25/03	1/19/19	METHODS AND APPARATUS FOR MODIFYING IMAGE DATA BASED ON IDENTIFICATION OF MARKING PROCESS
A1360	6525866	1/16/02	2/25/03	1/16/22	ELECTROPHORETIC DISPLAYS; DISPLAY FLUIDS FOR USE THEREIN; AND METHODS OF DISPLAYING IMAGES
A0902	6526083	10/9/01	2/25/03	10/9/21	TWO SECTION BLUE LASER DIODE WITH REDUCED OUTPUT POWER DROOP

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98101	6529629	9/23/98	3/4/03	9/23/18	IMAGE SEGMENTATION APPARATUS AND METHOD
98579	6529643	12/21/98	3/4/03	12/21/18	SYSTEM FOR ELECTRONIC COMPENSATION OF BEAM SCAN TRAJECTORY DISTORTION
99359	6529691	12/8/00	3/4/03	12/8/20	TONER CARTRIDGE ELECTRICAL IDENTIFICATION MECHANISM
A1234	6529702	7/25/01	3/4/03	7/25/21	CLEANING BLADE ARRANGED WITH AT LEAST ONE HEATER AND PRINTER ARRANGED WITH THE SAME
97519	6530644	5/3/01	3/11/03	5/3/21	METHOD AND APPARATUS FOR CLEANING FLUID EJECTION CARTRIDGE AND MAINTENANCE STATION
A1212	6530655	5/31/01	3/11/03	5/31/21	DRIP PLATE DESIGN FOR A SOLID INK PRINTER
99139D	6530692	8/27/02	3/11/03	9/29/20	BEARING
99681	6531048	7/31/01	3/11/03	8/4/21	ELECTROCHEMICAL PROCESS TO SEVER METAL FIBERS
99081	6532081	7/23/99	3/11/03	7/23/19	WEIGHT CALCULATION FOR BLENDING COLOR TRANSFORMATION LOOKUP TABLES
96763	6532086	11/19/99	3/11/03	11/19/19	OPTICAL COLOR MATRIXING USING TIME DELAY AND INTEGRATION SENSOR ARRAYS
A0594	6532093	12/6/00	3/11/03	12/9/20	INTEGRATED MICRO-OPTO-ELECTRO-MECHANICAL LASER SCANNER
99206C	6532351	10/22/01	3/11/03	6/27/20	WIRELESS INTERACTION WITH MEMORY ASSOCIATED WITH A REPLACEABLE MODULE FOR OFFICE EQUIPMENT
A1351Q	6533268	7/27/01	3/18/03	7/27/21	PRINTER SHEET LATERAL REGISTRATION AND DESKEWING SYSTEM
A1099	6533380	9/12/01	3/18/03	9/12/21	METHOD AND APPARATUS FOR REDUCING NEIGHBOR CROSS-TALK AND INCREASING ROBUSTNESS OF AN ACOUSTIC PRINTING SYSTEM AGAINST ISOLATED EJECTOR FAILURE
A0481	6533386	11/27/00	3/18/03	11/27/20	CAM-ACTUATED LEVER CAPPING ARM
97425	6533822	1/30/98	3/18/03	1/31/18	METHOD AND SYSTEM FOR GENERATING DOCUMENT SUMMARIES WITH LOCATION INFORMATION
A0A90Q	6534249	2/9/01	3/18/03	2/9/21	METHOD OF MAKING LOW COST INTEGRATED OUT-OF-PLANE MICRO-DEVICE STRUCTURES
97574	6535297	2/11/99	3/18/03	2/11/19	PROGRAMMABLE AUDITRON FOR MULTIFUNCTIONAL PRINTING SYSTEM
98479	6535633	9/24/99	3/18/03	9/24/19	METHOD AND APPARATUS FOR RE-CLASSIFYING COLOR IMAGE PIXELS CLASSIFIED BY SINGLE CHANNEL SEGMENTATION
96662Q	6535635	10/25/99	3/18/03	10/25/19	ERROR CLIPPING FOR VECTOR ERROR DIFFUSION
PX98018	6535639	3/12/99	3/18/03	3/12/19	AUTOMATIC VIDEO SUMMERIZATION USING A MEASURE OF SHOT IMPORTANCE AND A FRAME-PACKING METHOD
97184	6535700	11/3/00	3/18/03	11/3/20	LIQUID XEROGRAPHIC DEVELOPABILITY SENSOR
A0465	6535884	7/11/00	3/18/03	9/25/20	SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR PROVIDING AN ATTRIBUTE SYSTEM WITH PRIMITIVE SUPPORT OF DYNAMIC AND EVOLVABLE ROLES IN SUPPORT OF FLUID AND INTEGRATIVE APPLICATION DEVELOPMENT

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A0A57	6582872	8/27/01	6/24/03	8/27/21	PROCESS FOR FABRICATING ELECTROPHOTOGRAPHIC IMAGING MEMBER
A0661D	6582873	6/5/02	6/24/03	6/11/21	TONER COAGULANT PROCESSES
99842Q1D	6582989	12/7/01	6/24/03	6/9/20	PHOTOLITHOGRAPHICALLY-PATTERNED OUT-OF-PLANE COIL STRUCTURES AND METHOD OF MAKING
A0565	6583234	7/26/01	6/24/03	1/13/22	PROCESS FOR PREPARING WATERFASTNESS ADDITIVE
99780	6583449	5/7/01	6/24/03	5/7/21	SEMICONDUCTOR DEVICE AND METHOD OF FORMING A SEMICONDUCTOR DEVICE
96256	6583888	2/26/99	6/24/03	2/26/19	SYSTEM FOR MANAGING SERVICE ACCESS IN A MULTIFUNCTIONAL PRINTING SYSTEM
A0025	6583891	11/29/00	6/24/03	9/22/21	SYSTEMS AND METHODS OF ESTIMATING SHEET SUPPLIES IN A PRINTING SYSTEM
94666	6583897	11/24/99	6/24/03	11/24/19	NON-LOCAL APPROACH TO RESOLUTION ENHANCEMENT
99833	6584290	12/19/00	6/24/03	12/19/20	SYSTEM FOR PROVIDING INFORMATION FOR A CUSTOMER REPLACEABLE UNIT
99132	6584296	11/30/01	6/24/03	12/14/21	ELECTRO-MECHANICAL ROLL WITH CORE AND SEGMENTS
A1225	6584435	8/30/01	6/24/03	12/31/21	SYSTEMS AND METHODS FOR DETERMINING SPECTRA USING DYNAMIC KARHUNEN-LOEVE ALGORITHMS WITH MEASUREMENTS FROM LED COLOR SENSOR
97470	6584479	6/17/98	6/24/03	6/17/18	OVERLAY PRESENTATION OF TEXTUAL AND GRAPHICAL ANNOTATIONS
A0641	6584903	12/12/00	7/1/03	11/19/21	COLOR DIGITAL FRONT END DECOMPOSER OUTPUT TO MULTIPLE COLOR SPACES WITH ACTUAL OUTPUT OPTIONALLY BEING DETERMINED BY INPUT COLOR SPACES
A0033	6585163	8/21/00	7/1/03	12/20/20	ENCODED SHEET MATERIAL AND SYSTEM FOR PROCESSING
A0997	6585360	11/28/00	7/1/03	11/28/20	INK TANK CONSTRUCTION TO IMPROVE OPENING LEAKAGE AND INK SUPPLY/INK SENSING IN AN EASILY MOLDABLE DESIGN
A1502	6585816	11/9/01	7/1/03	1/23/22	PHASE CHANGE INKS CONTAINING BORATE ESTERS
A1006	6586148	1/31/02	7/1/03	1/31/22	IMAGING MEMBERS
A0433D	6586150	6/14/02	7/1/03	12/27/20	METHOD OF BLENDING TONERS WITH AN IMPROVED BLENDING TOOL
99290	6586318	12/28/99	7/1/03	12/28/19	THIN PHOSPHORUS NITRIDE FILM AS AN N-TYPE DOPING SOURCE USED IN LASER DOPING TECHNOLOGY
98753	6587221	10/29/99	7/1/03	10/29/19	SCANNING DEVICE AND METHOD
99735	6587227	12/9/99	7/1/03	12/9/19	COPIER HAVING CONTOURED TRACK GUIDES
99381	6587233	11/22/99	7/1/03	11/22/19	REMOVABLE BICOLORED PLATEN COVERS FOR IMAGE CAPTURE DEVICES
A1303	6587793	9/17/01	7/1/03	2/6/22	SYSTEMS AND METHODS FOR DETERMINING SPECTRA USING FUZZY INFERENCE ALGORITHMS WITH MEASUREMENTS FROM LED COLOR SENSOR