

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3252066

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST
CONVEYING PARTY DATA	
Name	Execution Date
BANK ONE, NA	06/25/2003
RECEIVING PARTY DATA	
Name:	XEROX CORPORATION
Street Address:	100 CLINTON AVENUE SOUTH
Internal Address:	XR2-20A
City:	ROCHESTER
State/Country:	NEW YORK
Postal Code:	14644
PROPERTY NUMBERS Total: 10	
Property Type	Number
Patent Number:	5513126
Patent Number:	5689642
Patent Number:	5657461
Patent Number:	5638427
Patent Number:	5524085
Patent Number:	5448375
Patent Number:	5680223
Patent Number:	5787422
Patent Number:	5999927
Patent Number:	5911140
CORRESPONDENCE DATA	
Fax Number:	(585)423-6059
<i>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.</i>	
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

PATENT

ATTORNEY DOCKET NUMBER:	LIEN RELEASE
NAME OF SUBMITTER:	CATHY WHITNEY
SIGNATURE:	/Cathy Whitney/
DATE SIGNED:	03/05/2015

Total Attachments: 13

source=5513126 5689642 5657461 5638427 5524085 5448375 5680223#page1.tif
 source=5513126 5689642 5657461 5638427 5524085 5448375 5680223#page2.tif
 source=5513126 5689642 5657461 5638427 5524085 5448375 5680223#page3.tif
 source=5513126 5689642 5657461 5638427 5524085 5448375 5680223#page4.tif
 source=5513126 5689642 5657461 5638427 5524085 5448375 5680223#page5.tif
 source=5513126 5689642 5657461 5638427 5524085 5448375 5680223#page6.tif
 source=5513126 5689642 5657461 5638427 5524085 5448375 5680223#page7.tif
 source=5513126 5689642 5657461 5638427 5524085 5448375 5680223#page8.tif
 source=5513126 5689642 5657461 5638427 5524085 5448375 5680223#page9.tif
 source=5513126 5689642 5657461 5638427 5524085 5448375 5680223#page10.tif
 source=5513126 5689642 5657461 5638427 5524085 5448375 5680223#page11.tif
 source=5513126 5689642 5657461 5638427 5524085 5448375 5680223#page12.tif
 source=5513126 5689642 5657461 5638427 5524085 5448375 5680223#page13.tif

Release of Security Interest on Patents

WHEREAS, by a certain Patent Security Agreement dated as of June 21, 2002 (the "**Agreement**"), Xerox Corporation (the "**Lien Grantor**") granted to Bank One, NA, as collateral agent (the "**Grantee**") a security interest in and lien on those patents, patent applications and patent licenses (collectively, the "**Patents**") owned by the Lien Grantor and set forth on Schedule A hereto;

WHEREAS, the Agreement was recorded with the United States Patent and Trademark Office on June 28, 2002 on reel 013153, frame 0001;

WHEREAS, Grantee desires to release its security interest in and lien on the Patents set forth on Schedule A hereto;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Grantee does hereby release its security interest in and lien on the Patents set forth on Schedule A hereto and reassigns to the Lien Grantor all right, title and interest of Grantee in and to such Patents.

Remainder of page intentionally left blank.

Date: June 25, 2003

BANK ONE, NA, as Collateral
Agent

By: Phillip D. Martin

Name: Phillip D. Martin
Title: Senior Vice President

Schedule A

See Attached.

RELEASE OF LIEN IN PATENTS

This RELEASE OF LIEN IN PATENTS, dated as of this 29th day of November, 2007, is made by JPMORGAN CHASE BANK, N.A., a national banking association with an office located at 270 Park Avenue, 4th Floor, New York, New York 10017, successor by merger to Bank One, NA, as Collateral Agent ("**Assignor**") in favor of XEROX CORPORATION, a New York corporation, located at 45 Glover Avenue, P.O. Box 4505, Norwalk, Connecticut 06856-4505 ("**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, Bank One, NA, as Administrative Agent, Collateral Agent and LC Issuing Bank, JPMorgan Chase Bank, as Documentation Agent, and Citibank, N.A., as Syndication Agent, are parties to an Amended and Restated Credit Agreement dated as of June 21, 2002 (as amended from time to time, the "**Credit Agreement**"); and

WHEREAS, Assignee secured certain of its obligations (the "**Secured Obligations**") by granting to Bank One, NA 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 21, 2002 entered into pursuant to the Credit Agreement (as amended and/or supplemented from time to time, the "**Security Agreement**") among Assignee, Bank One, NA, and the Subsidiary Guarantors party thereto and (ii) certain other Security Documents (as defined in the Credit Agreement) to which Bank One, NA and Assignee are party, including without limitation:

(a) a Patent Security Agreement, dated as of June 21, 2002 and recorded in the U.S. Patent and Trademark Office on July 30, 2002 at Reel 013111/Frame 0001 (the "**July Agreement**"); and

(b) a Patent Security Agreement, dated as of June 21, 2002 and recorded in the U.S. Patent and Trademark Office on June 28, 2002 at Reel 013153/Frame 0001 (the "**June Agreement**") (the June Agreement and July Agreement entered into by the parties pursuant to the Credit Agreement are hereinafter collectively referred to as the "**Patent Security Agreements**"); and

WHEREAS, the Secured Obligations have been paid and performed in full (other than any contingent or indemnification obligations which by the terms of the Credit Agreement survive repayment of loans thereunder), and the requirements of the Credit Agreement for discharge of the liens in the Patent Collateral have been satisfied; and

WHEREAS, Assignor is a successor by merger to Bank One, NA;

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 (as defined in the Security Agreement) owned by the Assignee and identified in or pledged to the Assignor pursuant to the Patent Security Agreements;
- (ii) each Patent License (as defined in the Security Agreement) to which the Assignee is a party pledged to the Assignor pursuant to the Patent Security Agreements; 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 and referred to in the preceding clause (i) or (ii) (including, without limitation, any Patent identified in or pledged to Assignor pursuant to the Patent Security Agreements).

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

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.,
Successor by merger to Bank One, NA,
as Collateral Agent

By: _____

Name: SHARON GAZBAG

Title: VICE PRESIDENT

US ISSUED PATENTS IN FORCE, SORTED BY EXPIRATION DATE

Docket Number	Patent Number	Docket File Date	Docket Issue Date	Expiration Date	Docket Title
93257	5459008	06/29/94	10/17/95	06/29/14	METHOD AND APPARATUS FOR TONER RELEASE FROM TRANSFER MEMBER TO PAPER
93408	5434657	06/29/94	07/18/95	06/29/14	BRUSH FOR APPLYING RELEASE AGENT TO INTERMEDIATE TRANSFER MEMBER
93642	5424160	06/29/94	06/13/95	06/29/14	CONDUCTIVE CARRIER COATINGS AND PROCESSES FOR THE PREPARATION THEREOF
94255	5533720	06/29/94	07/09/96	06/29/14	SHEET CONTROL BAFFLE FOR USE IN AN ELECTROPHOTOGRAPHIC PRINTING MACHINE
94289	5438396	06/29/94	08/01/95	06/29/14	TONER ANTI-DRIbble DEVICE FOR FILL EQUIPMENT HAVING VERTICAL FILL FUNNEL AND AUGER FEEDING
92618	5480751	06/30/94	01/02/96	06/30/14	TRILEVEL BACKGROUND SUPPRESSION SCHEME USING AN AC SCOROTRON WITH FRONT ERASE
93585	5451483	06/30/94	09/19/95	06/30/14	LIQUID DEVELOPER COMPOSITIONS
94196	5534895	06/30/94	07/09/96	06/30/14	ELECTRONIC AUTO-CORRECTION OF MISALIGNED SEGMENTED PRINTBARS
93171	5481142	07/01/94	01/02/96	07/01/14	TUNED VIBRATION ABSORBERS FOR AC MOTORS
93458	5638427	07/01/94	06/10/97	07/01/14	OPERATOR CONTROLLED INTERACTIVE DEVICE
93612	5491538	07/05/94	02/13/96	07/05/14	DEVELOPMENT APPARATUS HAVING AN ADJUSTABLE WIDTH DEVELOPMENT NIP
94016	5404367	07/05/94	04/04/95	07/05/14	SCANNER DROOP AND CROSS TALK CORRECTION
94114	5477315	07/05/94	12/19/95	07/05/14	ELECTROSTATIC COUPLING FORCE ARRANGEMENT FOR APPLYING VIBRATORY MOTION TO A FLEXIBLE PLANAR MEMBER
94148	5449719	07/05/94	09/12/95	07/05/14	TWO-STEP PROCESS FOR THE PREPARATION OF UNSATURATED POLYESTER
94197	5436730	07/05/94	07/25/95	07/05/14	METHOD OF MANAGING A PROOF APPROVAL PROCESS FOR PROOFING DOCUMENTS IN A PRINTING SYSTEM
93407	5482741	07/06/94	01/09/96	07/06/14	SURFACE-TREATED CHARGE CONTROL AGENTS, AND METHOD FOR PRODUCING THE SAME
93635	5558904	07/08/94	09/24/96	07/08/14	ELECTROLUMINESCENT DEVICES CONTAINING A CONJUGATED POLYMER OBTAINED VIA HALOGEN PRECURSOR ROUTE CHEMISTRY
93529	5572599	07/11/94	11/05/96	07/11/14	MONOCHROME TO FULL COLOR SCALEABLE IMAGE PROCESSING SYSTEM FOR PRINTING SYSTEMS AND MACHINES
93662	5502555	07/11/94	03/26/96	07/11/14	PRINTING SYSTEM HAVING AN IMAGE CHARACTERISTICS AUTOMATIC METHOD AND APPARATUS FOR COPY SHEET RESELECTION
94069	5559540	07/12/94	09/24/96	07/12/14	APPARATUS AND METHOD FOR PROVIDING A HYDROPHOBIC COATING ON AN INK JET PRINTING HEAD
94469	5610699	07/12/94	03/11/97	07/12/14	PHOTORECEPTOR CLEANING APPARATUS AND METHOD
944691	5835838	11/26/96	11/10/98	07/12/14	PHOTORECEPTOR CLEANING/CONTAMINATION PREVENTION SYSTEM

US ISSUED PATENTS IN FORCE, SORTED BY EXPIRATION DATE

Docket Number	Patent Number	Docket File Date	Docket Issue Date	Expiration Date	Docket Title
92695	5520977	07/29/94	05/28/96	07/29/14	SELF BIASING TRANSFER ROLL
93583	5441837	07/29/94	08/15/95	07/29/14	PHOTOCONDUCTIVE IMAGING MEMBERS WITH ACETOXYMETAL PHTHALOCYANINES
93619	5581657	07/29/94	12/03/96	07/29/14	SYSTEM FOR INTEGRATING MULTIPLE GENETIC ALGORITHM APPLICATIONS
93677	5476256	07/29/94	12/19/95	07/29/14	DISK STACKER INCLUDING PASSIVE SHEET REGISTRATION ASSIST SYSTEM
94398	5427882	07/29/94	06/27/95	07/29/14	LOW MELT POLYESTER IMIDE TONER COMPOSITIONS
92626	5449163	08/01/94	09/12/95	08/01/14	FULL PRODUCTIVITY HIGH PERFORMANCE INVERTER
92693	5467183	08/01/94	11/14/95	08/01/14	ELECTROSTATIC COLOR PRINTING SYSTEM WITH SONIC TONER RELEASE DEVELOPMENT
93168	5615015	08/01/94	03/25/97	08/01/14	APPARATUS AND METHOD OF PROGRAMMING A JOB TO BE PROCESSED AT A LOCATION OTHER THAN THE LOCATION AT WHICH THE JOB IS PREPARED
94144	5486445	08/01/94	01/23/96	08/01/14	TONER AND DEVELOPER COMPOSITIONS WITH DIBLOCK COMPATIBILIZERS
94343	5610795	08/01/94	03/11/97	08/01/14	SELF BIASING CHARGING MEMBER
93558	5608821	08/03/94	03/04/97	08/03/14	METHOD OF HIGH ADDRESSABILITY ERROR DIFFUSION
94389	5528384	08/03/94	06/18/96	08/03/14	SYSTEM AND METHOD FOR IMPLEMENTING FAST HIGH ADDRESSABILITY ERROR DIFFUSION PROCESS
9053111	5654117	03/31/95	08/05/97	08/05/14	PROCESS FOR PREPARING AN ELECTROPHOTOGRAPHIC IMAGING MEMBER
92132Q	5655131	12/18/92	08/05/97	08/05/14	SIMD ARCHITECTURE FOR CONNECTION TO HOST PROCESSORS BUS
93404	5516612	08/05/94	05/14/96	08/05/14	TONER AND DEVELOPER COMPOSITIONS AND PROCESSES THEREOF
94123	5655058	04/12/94	08/05/97	08/05/14	SEGMENTATION OF AUDIO DATA FOR INDEXING OF CONVERSATIONAL SPEECH FOR REAL TIME OR POSTPROCESSING APPLICATIONS
94209	5573236	08/05/94	11/12/96	08/05/14	VARIABLE SHEET GUIDE POSITION SENSOR
94296	5506745	08/05/94	04/09/96	08/05/14	HOLLOW CONFORMABLE TRANSFER CHARGE ROLL
A0249D	5645888	08/05/94	07/08/97	08/05/14	REACTIVE INK COMPOSITIONS AND SYSTEM
93535	5488466	08/08/94	01/30/96	08/08/14	LIQUID DEVELOPMENT SYSTEM
94067C	5579087	01/16/96	11/26/96	08/09/14	CONSTRUCTING A MULTI-SEGMENT PRINT JOB FROM MULTIPLE LOCAL OR REMOTE SOURCES USING A NETWORK INTERFACE
93575	5531872	08/11/94	07/02/96	08/11/14	PROCESSES FOR PREPARING PHOTOCONDUCTIVE MEMBERS BY ELECTROPHORESIS
94055	5656720	09/30/94	08/12/97	08/12/14	HIGH WEAR RESISTANCE LOW COMPRESSION SET POLYURETHANE
92365	5657461	10/04/93	08/12/97	08/12/14	USER INTERFACE FOR DEFINING AND AUTOMATICALLY TRANSMITTING DATA ACCORDING TO PREFERRED COMMUNICATION CHANNELS
93472	5657065	01/03/94	08/12/97	08/12/14	POROUS MEDIUM FOR INK DELIVERY SYSTEMS

US ISSUED PATENTS IN FORCE SORTED BY EXPIRATION DATE

Docket Number	Patent Number	Docket File Date	Docket Issue Date	Expiration Date	Docket Title
94125	5596399	09/12/94	01/21/97	09/12/14	COMPACT DOCUMENT MEASURING SYSTEM FOR ELECTRONIC DOCUMENT IMAGING
94176	5486028	09/12/94	01/23/96	09/12/14	SUBSTRATE HOLDING APPARATUS
94221	5524085	09/12/94	06/04/96	09/12/14	MULTIMEDIA JOB TICKETS FOR PRINTING MACHINES
94384C	5982799	03/17/97	11/09/99	09/14/14	MULTIPLE-WAVELENGTH LASER DIODE ARRAY USING QUANTUM WELL BAND FILLING
94644	5477307	09/14/94	12/19/95	09/14/14	APPARATUS FOR DISPERSING AND/OR TRANSPORTING PARTICULATES
93671	5535019	09/15/94	07/09/96	09/15/14	ERROR DIFFUSION HALFTONING WITH HOMOGENEOUS RESPONSE IN HIGH/LOW INTENSITY IMAGE REGIONS
94103	5502544	09/15/94	03/26/96	09/15/14	PARAMETER BASED DIGITAL SERVO CONTROLLER
94122	5530537	09/15/94	06/25/96	09/15/14	BIASED FOAM ROLL CLEANER
94392	5659766	09/16/94	08/19/97	09/16/14	METHOD AND APPARATUS FOR INFERRING THE TOPICAL CONTENT OF A DOCUMENT BASED UPON ITS LEXICAL CONTENT WITHOUT SUPERVISION
94100	5517230	09/19/94	05/14/96	09/19/14	CONTROL SYSTEM FOR A VARIABLE-RESOLUTION RASTER OUTPUT SCANNER
94170	5484675	09/19/94	01/16/96	09/19/14	TONER COMPOSITIONS WITH HALOSILANATED PIGMENTS
94170QD	6268100	09/18/00	07/31/01	09/19/14	CARRIER PARTICLES WITH HALOSILANATED PIGMENTS
93345	5529238	09/20/94	06/25/96	09/20/14	GOLD TO GOLD SUBSTRATE BONDING SYSTEM UTILIZING INTERFEROMETRIC PLANARIZATION FEEDBACK
A0258	5510821	09/20/94	04/23/96	09/20/14	SOLID INK STICK
900631D1	5670078	06/07/95	09/23/97	09/23/14	MAGNETIC AND NONMAGNETIC PARTICLES AND FLUID, METHODS OF MAKING AND METHODS OF USING THE SAME
93178	5670984	10/26/93	09/23/97	09/23/14	IMAGE LENS
94126	5513839	09/23/94	05/07/96	09/23/14	DUAL MODE SET STACKING TAMPER AND SHEET FEEDER OFFSET SYSTEM
93310	5598181	09/26/94	01/28/97	09/26/14	METHOD AND APPARATUS FOR ROTATING A DIGITAL IMAGE NINETY DEGREES USING A SMALL AUXILIARY BUFFER
93641	5514763	09/26/94	05/07/96	09/26/14	STYRENE/BUTADIENE TONER RESINS WITH EXCELLENT GLOSS AND FIX PROPERTIES
94351	5649071	09/26/94	07/15/97	09/26/14	IMAGE PROCESSING METHOD TO REDUCE MARKING MATERIAL COVERAGE IN SEQUENTIAL COLOR PRINTING PROCESSES
91647	5434030	09/28/94	07/18/95	09/28/14	TONER COMPOSITIONS CONTAINING IONIC DYES AND COMPLEX IONOPHORE OR IONOMERIC POLYMERIC MATERIALS
94659	5581753	09/28/94	12/03/96	09/28/14	METHOD FOR PROVIDING SESSION CONSISTENCY GUARANTEES
93514	5559579	09/29/94	09/24/96	09/29/14	CLOSED-LOOP DEVELOPABILITY CONTROL IN A XEROGRAPHIC COPIER OR PRINTER
93640	5525449	09/29/94	06/11/96	09/29/14	LIQUID DEVELOPER COMPOSITIONS WITH ALCOHOL
94130	5591559	09/29/94	01/07/97	09/29/14	SUPERCRITICAL TONER PROCESSES

US ISSUED PATENTS IN FORCE, SORTED BY EXPIRATION DATE

Docket Number	Patent Number	Docket File Date	Docket Issue Date	Expiration Date	Docket Title
94279	5543829	10/19/94	08/06/96	10/19/14	METHOD AND APPARATUS FOR ADJUSTING THE CURVATURE OF A FOLDING MIRROR IN A RASTER SCANNING SYSTEM
94204	5467180	10/20/94	11/14/95	10/20/14	HIGH AIR FLOW LOW PRESSURE PREFUSER TRANSPORT
94627	5464309	10/20/94	11/07/95	10/20/14	DUAL WALL MULTI-EXTRACTION TUBE RECOVERY WELL
90557	5680204	10/12/94	10/21/97	10/21/14	DUAL SCANNING ELECTRONIC REPROGRAPHIC DOCUMENT HANDLER
91582C	5680223	05/15/95	10/21/97	10/21/14	METHOD AND SYSTEM FOR LABELING A DOCUMENT FOR STORAGE, MANIPULATION, AND RETRIEVAL
94395	5603790	10/27/94	02/18/97	10/27/14	PROCESS FOR FABRICATING BELTS
94278	5563647	10/24/94	10/08/96	10/24/14	METHOD AND APPARATUS FOR REDUCING DIFFERENCES IN IMAGE HEIGHTS OF IMAGES GENERATED BY PLURAL LIGHT BEAMS HAVING DISSIMILAR WAVELENGTHS
94280	5617133	10/24/94	04/01/97	10/24/14	METHOD AND APPARATUS FOR ADJUSTING ORIENTATION OF LIGHT BEAMS IN A RASTER SCANNING SYSTEM
94346	5455656	10/24/94	10/03/95	10/24/14	AUTOMATIC VARIABLE PITCH RECONFIGURATION CONTROL IN AN ELECTROSTATOGRAPHIC PRINTING MACHINE
94436	5500969	10/24/94	03/26/96	10/24/14	DUAL POLARITY COMMUTATED ROLL ELECTROSTATIC CLEANER WITH ACOUSTIC TRANSFER ASSIST
94585	5609306	10/24/94	03/11/97	10/24/14	EDUCTOR LINER ARTICLE AND METHOD OF USE
A0237C	5677718	10/24/94	10/14/97	10/24/14	DROP-ON-DEMAND INK JET PRINT HEAD HAVING IMPROVED PURGING PERFORMANCE
94140	5447791	10/26/94	09/05/95	10/26/14	CONDUCTIVE POWDER COATING MATERIALS AND PROCESS FOR THE PREPARATION THEREOF
93659Q	5619233	10/27/94	04/08/97	10/27/14	BIDIRECTIONAL INK JET PRINTING WITH HEAD SIGNATURE REDUCTION
94101	5604860	10/27/94	02/18/97	10/27/14	FEATURE LIBRARY AND STORED CUSTOMIZED CONTROL INTERFACES
94299	5617129	10/27/94	04/01/97	10/27/14	IONOGRAPHIC PRINTING WITH A FOCUSED ION STREAM CONTROLLABLE IN TWO DIMENSIONS
91232C	5682540	12/08/94	10/28/97	10/28/14	SYSTEM FOR REPRESENTING ELECTRONIC FILES USING A PAPER BASED MEDIUM
91294CD	5607876	12/29/95	03/04/97	10/28/14	QUANTUM CONFINEMENT SEMICONDUCTOR LIGHT-EMITTING DEVICES
92448	5682192	12/09/93	10/28/97	10/28/14	APPARATUS AND METHOD FOR DIGITAL HYBRID-TONE GRAY SCALE REPRODUCTION
93102	5560957	10/28/94	10/01/96	10/28/14	ELECTROLUMINESCENT DEVICE
93538	5521125	10/28/94	05/28/96	10/28/14	PRECISION DICING OF SILICON CHIPS FROM A WAFER
93541	5493423	10/28/94	02/20/96	10/28/14	RESETTABLE PIXEL AMPLIFIER FOR AN IMAGE SENSOR ARRAY
94190	5682467	09/29/94	10/28/97	10/28/14	ARBITRATING APPARATUS FOR CONTROLLING SELECTIVE ACCESS OF MULTIPLE BUS MASTERS TO A PRINTING SYSTEM VIDEO BUS
90471	5589870	10/31/94	12/31/96	10/31/14	SPOT PROFILE CONTROL USING FRACTIONAL INTERLACE FACTORS IN A POLYGON ROS

US ISSUED PATENTS IN FORCE SORTED BY EXPIRATION DATE

Docket Number	Patent Number	Docket File Date	Docket Issue Date	Expiration Date	Docket Title
93192	5612791	12/12/95	03/18/97	12/12/15	BOUND DOCUMENT IMAGER WITH AIR JET PAGE TURNING SYSTEM
94839	5641346	12/13/95	06/24/97	12/13/15	INK JET INK COMPOSITIONS AND RECORDING PROCESSES
95414	5628464	12/13/95	05/13/97	12/13/15	FLUIDIZED BED JET MILL NOZZLE AND PROCESSES THEREWITH
94391Q	5727222	12/14/95	03/10/98	12/14/15	METHOD OF PARSING UNIFICATION BASED GRAMMARS USING DISJUNCTIVE LAZY COPY LINKS
94395Q	5848191	12/14/95	12/08/98	12/14/15	AUTOMATIC METHOD OF GENERATING THEMATIC SUMMARIES FROM A DOCUMENT IMAGE WITHOUT PERFORMING CHARACTER RECOGNITION
94395Q2	5892842	12/14/95	04/06/99	12/14/15	AUTOMATIC METHOD OF IDENTIFYING SENTENCE BOUNDARIES IN A DOCUMENT IMAGE
94395Q3	5850476	12/14/95	12/15/98	12/14/15	AUTOMATIC METHOD OF IDENTIFYING DROP WORDS IN A DOCUMENT IMAGE WITHOUT PERFORMING CHARACTER RECOGNITION
95395	5997121	12/14/95	12/07/99	12/14/15	SENSING SYSTEM FOR DETECTING PRESENCE OF AN INK CONTAINER AND LEVEL OF INK THEREIN
95395D	6234603	05/06/99	05/22/01	12/14/15	SENSING SYSTEM FOR DETECTING PRESENCE OF AN INK CONTAINER AND LEVEL OF INK THEREIN
95552	5787420	12/14/95	07/28/98	12/14/15	METHOD OF ORDERING DOCUMENT CLUSTERS WITHOUT REQUIRING KNOWLEDGE OF USER INTERESTS
95552Q	5911140	12/14/95	06/08/99	12/14/15	METHOD OF ORDERING DOCUMENT CLUSTERS GIVEN SOME KNOWLEDGE OF USER INTERESTS
95115	5717514	12/15/95	02/10/98	12/15/15	POLYCHROMAL SEGMENTED BALLS FOR A TWISTING BALL DISPLAY
95115D1	5919409	07/10/97	07/06/99	12/15/15	A METHOD FOR FABRICATING POLYCHROMAL SEGMENTED BALLS FOR A TWISTING BALL DISPLAY
95115D2	5891479	07/10/97	04/06/99	12/15/15	APPARATUS FOR FABRICATING POLYCHROMAL SEGMENTED BALLS FOR A TWISTING BALL DISPLAY
95115Q1	5708525	12/15/95	01/13/98	12/15/15	APPLICATIONS OF A TRANSMISSIVE TWISTING BALL DISPLAY
95115Q2	5717515	12/15/95	02/10/98	12/15/15	CANTED ELECTRIC FIELDS FOR ADDRESSING A TWISTING BALL DISPLAY
95115Q3	5760761	12/15/95	06/02/98	12/15/15	HIGHLIGHT COLOR TWISTING BALL DISPLAY
95115Q4	5751268	12/15/95	05/12/98	12/15/15	PSEUDO-FOUR COLOR TWISTING BALL DISPLAY
95116	5892497	12/15/95	04/06/99	12/15/15	ADDITIVE COLOR TRANSMISSIVE TWISTING BALL DISPLAY
95116Q1	5767826	12/15/95	06/16/98	12/15/15	SUBTRACTIVE COLOR TWISTING BALL DISPLAY
95116Q2	5739801	12/15/95	04/14/98	12/15/15	MULTITHRESHOLD ADDRESSING OF A TWISTING BALL DISPLAY
95116Q3	5982346	12/15/95	11/09/99	12/15/15	FABRICATION OF A TWISTING BALL DISPLAY HAVING TWO OR MORE DIFFERENT KINDS OF BALLS
95271	5737115	12/15/95	04/07/98	12/15/15	ADDITIVE COLOR TRISTATE LIGHT VALVE TWISTING BALL DISPLAY
95403	5828771	12/15/95	10/27/98	12/15/15	METHOD AND ARTICLE OF MANUFACTURE FOR DETERMINING WHETHER A SCANNED IMAGE IS AN ORIGINAL IMAGE OR A FAX IMAGE
95567	5774591	12/15/95	06/30/98	12/15/15	APPARATUS AND METHOD FOR RECOGNIZING FACIAL EXPRESSIONS AND FACIAL GESTURES IN A SEQUENCE OF IMAGES

US ISSUED PATENTS IN FORCE, SORTED BY EXPIRATION DATE

Docket Number	Patent Number	Docket File Date	Docket Issue Date	Expiration Date	Docket Title
R91020	5273274	09/04/92	12/28/93	09/04/12	SHEET FEEDING SYSTEM WITH LATERAL REGISTRATION AND METHOD FOR REGISTERING SHEETS
R91023	5265859	09/04/92	11/30/93	09/04/12	SHEET FEED APPARATUS
91582	5448375	03/20/92	09/05/95	09/05/12	METHOD AND SYSTEM FOR LABELING A DOCUMENT FOR STORAGE, MANIPULATION, AND RETRIEVAL
92018	5408329	09/08/92	04/18/95	09/08/12	IMAGE ENHANCEMENT THROUGH DIGITAL DARKNESS CONTROL
92362	5257070	09/08/92	10/26/93	09/08/12	SELECTIVE CONTROL OF DISTRIBUTED DRIVES TO MAINTAIN INTERDOCUMENT GAP DURING JAM RECOVERY PURGE
92431	5264256	09/08/92	11/23/93	09/08/12	APPARATUS AND PROCESS FOR GLOW DISCHARGE COMPRISING SUBSTRATE TEMPERATURE CONTROL BY SHUTTER ADJUSTMENT
90541	5289955	09/09/92	03/01/94	09/09/12	TRI-LEVEL HIGHLIGHT COLOR REPLENISHER
R90009	5211521	09/09/92	05/18/93	09/09/12	DEVICE FOR USE IN LOCATING/SECURING REMOVABLE COMPONENTS
91583	5300968	09/10/92	04/05/94	09/10/12	APPARATUS FOR STABILIZING THERMAL INK JET PRINTER SPOT SIZE
R91014	5272509	09/10/92	12/21/93	09/10/12	LIQUID DISPENSING APPARATUS
85246CCC	5450598	03/18/92	09/12/95	09/12/12	FINITE STATE MACHINE DATA STORAGE WHERE DATA TRANSITION IS ACCOMPLISHED WITHOUT THE USE OF POINTERS
89213	5450107	12/27/91	09/12/95	09/12/12	SURFACE RIPPLE WAVE SUPPRESSION BY ANTI-REFLECTION IN APERTURED FREE INK SURFACE LEVEL CONTROLLERS FOR ACOUSTIC INK PRINTERS
89285TI	5450541	04/12/94	09/12/95	09/12/12	METHOD OF APPLYING ELECTRONICALLY STORED LABELS TO A PRINT JOB
91343I	5450119	05/20/93	09/12/95	09/12/12	SINGLE PASS COLOR PRINTER
91498C	5450571	08/19/94	09/12/95	09/12/12	DIALOG FILTERING PROCESS FOR A PRINTING SYSTEM TO FILTER OUT NON-SELECTABLE PRINT PROGRAMMING SELECTIONS
91130	5204699	09/14/92	04/20/93	09/14/12	APPARATUS FOR ESTIMATING TONER USAGE
92272	5288574	09/14/92	02/22/94	09/14/12	PTHALOCYANINE IMAGING MEMBERS AND PROCESSES
92273	5334478	09/14/92	08/02/94	09/14/12	OXYTITANIUM PHTHALOCYANINE IMAGING MEMBERS AND PROCESSES THEREOF
91155	5257079	09/17/92	10/26/93	09/17/12	ELECTROSTATIC BRUSH CLEANER WITH A SECONDARY CLEANER
92278	5254158	09/17/92	10/19/93	09/17/12	INK JET INK COMPOSITIONS
90262	5264943	09/18/92	11/23/93	09/18/12	APPARATUS AND METHOD FOR PROVIDING ACCURATE LAYER REGISTRATION FOR MULTIPLE LAYER ELECTRONIC PRINTING SYSTEMS
90263	5233367	09/18/92	08/03/93	09/18/12	MULTIPLE BEAM INTERLACED SCANNING SYSTEM
91088	5232812	09/18/92	08/03/93	09/18/12	METHOD OF FORMING IMAGES USING CURABLE LIQUID
91140	5260725	09/18/92	11/09/93	09/18/12	METHOD AND APPARATUS FOR REGISTRATION OF SEQUENTIAL IMAGES IN A SINGLE PASS, COLOR XEROGRAPHIC PRINTER
91568	5264872	09/18/92	11/23/93	09/18/12	RASTER OUTPUT SCANNER WITH IMPROVED PROCESS DIRECTION REGISTRATION

US ISSUED PATENTS IN FORCE SORTED BY EXPIRATION DATE

Docket Number	Patent Number	Docket File Date	Docket Issue Date	Expiration Date	Docket Title
92343	5313252	09/29/93	05/17/94	09/29/13	APPARATUS AND METHOD FOR MEASURING AND CORRECTING IMAGE TRANSFER SMEAR
93377	5333848	09/29/93	08/02/94	09/29/13	RETARD FEEDER
93453	5379668	09/29/93	01/10/95	09/29/13	TRIMMER BLOWER AND HIGH CAPACITY WASTE BIN
88383	5374043	09/30/93	12/20/94	09/30/13	SORTER WITH STAPLER ACTIVATED RELEASE GATE MECHANISM
92065	5337135	09/30/93	08/09/94	09/30/13	HIGHER PRODUCTIVITY TRAYLESS DUPLEX PRINTER WITH VARIABLE PATH VELOCITY
92644	5509108	09/30/93	04/16/96	09/30/13	APPARATUS AND METHOD FOR CONTROLLING A PRINTING MACHINE
88168	5561787	03/07/89	10/01/96	10/01/13	USER INTERFACE MODULE
91759	5561777	08/30/93	10/01/96	10/01/13	PROCESS FOR SEQUENTIALLY READING A PAGE FROM AN IMAGE MEMORY IN EITHER OF TWO DIRECTIONS
92142	5561811	11/10/92	10/01/96	10/01/13	METHOD AND APPARATUS FOR PER-USER CUSTOMIZATION OF APPLICATIONS SHARED BY A PLURALITY OF USERS ON A SINGLE DISPLAY
93019C	5517328	02/16/95	05/14/96	10/01/13	WOBBLE AND BOW CORRECTION BY DUAL SPOT PIXEL INTENSITY PROPORTIONING
93019Q	5357106	10/01/93	10/18/94	10/01/13	SENSOR FOR DETECTING BEAM POSITION AND START OF SCAN POSITION
91686	5348282	10/04/93	09/20/94	10/04/13	SELF ADJUSTING FEED ROLL
91699D	5686224	07/19/95	11/11/97	10/04/13	INK JET PRINTHEAD HAVING CHANNEL STRUCTURES INTEGRALLY FORMED THEREIN
92227	5357352	10/04/93	10/18/94	10/04/13	IMAGE-DEPENDENT COLOR SHIFTING OF STRONGLY COLOR SHIFTED IMAGES
92363	5513126	10/04/93	04/30/96	10/04/13	NETWORK HAVING SELECTIVELY ACCESSIBLE RECIPIENT PRIORITIZED COMMUNICATION CHANNEL PROFILES
923631	5689642	11/22/95	11/18/97	10/04/13	RECIPIENT PRIORITIZED COMMUNICATION CHANNEL PROFILES
92556	5393630	10/04/93	02/28/95	10/04/13	MELT MIXING PROCESSES
93199	5430530	10/04/93	07/04/95	10/04/13	ADMIX HOUSING
93389	5404232	10/04/93	04/04/95	10/04/13	CALIBRATION SYSTEM FOR A RASTER INPUT SCANNER
93441	5364087	10/04/93	11/15/94	10/04/13	TILTING TRAY FOR FEEDING AND STACKING SPECIALIZED FORMS
93393C	5596656	10/26/95	01/21/97	10/06/13	UNISTROKES FOR COMPUTERIZED INTERPRETATION OF HANDWRITING
92228	5414538	10/07/93	05/09/95	10/07/13	IMAGE-DEPENDENT EXPOSURE ENHANCEMENT
92454	5450502	10/07/93	09/12/95	10/07/13	IMAGE-DEPENDENT LUMINANCE ENHANCEMENT
85246CCC	5564058	05/25/95	10/08/96	10/08/13	STORED STRING DATA WITH ENCODED DATA UNITS FROM SUBRANGES OF VALUES THAT INDICATE SEARCH INFORMATION
D2					

US ISSUED PATENTS IN FORCE SORTED BY EXPIRATION DATE

Docket Number	Patent Number	Docket File Date	Docket Issue Date	Expiration Date	Docket Title
95262Q1	5609333	01/11/96	03/11/97	01/11/16	SHEET STACK HEIGHT CONTROL SYSTEM
95262Q2	5599009	01/11/96	02/04/97	01/11/16	STACKING HEIGHT ESTIMATION CORRECTION SYSTEM
95285	5787422	01/11/96	07/28/98	01/11/16	METHOD AND APPARATUS FOR INFORMATION ACCESS EMPLOYING OVERLAPPING CLUSTERS
95285D	5999927	04/24/98	12/07/99	01/11/16	METHOD AND APPARATUS FOR INFORMATION ACCESS EMPLOYING OVERLAPPING CLUSTERS
95295	5669041	01/11/96	09/16/97	01/11/16	RETRACTING CLEANER WITH DEFINED PIVOT POINTS AND/OR SLIDING SEALS
95361	5602635	01/11/96	02/11/97	01/11/16	RAPID WAKE UP FUSER
95364	5610702	01/11/96	03/11/97	01/11/16	COLOR XEROPRINTING MASTER AND PROCESS
95364Q	5670285	01/11/96	09/23/97	01/11/16	COLOR XEROPRINTING MASTER
95365	5714536	01/11/96	02/03/98	01/11/16	MAGNETIC NANOCOMPASS COMPOSITIONS AND PROCESSES FOR MAKING AND USING
95365D	5889091	10/24/97	03/30/99	01/11/16	MAGNETIC NANOCOMPASS COMPOSITIONS AND PROCESSES FOR MAKING AND USING
95397	5634188	01/11/96	05/27/97	01/11/16	REPRODUCTION MACHINE HAVING A HIGH CAPACITY CASSETTE TRAY ASSEMBLY
95412	5583628	01/11/96	12/10/96	01/11/16	COPYING MACHINE HAVING AN ACTIVE STAPLE REMOVING APPARATUS
95463	5663023	01/11/96	09/02/97	01/11/16	SIMULATED PHOTOGRAPHIC-QUALITY PRINTS USING A TRANSPARENT SUBSTRATE CONTAINING A WRONG READING IMAGE AND A BACKING SHEET CONTAINING A RIGHT READING IMAGE OF THE SAME INFORMATION
95466	5683520	01/11/96	11/04/97	01/11/16	METHOD OF CLEANING AN INK STORAGE MATERIAL
95467	5612157	01/11/96	03/18/97	01/11/16	CHARGE BLOCKING LAYER FOR ELECTROPHOTOGRAPHIC IMAGING MEMBER
95486	5653439	01/11/96	08/05/97	01/11/16	EXIT TRAY CORRUGATION SLIP ROLLS WITH A VARIABLE FORCE IDLER
95494	5841900	01/11/96	11/24/98	01/11/16	METHOD FOR GRAPH-BASED TABLE RECOGNITION
95536	5657983	01/11/96	08/19/97	01/11/16	WEAR RESISTANT REGISTRATION EDGE GUIDE
95568	5576816	01/11/96	11/19/96	01/11/16	TONER CARTRIDGE INTERNAL PLUG
95570	5714287	01/11/96	02/03/98	01/11/16	SIMULATED PHOTOGRAPHIC-QUALITY PRINTS USING A TRANSPARENT SUBSTRATE CONTAINING A WRONG READING IMAGE AND A BACKING SHEET CONTAINING AN ADHESIVE COATING WHICH ENHANCES IMAGE OPTICAL DENSITY
95571	5646744	01/11/96	07/08/97	01/11/16	SHOW-THROUGH CORRECTION FOR TWO-SIDED DOCUMENTS
95571D	5832137	05/01/97	11/03/98	01/11/16	SHOW-THROUGH CORRECTION FOR TWO-SIDED DOCUMENTS
95572	5740506	01/11/96	04/14/98	01/11/16	TONER CARTRIDGE BREATHER CAP