

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3000186

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: 13

Property Type	Number
Application Number:	10612062
Application Number:	10612261
Application Number:	10612246
Application Number:	10612368
Application Number:	10612248
Application Number:	10612063
Application Number:	10612084
Application Number:	10712200
Application Number:	10721724
Application Number:	10712203
Patent Number:	6629134
Patent Number:	6590586
Patent Number:	6647535

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.

Phone: 5036854228

Email: Rae.Hughes@xerox.com

Correspondent Name: RAE HUGHES

PATENT

Address Line 1: 100 CLINTON AVENUE, SOUTH
Address Line 2: MS XRX2-20A
Address Line 4: ROCHESTER, NEW YORK 14644

ATTORNEY DOCKET NUMBER:	015722-2
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: 17

source=JP Morgan 015722-2 Lien Releases#page1.tif
source=JP Morgan 015722-2 Lien Releases#page2.tif
source=JP Morgan 015722-2 Lien Releases#page3.tif
source=JP Morgan 015722-2 Lien Releases#page4.tif
source=JP Morgan 015722-2 Lien Releases#page5.tif
source=JP Morgan 015722-2 Lien Releases#page6.tif
source=JP Morgan 015722-2 Lien Releases#page7.tif
source=JP Morgan 015722-2 Lien Releases#page8.tif
source=JP Morgan 015722-2 Lien Releases#page9.tif
source=JP Morgan 015722-2 Lien Releases#page10.tif
source=JP Morgan 015722-2 Lien Releases#page11.tif
source=JP Morgan 015722-2 Lien Releases#page12.tif
source=JP Morgan 015722-2 Lien Releases#page13.tif
source=JP Morgan 015722-2 Lien Releases#page14.tif
source=JP Morgan 015722-2 Lien Releases#page15.tif
source=JP Morgan 015722-2 Lien Releases#page16.tif
source=JP Morgan 015722-2 Lien Releases#page17.tif

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 I 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 I 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	FILE DATE	APPLICATION NUMBER
A1690	6/26/2003	10 608918
A2246	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 612084
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 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 620663
A2222	7/17/2003	10 621824
A2433	7/18/2003	10 622341
A2323	7/21/2003	10 622826
A3285	7/16/2003	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: 0977

FILE NUMBER	FILE DATE	APPLICATION NUMBER
A1690	6/26/2003	10 608918
A2246	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 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 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 620663
A2222	7/17/2003	10 621824
A2433	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 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 627660
A1175	7/28/2003	10 628844
A3097	7/30/2003	10 630029

PATENT
REEL: 015722 FRAME: 0121

PATENT
REEL: 033645 FRAME: 0978

FILE NUMBER	FILE DATE	APPLICATION NUMBER
A1690	6/26/2003	10 608918
A2246	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
A2303	7/1/2003	10 612294
A3009	7/1/2003	10 612246
A3009Q1	7/1/2003	10 612248
A2245	7/1/2003	10 612260
A2303Q3	7/1/2003	10 612261
A3009G	7/1/2003	10 612368
A2303Q1	7/1/2003	10 612461
A1687	7/8/2003	10 615088
A2082	7/8/2003	10 615653
A2079	7/7/2003	10 616049
A2584Q	7/4/2003	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 622826
A3285	7/18/2003	10 623296
A3211	7/21/2003	10 623906
A1746	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: 0162

PATENT
REEL: 033645 FRAME: 0979

FILE NUMBER	FILE DATE	APPLICATION NUMBER
A1690	6/26/2003	10 608918
A2246	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 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 612260
A2303Q3	7/1/2003	10 612261
A3009Q	7/1/2003	10 612388
A2303Q1	7/1/2003	10 612461
A1687	7/8/2003	10 615086
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 622826
A3285	7/18/2003	10 623296
A3211	7/21/2003	10 623906
A1746	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: 0162

PATENT
REEL: 033645 FRAME: 0980

FILE NUMBER	FILE DATE	APPLICATION NUMBER
A1690	6/26/2003	10 608918
A2246	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 612084
A3107	7/2/2003	10 612122
A2303	7/1/2003	10 612234
A3009	7/1/2003	10 612246
A3009Q1	7/1/2003	10 613248
A2246	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 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 620663
A2222	7/17/2003	10 621824
A2433	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
98226D	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: 0162

PATENT
REEL: 033645 FRAME: 0981

FILE NUMBER	FILE DATE	APPLICATION NUMBER
A1690	6/26/2003	10 608918
A2246	7/1/2003	10 612067
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 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
A2246	7/1/2003	10 612260
A2303Q3	7/1/2003	10 612261
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
A2684Q	7/14/2003	10 620047
A3208	7/15/2003	10 620069
A2684	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 622826
A3285	7/18/2003	10 623296
A3211	7/21/2003	10 623905
A1748	7/21/2003	10 623944
98228D	7/22/2003	10 624762
A0449D	7/22/2003	10 624806
A1764Q	7/23/2003	10 625192
A1764	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: 0162

PATENT
REEL: 033645 FRAME: 0982

FILE NUMBER	FILE DATE	APPLICATION NUMBER
A1690	6/26/2003	10 608918
A2246	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 612084
A3107	7/2/2003	10 612122
A2303	7/1/2003	10 612234
A3009	7/1/2003	10 612248
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
A2433	7/18/2003	10 622341
A2323	7/21/2003	10 622826
A3285	7/18/2003	10 623286
A3211	7/21/2003	10 623906
A1748	7/21/2003	10 623944
983280	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 627660
A1175	7/28/2003	10 628844
A3097	7/30/2003	10 630029

PATENT
REEL: 015722 FRAME: 0121

PATENT
REEL: 033645 FRAME: 0983

FILE NUMBER	FILE DATE	APPLICATION NUMBER
A3022	12/22/2003	10 707579
A3523	12/22/2003	10 707580
A2413	11/12/2003	10 713200
A2415Q	11/12/2003	10 712203
A1714D	11/14/2003	10 713322
A1531	11/13/2003	10 714164
A1385	11/19/2003	10 717295
A2083D	11/19/2003	10 717803
A2454	11/20/2003	10 717824
99778D	11/20/2003	10 718370
A3185	11/20/2003	10 719044
A1441	11/21/2003	10 719300
A3465	11/21/2003	10 719394
A3378	11/21/2003	10 719395
A3213	11/21/2003	10 719396
A3526	11/21/2003	10 719397
A3470	11/21/2003	10 719398
A3230	11/21/2003	10 719420
A2395D	11/24/2003	10 720597
A3293	11/24/2003	10 720781
A3568	11/25/2003	10 721138
A1440	11/25/2003	10 721140
A3414	11/25/2003	10 721386
A3375	11/25/2003	10 721487
A3233Q	11/25/2003	10 721626
A2415I	11/24/2003	10 721724
A3209	11/25/2003	10 721838
A0397	11/24/2003	10 721842
A3137	11/25/2003	10 721845
A3279	11/25/2003	10 721846
A1145I	11/25/2003	10 721847
A1063D	11/25/2003	10 721849
A3139	11/25/2003	10 721850
A3596	11/25/2003	10 721851
A2410	11/25/2003	10 721852
A3567	11/25/2003	10 721948

PATENT
REEL: 015722 FRAME: 0126

PATENT
REEL: 033645 FRAME: 0984

FILE NUMBER	FILE DATE	APPLICATION NUMBER
A3022	12/22/2003	10 707579
A3523	12/22/2003	10 707580
A2413	11/12/2003	10 712200
A2415Q	11/12/2003	10 712203
A1714D	11/14/2003	10 713322
A1531	11/13/2003	10 714164
A1385	11/19/2003	10 717295
A2083D	11/19/2003	10 717803
A2454	11/20/2003	10 717824
99778D	11/20/2003	10 718370
A3185	11/20/2003	10 719044
A1441	11/21/2003	10 719300
A3465	11/21/2003	10 719394
A3378	11/21/2003	10 719395
A3213	11/21/2003	10 719396
A3526	11/21/2003	10 719397
A3470	11/21/2003	10 719398
A3230	11/21/2003	10 719420
A2395D	11/24/2003	10 720597
A3293	11/24/2003	10 720781
A3568	11/25/2003	10 721138
A1440	11/25/2003	10 721140
A3414	11/25/2003	10 721386
A3375	11/25/2003	10 721487
A3233Q	11/25/2003	10 721626
A2415I	11/24/2003	10 721724
A3209	11/25/2003	10 721838
A0397	11/24/2003	10 721842
A3137	11/25/2003	10 721845
A3279	11/25/2003	10 721846
A1145I	11/25/2003	10 721847
A1063D	11/25/2003	10 721849
A3139	11/25/2003	10 721850
A3596	11/25/2003	10 721851
A2410	11/25/2003	10 721852
A3567	11/25/2003	10 721948

PATENT
REEL: 015722 FRAME: 0126

PATENT
REEL: 033645 FRAME: 0985

FILE NUMBER	FILE DATE	APPLICATION NUMBER
A3022	12/22/2003	10 707579
A3523	12/22/2003	10 707580
A2413	11/12/2003	10 712200
A2415Q	11/12/2003	10 712203
A1714D	11/14/2003	10 713322
A1531	11/13/2003	10 714164
A1385	11/19/2003	10 717295
A2083D	11/19/2003	10 717803
A2454	11/20/2003	10 717824
99778D	11/20/2003	10 718370
A3185	11/20/2003	10 719044
A1441	11/21/2003	10 719300
A3455	11/21/2003	10 719394
A3376	11/21/2003	10 719395
A3213	11/21/2003	10 719396
A3526	11/21/2003	10 719397
A3470	11/21/2003	10 719398
A3230	11/21/2003	10 719420
A2395D	11/24/2003	10 720597
A3293	11/24/2003	10 720781
A3568	11/25/2003	10 721138
A1440	11/25/2003	10 721140
A3414	11/25/2003	10 721386
A3375	11/25/2003	10 721487
A3233Q	11/25/2003	10 721626
A2415I	11/24/2003	10 721724
A3209	11/25/2003	10 721838
A0397	11/24/2003	10 721842
A3137	11/25/2003	10 721845
A3279	11/25/2003	10 721846
A1145I	11/25/2003	10 721847
A1063D	11/25/2003	10 721849
A3139	11/25/2003	10 721850
A3596	11/25/2003	10 721851
A2410	11/25/2003	10 721852
A3567	11/25/2003	10 721948

PATENT
REEL: 015722 FRAME: 0126

PATENT
REEL: 033645 FRAME: 0986

FILE NUMBER	PATENT NUMBER	FILE DATE	ISSUE DATE	EXPIRATION DATE	TITLE
99088	6618170	5/14/1999	9/9/2003	5/14/2019	USER INTERFACE COMPRISING HUE SHIFT CONTROL FOR COLOR PRINTING
99084	6647140	5/18/1999	11/11/2003	5/18/2019	SPECTRUM INVERTER APPARATUS AND METHOD
99730	6666085	5/25/1999	12/18/2003	5/25/2019	MULTITANEOUS VOICE AND DATA COMMUNICATION FOR DIAGNOSTIC PROCEDURES IN A PRINTING OR COPYING MACHINE
986981	6611271	3/21/2002	8/26/2003	8/3/2019	COMPACT DISK HAVING ASSOCIATED DISPLAY
98481	6621940	6/10/1999	9/16/2003	6/10/2019	IMAGE ROTATION IN OPONENT COLOR SPACE
98726	6621596	6/21/1999	9/16/2003	6/21/2019	LIMITING DECOMPOSITION TIME ON A PER PAGE BASIS ON OUTPUT DEVICES
98456	6595618	5/28/1999	7/22/2003	5/28/2019	METHOD AND APPARATUS FOR FILLING AND CAPPING AN ACOUSTIC INK PRINTHEAD
98443	6654496	7/6/1999	11/25/2003	7/6/2019	METHOD AND APPARATUS FOR SELECTING SYMBOLS USING STROKES ON A USER INTERFACE
98581	6608701	7/7/1999	8/19/2003	7/7/2019	COMPACT HIGH ADDRESSABILITY RENDERING
98580	6683702	7/7/1999	1/27/2004	7/7/2019	COMPACT-DOT REPRODUCTION OF SCANNED HALFTONE SCREENS
98788C	6593398	1/16/2002	7/5/2003	7/12/2019	INK COMPOSITIONS
PX98006	6587895	8/3/1999	7/1/2003	8/3/2019	METHOD FOR ACCEPTING A FREEFORM INPUT CONTAINING MESSAGE WITH TIME REFERENCE THEREUPON PROVIDING AN ALERT MESSAGE ACCORDING TO THE TIME REFERENCE (INT - FX AND XRM)
9906701	6625608	8/10/1999	9/23/2003	8/10/2019	DYNAMICALLY VARYING POLICY DRIVEN PRINT ENGINE
98698	6650775	8/23/1999	11/18/2003	8/23/2019	METHOD AND APPARATUS FOR IMPLEMENTING A STREAMING TWO-DIMENSIONAL DIGITAL IMAGE SEGMENTATION
97218	6655785	8/25/1999	12/2/2003	8/25/2019	PRINT ELEMENT AND METHOD FOR ASSEMBLING A PRINT HEAD
98089	6621941	9/2/1999	9/16/2003	9/2/2019	SYSTEM OF INDEXING A TWO DIMENSIONAL PATTERN IN A DOCUMENT DRAWING
99423	6704456	9/2/1999	3/9/2004	9/2/2019	AUTOMATIC IMAGE SEGMENTATION IN THE PRESENCE OF SEVERE BACKGROUND BLEEDING
99257	6654058	9/3/1999	11/25/2003	9/3/2019	RESETTABLE PIXEL AMPLIFIER FOR USE IN A PHOTODIODE ARRAY
99371	6657662	9/3/1999	12/2/2003	9/3/2019	SYSTEM FOR RESETTING THE VIDEO OFFSET FROM DARK PHOTODIODES IN AN IMAGE SENSOR ARRAY
99039	6636331	9/9/1999	10/21/2003	9/9/2019	SEGMENTATION TAG CLEANUP BASED ON CONNECTED COMPONENTS
99098	6639692	9/9/1999	10/28/2003	9/9/2019	PIXEL LEVEL SEGMENTATION TAG CLEANUP
99096	6650439	9/9/1999	11/18/2003	9/9/2019	SEGMENTATION TAG CLEANUP SYSTEM
99018	6629134	8/16/1999	9/30/2003	9/24/2019	CONTEXT SENSITIVE WEB-BASED USER SUPPORT
98573	6631009	9/24/1999	10/7/2003	9/24/2019	AVOIDING DEADLOCK SITUATIONS IN A PRINTING SYSTEM USING A LOCKING TIME-OUT MECHANISM

PATENT
REEL: 015722 FRAME: 0138

PATENT
REEL: 033645 FRAME: 0987

FILE NUMBER	PATENT NUMBER	FILE DATE	ISSUE DATE	EXPIRATION DATE	TITLE
99324	6641051	9/24/1999	11/4/2003	9/24/2019	SYSTEM FOR EMBEDDED DIGITAL DATA THAT ALLOWS EMBEDDING OF DATA AROUND KNOWN OBSTRUCTIONS
99398	6671737	9/24/1999	12/30/2003	9/24/2019	DECENTRALIZED NETWORK SYSTEM
99108Q	6620476	8/13/1999	9/18/2003	9/27/2019	NONBLEEDING FLUORINATED CARBON AND ZINC OXIDE FILLED LAYER FOR BIAS CHARGING MEMBER
99725	6590672	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	6678495	10/11/1999	1/13/2004	10/11/2019	EPOXY SILANE CURED FLUOROPOLYMERS
99487	6636714	12/11/1998	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	6671071	10/20/1999	12/30/2003	10/20/2019	THRESHOLD BIAS CIRCUITS FOR ENHANCED COLOR ERROR DIFFUSION
99721	6806420	10/25/1999	8/12/2003	10/25/2019	METHOD AND APPARATUS FOR DIGITAL IMAGE DARKNESS CONTROL IN SATURATED IMAGE STRUCTURES
95489	6647533	10/25/1999	11/11/2003	10/25/2019	INCREMENTAL ALGORITHMS FOR OPTIMAL LINEBREAKING IN TEXT LAYOUT
99350	6580586	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
96182Q3	6662691	10/28/1999	11/25/2003	10/28/2019	SEAM STRESS RELEASE AND PROTRUSION ELIMINATION PROCESS
99086	6664143	10/28/1999	11/26/2003	10/28/2019	PRINTER CHARACTERIZATION ADJUSTMENT FOR DIFFERENT PAPERS
99753	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	11/12/1999	9/16/2003	11/12/2019	METHOD AND APPARATUS FOR BOOTING AND UPGRADING FIRMWARE
99736	6640010	11/12/1999	10/28/2003	11/12/2019	WORD-TO-WORD SELECTION ON IMAGES
99618	6704722	11/17/1999	3/8/2004	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	6603674	11/23/1999	8/5/2003	11/23/2019	IMAGE COLOR REGISTRATION SENSOR CALIBRATION

PATENT
REEL: 015722 FRAME: 0180

PATENT
REEL: 033645 FRAME: 0988

FILE NUMBER	PATENT NUMBER	FILE DATE	ISSUE DATE	EXPIRATION DATE	TITLE
98037Q1	6654056	12/15/1998	11/25/2003	12/15/2018	GEOMETRIC CONFIGURATIONS FOR PHOTOSITES FOR REDUCING MOIRE PATTERNS
98762QD	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
98825	6715127	12/18/1998	3/30/2004	12/18/2019	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	6675356	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
98604D	6609708	3/25/2002	8/26/2003	12/23/2018	VACUUM CORRUGATION SHUTTLE FEED DEVICE FOR HIGH CAPACITY FEEDER
98647D	6644785	9/19/2001	11/11/2003	12/26/2018	SOLID B-LAYER STRUCTURES FOR USE WITH HIGH VISCOSITY INKS IN ACOUSTIC INK PRINTING AND METHODS OF FABRICATION
98213	6643032	12/28/1998	11/4/2003	12/28/2018	MARKING ENGINE AND METHOD TO OPTIMIZE TONE LEVELS IN A DIGITAL OUTPUT SYSTEM
PX989005	6687878	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
99198Q2	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	6665672	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
P98017C	6601102	4/1/2002	7/29/2003	3/16/2019	SECURE TOKEN-BASED DOCUMENT SERVER
98228	6647835	3/18/1999	11/11/2003	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: 0137

PATENT
REEL: 033645 FRAME: 0989

RECORDED: 08/27/2014