

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT7037645

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST
CONVEYING PARTY DATA	
Name	Execution Date
JP MORGAN CHASE BANK, N.A.	12/04/2006
RECEIVING PARTY DATA	
Name:	XEROX CORPORATION
Street Address:	201 MERRITT 7
Internal Address:	P.O. BOX 4505
City:	NORWALK
State/Country:	CONNECTICUT
Postal Code:	06851-1056
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	10656550
CORRESPONDENCE DATA	
Fax Number:	(585)422-2416
<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>	
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Correspondent Name:	XEROX CORPORATION
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Address Line 2:	800 PHILLIPS ROAD, MS 105-20C
Address Line 4:	WEBSTER, NEW YORK 14580
ATTORNEY DOCKET NUMBER:	A2124US02
NAME OF SUBMITTER:	MICHELLE A. BEACH
SIGNATURE:	/MICHELLE A. BEACH/
DATE SIGNED:	11/22/2021
Total Attachments: 82	
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RELEASE OF LIEN IN PATENTS

This RELEASE OF LIEN IN PATENTS, dated as of this 4th 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

08-31-2004



8-31-04

Form PTO-1595
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U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

OMB No. 0651-0027 (exp. 6/30/2005)

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Xerox Corporation

2. Name and address of receiving party(ies)

Name: JPMorgan Chase Bank, as

Internal Address: Collateral Agent

Lien Perfection Unit

P.O. Box 2558

Street Address:

City: Houston State: TX Zip: 77252

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☐

Assignment

☐

Merger

☒

Security Agreement

☐

Change of Name

☐

Other

Execution Date: 06/25/2003

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

See Schedule A attached hereto.

B. Patent No.(s)

See Schedule A attached hereto.

Additional numbers attached? ☒ Yes ☐ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: J. LEE

Internal Address: ACCESS INFORMATION

SERVICES, INC.

Street Address: 1773 Western Avenue

City: ALBANY State: NY Zip: 12203

6. Total number of applications and patents involved: 100

7. Total fee (37 CFR 3.41).....\$ 40,160.00

☒

Enclosed

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Authorized to be charged to deposit account

8. Deposit account number:

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9. Signature.

JACKIE LEE

Name of Person Signing

Signature

06/23/2004

Date

Total number of pages including cover sheet, attachments, and documents: 78

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Mail documents to be recorded with required cover sheet information to:
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Washington, D.C. 20231PATENT
REEL: 058220 FRAME: 0419

Schedule A

FILE NUMBER	FILE DATE	APPLICATION NUMBER
A1572	6/24/2003	10 602801
A3120	6/25/2003	10 603321
A3084	6/25/2003	10 603449
A3037	6/25/2003	10 603985
A1366	6/30/2003	10 604200
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A3086	8/21/2003	10 604850
A3358	10/15/2003	10 605630
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A3085	11/3/2003	10 605874
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A2245	7/1/2003	10 612250
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A3009Q	7/1/2003	10 612368
A2303Q1	7/1/2003	10 612461
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A2082	7/8/2003	10 615553
A2079	7/7/2003	10 616049
A2584Q	7/14/2003	10 620047
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A3097	7/30/2003	10 630029

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A3255	7/30/2003	10 630048
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A2458	8/14/2003	10 640835
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A2375	8/22/2003	10 646389
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A1088	8/25/2003	10 646803
A2525	8/22/2003	10 647055
A2579	8/25/2003	10 647489
A2510	8/26/2003	10 648413
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A3570	9/3/2003	10 653190
A3195	9/4/2003	10 654783
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A21241	9/5/2003	10 656550
A0B08D	9/5/2003	10 656622
A3415	9/5/2003	10 657020
A3283	9/8/2003	10 657336
A2425	9/10/2003	10 658874
A3262	9/15/2003	10 662252
A3064	9/17/2003	10 664710
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A3196	9/19/2003	10 667268
A3144	9/22/2003	10 667702

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A3035	9/22/2003	10 667703
97420C	9/22/2003	10 667957
A3374	9/23/2003	10 668418
A3407	9/24/2003	10 669903
A2455	9/24/2003	10 669904
A2227	9/25/2003	10 670902
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A3036	9/30/2003	10 674837
A0359	10/3/2003	10 679053
A0359Q	10/3/2003	10 679240
A2198	10/6/2003	10 679571
A0127	10/6/2003	10 679615
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A0415	10/9/2003	10 682561
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A3227	10/14/2003	10 685109
A3227Q	10/14/2003	10 685238
A1547Q	10/14/2003	10 685320
A2484	10/16/2003	10 686751
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A2486	10/16/2003	10 687142
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A0430D	10/22/2003	10 690942
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A2519	10/29/2003	10 696123
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A3495	10/28/2003	10 696212
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A12261	11/12/2003	10 706339
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A3022	12/22/2003	10 707579
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A2454	11/20/2003	10 717824
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A3185	11/20/2003	10 719044
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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
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A1063D	11/25/2003	10 721849
A3139	11/25/2003	10 721850
A3596	11/25/2003	10 721851
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A3567	11/25/2003	10 721948

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A13681	11/25/2003	10 722152
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A3399	11/25/2003	10 722162
A1388	11/25/2003	10 722164
A3233	11/25/2003	10 722195
A3597	11/25/2003	10 722326
A1750D	12/3/2003	10 727191
A3125	12/5/2003	10 727614
A1591D	12/4/2003	10 727692
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A3278	12/16/2003	10 737517
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A3229	12/18/2003	10 737972
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A3082	12/19/2003	10 741715
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A3466	1/8/2004	10 753606
A3522	1/9/2004	10 754141
A3182	1/10/2004	10 755243

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A3184Q1	1/10/2004	10 755244
A3184	1/10/2004	10 755245
A3182Q	1/10/2004	10 755700
A3184Q	1/10/2004	10 755725
A3605	1/12/2004	10 755745
A3377	1/12/2004	10 756058
A2468	1/12/2004	10 756148
A3045	1/12/2004	10 756210
A2326	1/12/2004	10 756218
A2515	1/14/2004	10 756304
A3128	1/14/2004	10 756313
A2359	1/14/2004	10 756396
A3377Q	1/12/2004	10 756586
A3311	1/12/2004	10 756587
99474	1/13/2004	10 756988
A3266	1/14/2004	10 757129
A1535	1/14/2004	10 757274
A2556	1/14/2004	10 757281
A2217	1/14/2004	10 757318
A1448	1/14/2004	10 757344
A3265	1/15/2004	10 757490
A3267	1/14/2004	10 757688
A3359	1/14/2004	10 757878
A2526	1/16/2004	10 758046
A2361	1/16/2004	10 758096
A3203	1/16/2004	10 758099
A3192	1/15/2004	10 758338
A2491	1/15/2004	10 758344
A1377	1/15/2004	10 758406
A2329	1/14/2004	10 758508
A2188	1/16/2004	10 758638
A2322	1/16/2004	10 758681
A2179	1/16/2004	10 758682
A2418	1/20/2004	10 760846
A2385	1/20/2004	10 760847
A2034	1/20/2004	10 760851

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A2430	1/20/2004	10 760916
A2450	1/20/2004	10 760989
A3191	1/20/2004	10 761082
A3449	1/22/2004	10 761209
A1147	1/21/2004	10 761670
A1457	1/21/2004	10 761880
A2019	1/21/2004	10 762120
A0A23DD	1/21/2004	10 762155
A3412Q	1/21/2004	10 762178
A3412	1/21/2004	10 762179
A3063	1/22/2004	10 762669
A3014	1/22/2004	10 762670
A4005	1/28/2004	10 765146
A1721D	1/27/2004	10 765286
A4004	1/28/2004	10 765327
A2429	1/27/2004	10 765355
99398QC	1/27/2004	10 766675
A3127	1/30/2004	10 767348
A4007	1/28/2004	10 767603
A2578	1/28/2004	10 767754
A1722D	2/2/2004	10 770305
A32071	2/5/2004	10 772564
A32071Q	2/5/2004	10 772693
A3123	2/6/2004	10 773512
97380DDD	2/6/2004	10 773740
A3380	2/9/2004	10 774577
A2106	2/9/2004	10 774636
A3111	2/9/2004	10 774713
A2541	2/9/2004	10 774966
A2258	2/10/2004	10 775365
A3066	2/10/2004	10 775986
A4023	2/12/2004	10 776508
A4024	2/12/2004	10 776509
A3442	2/12/2004	10 776514
A3543	2/12/2004	10 776515
A4026	2/12/2004	10 776516

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A3578	2/12/2004	10 776602
A3579	2/12/2004	10 776603
A3577	2/12/2004	10 776608
A4024Q	2/12/2004	10 776612
A3580	2/12/2004	10 776620
A3323	2/11/2004	10 776831
A3302	2/12/2004	10 777397
A3214	2/12/2004	10 777960
A3318	2/17/2004	10 778220
A2442	2/13/2004	10 778557
A2105	2/13/2004	10 778977
A2563	2/18/2004	10 779711
A1726	2/17/2004	10 780056
A1102D	2/23/2004	10 784517
A3249	2/24/2004	10 786211
A3469	2/25/2004	10 786371
A3653	2/26/2004	10 788944
A3101	3/8/2004	10 793902
A2176D	3/5/2004	10 794930
A3557	3/16/2004	10 801464
A3174	3/16/2004	10 802130
A2507	3/17/2004	10 802213
A2397C	3/16/2004	10 803531
A3119Q	3/19/2004	10 804940
A3119	3/19/2004	10 805064
A1554	3/22/2004	10 806008
A2110	3/23/2004	10 807073
A2177D	3/26/2004	10 810370
A2010Q2D	3/26/2004	10 811197
A0679D	3/30/2004	10 812035
A2120	3/30/2004	10 812478
A3455	3/30/2004	10 812518
A0123D	3/29/2004	10 812545
A3454	3/30/2004	10 812685
A3021	3/30/2004	10 812793
A4025	3/31/2004	10 813278

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A0867D	3/31/2004	10 815073
A0B04DD	3/31/2004	10 815142
DSA3345	10/30/2003	29 192775
DSA3328Q	10/30/2003	29 192776
DSA3342	10/30/2003	29 192777
DSA3344Q	10/30/2003	29 192778
DSA3344	10/30/2003	29 192779
DSA3331	10/30/2003	29 192780
DSA3348Q2	10/30/2003	29 192781
DSA3328	10/30/2003	29 192783
DSA3326	10/30/2003	29 192784
DSA3333	10/30/2003	29 192785
DSA3348Q6	10/30/2003	29 192786
DSA3348Q9	10/30/2003	29 192787
DSA3348Q8	10/30/2003	29 192788
DSA3348	10/30/2003	29 192789
DSA3348Q4	10/30/2003	29 192790
DSA3348Q	10/30/2003	29 192791
DSA3348Q10	10/30/2003	29 192795
DSA3348Q5	10/30/2003	29 192796
DSA3348Q1	10/30/2003	29 192798
DSA3348Q7	10/30/2003	29 192803
DSA3348Q3	10/30/2003	29 192804
DSA3400Q3	12/8/2003	29 195149
DSA3400	12/8/2003	29 195153
DSA3400Q7	12/8/2003	29 195170
DSA3400Q5	12/8/2003	29 195171
DSA3400Q2	12/8/2003	29 195183
DSA3400Q6	12/8/2003	29 195187
DSA3400Q1	12/8/2003	29 195191
DSA3400Q4	12/8/2003	29 195192
DSA3400Q8	12/8/2003	29 195212
DSA3400Q	12/8/2003	29 195218
DSA3573	12/17/2003	29 195932
DSA3395	12/22/2003	29 196224
DSA4007	1/28/2004	29 196364

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DSA4008	1/28/2004	29 198365
DSA4009	1/28/2004	29 198366
DSA4011	1/28/2004	29 198367
DSA4010	1/28/2004	29 198368
A3354P	11/14/2003	60 481639
A3356P	11/14/2003	60 481644
A4021P	6/25/2003	60 482587
A2463P	7/30/2003	60 491042
A2069P	7/30/2003	60 491043
A2509P	7/30/2003	60 491044
A3286P	8/30/2003	60 498752
A4022P	9/10/2003	60 501803
A3433P	9/24/2003	60 505676
A3140P	9/26/2003	60 506135
A3146QP	9/26/2003	60 506545
A2184P	11/17/2003	60 520686
A3201P	11/25/2003	60 525051
A0534P	12/4/2003	60 527069
A3607P	12/8/2003	60 527938
A3609P	12/8/2003	60 528261
A1746P	12/12/2003	60 529186
A1742P	12/12/2003	60 529187
A1292P	12/18/2003	60 530573
A2571P	12/19/2003	60 531481
A3292P	1/12/2004	60 535855
A3292QP	1/12/2004	60 535857
A4051P	2/24/2004	60 547405

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893401C	6601159	4/4/1997	7/29/2003	12/31/2011	INTEGRATED INFORMATION SUPPORT SYSTEM FOR A COPIER SYSTEM
93202CD	6611991	5/22/2001	9/2/2003	7/19/2013	MOLDED INSEPARABLE ASSEMBLY
94241D1	6671064	2/8/2001	12/30/2003	5/17/2015	OBJECT OPTIMIZED PRINTING SYSTEM AND METHOD
A03061	6620228	5/13/1998	9/16/2003	6/28/2016	ISOCYANATE-DERIVED MATERIALS FOR USE IN PHASE CHANGE INK JET INKS
964101	6603954	4/16/1999	8/5/2003	1/21/2017	POST SLIT DECURLER AND SHEET STACKER DEVICE
DSA2062	D478347	9/25/2002	8/12/2003	8/12/2017	COLOR INK STICK FOR SOLID INK PRINTER
DSA2062Q1	D478621	9/25/2002	8/19/2003	8/19/2017	COLOR INK STICK FOR SOLID INK PRINTER
DSA2058	D479368	9/25/2002	9/2/2003	9/2/2017	COLOR INK STICK FOR SOLID INK PRINTER
PX97006	6658623	9/15/1997	12/2/2003	9/15/2017	METHOD AND SYSTEM FOR SUGGESTING RELATED DOCUMENTS (PARC/FUJI XEROX)
97405C	6630922	3/20/2001	10/7/2003	10/29/2017	HANDEDNESS DETECTION FOR A PHYSICAL MANIPULATORY GRAMMAR
DSA2063Q1	D481757	9/25/2002	11/4/2003	11/4/2017	COLOR INK STICK FOR SOLID INK PRINTER
DSA2063	D481758	9/25/2002	11/4/2003	11/4/2017	COLOR INK STICK FOR SOLID INK PRINTER
DSA2062Q	D481759	9/25/2002	11/4/2003	11/4/2017	COLOR INK STICK FOR SOLID INK PRINTER
97503	6687018	11/7/1997	2/3/2004	11/7/2017	SYSTEM AND METHOD FOR DISTRIBUTING PRINT JOBS
DSA2174Q2	D482041	12/5/2002	11/11/2003	11/11/2017	ICON FOR A PORTION OF AN ELECTRONIC DISPLAY
DSA2174Q	D482042	12/5/2002	11/11/2003	11/11/2017	ICON FOR A PORTION OF AN ELECTRONIC DISPLAY
DSA2174	D482043	12/5/2002	11/11/2003	11/11/2017	ICON FOR A PORTION OF AN ELECTRONIC DISPLAY
DSA2174Q1	D482044	12/5/2002	11/11/2003	11/11/2017	ICON FOR A PORTION OF AN ELECTRONIC DISPLAY
DS99160D	D482059	4/2/2003	11/11/2003	11/11/2017	TONER LOADING BOTTLE
DSA2064	D482062	9/25/2002	11/11/2003	11/11/2017	COLOR INK STICK FOR SOLID INK PRINTER
DSA2063Q	D482063	9/25/2002	11/11/2003	11/11/2017	COLOR INK STICK FOR SOLID INK PRINTER
97495	6665841	11/14/1997	12/16/2003	11/14/2017	TRANSMISSION OF SUBSETS OF LAYOUT OBJECTS AT DIFFERENT RESOLUTIONS
DSA2064Q1	D482388	9/25/2002	11/18/2003	11/18/2017	COLOR INK STICK FOR SOLID INK PRINTER
DSA2061	D482389	9/25/2002	11/18/2003	11/18/2017	COLOR INK STICK FOR SOLID INK PRINTER
DSA2064Q	D482720	9/25/2002	11/25/2003	11/25/2017	COLOR INK STICK FOR SOLID INK PRINTER
DSA2060	D482721	9/25/2002	11/25/2003	11/25/2017	COLOR INK STICK FOR SOLID INK PRINTER
DSA2059	D482722	9/25/2002	11/25/2003	11/25/2017	COLOR INK STICK FOR SOLID INK PRINTER
DSA2065	D483062	9/25/2002	12/2/2003	12/2/2017	COLOR INK STICK FOR SOLID INK PRINTER
DSA2065Q1	D483063	9/25/2002	12/2/2003	12/2/2017	COLOR INK STICK FOR SOLID INK PRINTER
DSA2065Q	D483404	9/25/2002	12/9/2003	12/9/2017	COLOR INK STICK FOR SOLID INK PRINTER
DSA2209	D483800	2/14/2003	12/16/2003	12/16/2017	CONTROL PANEL LEAD-IN SURROUNDING FOR AN OFFICE MACHINE
DSA2207Q1	D484177	2/14/2003	12/23/2003	12/23/2017	PORTION OF SKYLINE WALL FOR AN OFFICE MACHINE

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DSA2206Q	D484178	2/14/2003	12/23/2003	12/23/2017	PORTION OF AN OPERATING-POSITION VIEWABLE PANEL FOR AN OFFICE MACHINE
DSA2210	D484179	2/14/2003	12/23/2003	12/23/2017	PORTION OF OPERATING-POSITION VIEWABLE PANELS AND SKYLINE WALL FOR AN OFFICE MACHINE
DSA2206	D484180	2/14/2003	12/23/2003	12/23/2017	PORTION OF AN OPERATING-POSITION VIEWABLE PANEL FOR AN OFFICE MACHINE
DSA2207Q	D484181	2/14/2003	12/23/2003	12/23/2017	PORTION OF SKYLINE WALL FOR AN OFFICE MACHINE
DSA2207	D484182	2/14/2003	12/23/2003	12/23/2017	SKYLINE WALL FOR A REAR TOP PORTION FOR AN OFFICE MACHINE
DSA2203	D484529	2/14/2003	12/30/2003	12/30/2017	PORTION OF AN OPERATING-POSITION VIEWABLE PANEL FOR AN OFFICE MACHINE
DSA2208	D484531	2/14/2003	12/30/2003	12/30/2017	PORTION OF FRONT PANEL AND CONTROL PANEL LEAD-IN SURROUNDING FOR AN OFFICE MACHINE
DSA2205	D484907	2/14/2003	1/6/2004	1/6/2018	PORTION OF A TOP PANEL FOR AN OFFICE MACHINE
DSA2204	D485295	2/14/2003	1/13/2004	1/13/2018	PORTION OF AN OPERATING-POSITION VIEWABLE PANEL FOR AN OFFICE MACHINE
96288C	6671416	7/30/2001	12/30/2003	1/29/2018	A METHOD FOR TRANSMITTING DATA USING AN EMBEDDED BIT STREAM PRODUCED IN A HIERARCHICAL TABLE-LOOKUP VECTOR QUANTIZER
97446DD	6703074	3/12/2002	3/9/2004	3/5/2018	FLEXIBLE DISPLAYS
96675D	6660444	1/10/2003	12/9/2003	3/9/2018	CARRIER
98094I	6608549	7/31/1998	8/19/2003	3/20/2018	VIRTUAL INTERFACE FOR CONFIGURING AN AUDIO AUGMENTATION SYSTEM
98094	6611196	3/20/1998	8/26/2003	3/20/2018	A SYSTEM AND METHOD FOR PROVIDING AUDIO AUGMENTATION OF A PHYSICAL ENVIRONMENT
R98004	6665490	3/25/1999	12/16/2003	4/1/2018	OBTAINING AND USING DATA ASSOCIATING ANNOTATING ACTIVITIES WITH PORTIONS OF RECORDINGS
95318Q4	6678713	4/29/1998	1/13/2004	4/29/2018	MACHINE CONTROL USING A SCHEDULED LOCK CONSTRUCT
97470	6584479	6/17/1998	6/24/2003	6/17/2018	OVERLAY PRESENTATION OF TEXTUAL AND GRAPHICAL ANNOTATIONS
97486	6683646	1/124/1997	1/27/2004	7/11/2018	CMOS IMAGE SENSOR ARRAY HAVING CHARGE SPILLOVER PROTECTION FOR PHOTODIODES
98534	6636899	9/24/1998	10/21/2003	9/24/2018	ARCHITECTURE FOR SOFTWARE FOR REMOTE MAINTENANCE OF A MACHINE SUCH AS A COPIER
98707R	RE38437	12/20/2001	2/24/2004	12/1/2018	METHOD AND APPARATUS FOR AN INTEGRATED LASER BEAM SCANNER USING A CARRIER SUBSTRATE
98037	6642964	12/15/1998	1/14/2003	12/15/2018	GEOMETRIC CONFIGURATIONS FOR PHOTOSITES FOR REDUCING MOIRE PATTERNS

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98037Q1	6654056	12/15/1998	11/25/2003	12/15/2018	GEOMETRIC CONFIGURATIONS FOR PHOTOSITES FOR REDUCING MOIRE PATTERNS
96762QD	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	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
98504D	6609708	3/26/2002	8/26/2003	12/23/2018	VACUUM CORRUGATION SHUTTLE FEED DEVICE FOR HIGH CAPACITY FEEDER
98047D	6644785	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	11/4/2003	12/28/2018	MARKING ENGINE AND METHOD TO OPTIMIZE TONE LEVELS IN A DIGITAL OUTPUT SYSTEM
PX98005	6687876	12/30/1998	2/3/2004	12/30/2018	METHOD AND SYSTEM FOR MAINTAINING FREEFORM INK ANNOTATIONS ON CHANGING VIEWS
96796Q211	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	TRANSACCTION/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	6601102	4/1/2002	7/29/2003	3/16/2019	SECURE TOKEN-BASED DOCUMENT SERVER
98228	6647535	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	12/22/2003	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

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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
98730	6665085	5/25/1999	12/16/2003	5/25/2019	SIMULTANEOUS VOICE AND DATA COMMUNICATION FOR DIAGNOSTIC PROCEDURES IN A PRINTING OR COPYING MACHINE
985981	6611271	3/21/2002	8/26/2003	6/3/2019	COMPACT DISK HAVING ASSOCIATED DISPLAY
98481	6621940	6/10/1999	9/16/2003	6/10/2019	IMAGE ROTATION IN OPPONENT 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	6/28/1999	7/22/2003	6/28/2019	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
98768C	6593398	1/16/2002	7/15/2003	7/12/2019	INK COMPOSITIONS
PX98006	6587895	8/3/1999	7/11/2003	8/3/2019	METHOD FOR ACCEPTING A FREEFORM INPUT CONTAINING MESSAGE WITH TIME REFERENCE THEREUPON PROVIDING AN ALERT MESSAGE ACCORDING TO THE TIME REFERENCE [JNT - FX AND XRX]
99067Q1	6625508	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 PHOTORENSOR ARRAY
99371	6657662	9/3/1999	12/2/2003	9/3/2019	SYSTEM FOR RESETTNG THE VIDEO OFFSET FROM DARK PHOTORENSORS IN AN IMAGE SENSOR ARRAY
99099	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	9/16/1999	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

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98324	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	9/16/2003	9/27/2019	NONBLEEDING FLUORINATED CARBON AND ZINC OXIDE FILLED LAYER FOR BIAS CHARGING MEMBER
98725	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	10/1/1/1999	1/13/2004	10/1/1/2019	EPOXY SILANE CURED FLUOROPOLYMERS
98487	6636714	12/1/1/1998	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	6671071	10/20/1999	12/30/2003	10/20/2019	THRESHOLD BIAS CIRCUITS FOR ENHANCED COLOR ERROR DIFFUSION
99721	6606420	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	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
96182Q3	6652691	10/28/1999	11/25/2003	10/28/2019	SEAM STRESS RELEASE AND PROTRUSION ELIMINATION PROCESS
99086	6654143	10/28/1999	11/25/2003	10/28/2019	PRINTER CHARACTERIZATION ADJUSTMENT FOR DIFFERENT PAPERS
98753	6587221	10/29/1999	7/11/2003	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	3/9/2004	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	7/11/2003	11/22/2019	REMOVABLE BICOLORED PLATEN COVERS FOR IMAGE CAPTURE DEVICES
99549	6603574	11/23/1999	8/5/2003	11/23/2019	IMAGE COLOR REGISTRATION SENSOR CALIBRATION

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98472	6631215	11/23/1999	10/7/2003	11/23/2019	METHOD AND APPARATUS FOR IMPLEMENTING INTEGRATED CAVITY EFFECT CORRECTION IN SCANNERS
94666	6583897	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
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	6606932	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	11/11/2003	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	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
99677Q	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
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	6587227	12/9/1999	7/1/2003	12/9/2019	COPIER HAVING CONTOURED TRACK GUIDES

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97138	6603580	12/10/1999	8/5/2003	12/10/2019	SCANNER HAVING A VARIABLE OBJECT PLANE
98370	6611626	12/10/1999	8/26/2003	12/10/2019	METHOD OF COMPRESSING JPEG FILES USING A CONDITIONAL TRANSFORM
99814	6643030	12/15/1999	11/4/2003	12/15/2019	QUANTIZATION METHOD FOR COLOR DOCUMENT REPRODUCTION IN A COLOR PRINTING SYSTEM
99749	6665425	12/16/1999	12/16/2003	12/16/2019	SYSTEMS AND METHODS FOR AUTOMATED IMAGE QUALITY BASED DIAGNOSTICS AND REMEDIATION OF DOCUMENT PROCESSING SYSTEMS
99471	6618167	12/17/1999	9/9/2003	12/17/2019	APPARATUS AND METHOD FOR DOCUMENT SCHEDULING IN ORDER TO IMPROVE THE PRODUCTIVITY OF A NETWORKED PRINTER
98442	6714677	12/17/1999	3/30/2004	12/17/2019	USE OF CORRELATION HISTOGRAMS FOR IMPROVED GLYPH DECODING
PX98010	665296	11/3/1998	9/23/2003	12/19/2019	METHOD AND SYSTEM FOR FREEFORM DIGITAL INK ANNOTATION OF DATA TRACES (JOINT FX-XEROX)
98776Q	6608679	12/20/1999	8/19/2003	12/20/2019	SPECTROPHOTOMETRIC ANALYSIS OF INPUT LIGHT
99400C	6631451	4/22/2002	10/7/2003	12/22/2019	SYSTEM AND METHOD FOR CACHING
99242	6674090	12/27/1999	1/6/2004	12/27/2019	STRUCTURE AND METHOD FOR PLANAR LATERAL OXIDATION IN ACTIVE DEVICES
99290	6586318	12/28/1999	7/1/2003	12/28/2019	THIN PHOSPHORUS NITRIDE FILM AS AN N-TYPE DOPING SOURCE USED IN LASER DOPING TECHNOLOGY
99679QD	6709708	6/28/2001	3/23/2004	1/2/2020	IMMERSION COATING SYSTEM
99243	6621844	1/18/2000	9/16/2003	1/18/2020	BURIED OXIDE PHOTONIC DEVICE WITH LARGE CONTACT AND PRECISE APERTURE
99651	6614456	1/19/2000	9/2/2003	1/19/2020	SYSTEMS, METHODS AND GRAPHICAL USER INTERFACES FOR CONTROLLING TONE REPRODUCTION CURVES OF IMAGE CAPTURE AND FORMING DEVICES
99622	6636628	1/19/2000	10/21/2003	1/19/2020	ITERATIVELY CLUSTERED INTERPOLATION FOR GEOMETRICAL INTERPOLATION OF AN IRREGULARLY SPACED MULTIDIMENSIONAL COLOR SPACE
99650	6697091	1/19/2000	2/24/2004	1/19/2020	SYSTEMS, METHODS AND GRAPHICAL USER INTERFACES FOR INDICATING A DESIRED ORIGINAL DOCUMENT ORIENTATION FOR IMAGE CAPTURE DEVICES
99604	6707481	1/19/2000	3/16/2004	1/19/2020	LIGHT SOURCE MODULATOR
96223	6687404	6/20/1997	2/3/2004	2/1/2020	AUTOMATIC TRAINING OF LAYOUT PARAMETERS IN A 2D IMAGE MODEL
99427	6678414	2/17/2000	1/13/2004	2/17/2020	LOOSE-GRAY-SCALE TEMPLATE MATCHING
99689D	6604565	1/9/2002	8/12/2003	2/18/2020	CONTINUOUS PROCESS FOR MANUFACTURING IMAGEABLE SEAMED BELTS FOR PRINTERS

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99817	6618171	2/25/2000	9/9/2003	2/25/2020	BLACK POINT ADJUSTMENT BASED ON IMAGE BACKGROUND
99850	6655586	2/25/2000	12/2/2003	2/25/2020	SYSTEMS AND METHODS THAT DETECT A PAGE IDENTIFICATION USING EMBEDDED IDENTIFICATION TAGS
99818	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
98346	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
97526QR	RE38248	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
98022	6644766	4/28/1998	11/11/2003	6/14/2020	PRINTING SYSTEM WITH PHASE SHIFT PRINTING TO REDUCE PEAK POWER CONSUMPTION
99592Q	6588088	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	6605236	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
A0680D	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	11/11/2000	9/16/2003	11/11/2020	HIGH SPEED NON-SEPARABLE COLOR TABLE LOOKUP

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A0725D	6658728	7/27/2001	12/9/2003	11/11/2020	A METHOD FOR FABRICATING A SPRING STRUCTURE ON A SUBSTRATE
99254	6585342	11/13/2000	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
A0997	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	6669800	9/27/2002	12/30/2003	11/28/2020	BELTS HAVING BURNISHED SEAMS
A0984D	6689527	1/14/2003	2/10/2004	11/28/2020	TONER COMPOSITIONS COMPRISING VINYL RESIN AND POLY(3,4-ETHYLENEDIOXYTHIOPHENE)
A0981D	6699633	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	6665587	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	12/20/2020	ENCODED SHEET MATERIAL AND SYSTEM FOR PROCESSING
A0689QD	6589702	9/3/2002	7/8/2003	12/20/2020	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	6586150	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	6633821	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
A0430	6709992	10/30/2000	3/23/2004	1/25/2021	SMOOTH SURFACE TRANSFUSE BELTS AND PROCESS FOR PREPARING SAME

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A0A23	6673501	11/28/2000	1/6/2004	1/28/2021	TONER COMPOSITIONS COMPRISING POLYESTER RESIN AND POLYPYRROLE
A0554Q6	6632373	9/28/2000	10/14/2003	2/1/2021	METHOD FOR AN OPTICAL SWITCH ON A SUBSTRATE
99013	6606955	11/29/2000	8/19/2003	2/3/2021	RE-CONFIGURABLE PALLET FOR USE IN AUTOMATED MANUFACTURING OR MATERIAL HANDLING
A0554Q5	6632374	9/28/2000	10/14/2003	2/3/2021	METHOD FOR AN OPTICAL SWITCH ON A SILICON ON INSULATOR SUBSTRATE
A0984	6686111	11/28/2000	2/3/2004	2/4/2021	TONER COMPOSITIONS COMPRISING VINYL RESIN AND POLY(3,4-ETHYLENEDIOXYTHIOPHENE)
A0A90	6595787	2/9/2001	7/22/2003	2/9/2021	LOW COST INTEGRATED OUT-OF-PLANE MICRO-DEVICE STRUCTURES AND METHOD OF MAKING
A0150	6591080	3/21/2001	7/8/2003	3/21/2021	LOOSE SLEEVE PRESSURE MEMBER
A0447	6593049	3/26/2001	7/15/2003	3/26/2021	TONER AND DEVELOPER COMPOSITIONS
A0449	6621554	11/20/2000	9/16/2003	3/31/2021	METHOD AND APPARATUS FOR CONTROLLING HUMIDITY IN A COPYING DEVICE
95436	6627002	7/28/2000	9/30/2003	3/31/2021	HOLLOW CYLINDRICAL IMAGING MEMBER TREATMENT PROCESS(WITH SOLID CARBON DIOXIDE PELLETS)
99667	6690350	1/11/2001	2/10/2004	4/5/2021	ROTATING ELEMENT SHEET MATERIAL WITH DUAL VECTOR FIELD ADDRESSING
A0806	6680095	1/30/2001	1/20/2004	4/6/2021	CROSSLINKING OF FLUOROPOLYMERS WITH POLYFUNCTIONAL SILOXANES FOR RELEASE ENHANCEMENT
A0401	6629739	12/14/2000	10/7/2003	4/7/2021	APPARATUS AND METHOD FOR DROP SIZE SWITCHING IN INK JET PRINTING
A0963	6604811	12/15/2000	8/12/2003	4/10/2021	INK JET PRINTER HAVING A FAST ACTING MAINTENANCE ASSEMBLY
A0722	6607320	3/30/2001	8/19/2003	4/23/2021	MOBIUS COMBINATION OF REVERSION AND RETURN PATH IN A PAPER TRANSPORT SYSTEM
99436	6613815	2/2/2001	9/2/2003	4/25/2021	INKS COMPRISING LINEAR ABS/CS/BA' OR BAS/CS/AB' ALKYLENE OXIDE/SILOXANE BLOCK COPOLYMERS
99135	6599628	11/15/2000	7/29/2003	5/1/2021	ORGANIC BASED TITANATE PRIMERS TO BOND FLUORO-CONTAINING COMPOUND TO SILICONE RUBBER
A1033	6633790	1/29/2001	10/14/2003	5/2/2021	SYSTEMS AND METHODS FOR OPTIMIZING A PRODUCTION FACILITY
99780	6583449	5/7/2001	6/24/2003	5/7/2021	SEMICONDUCTOR DEVICE AND METHOD OF FORMING A SEMICONDUCTOR DEVICE
A0592	6625416	10/27/2000	9/23/2003	5/16/2021	TRANSFIX COMPONENT HAVING HALOELASTOMER OUTER LAYER
99660QD	6650416	12/4/2002	11/18/2003	5/22/2021	COLOR IMAGER BAR BASED SPECTROPHOTOMETER PHOTODETECTOR OPTICAL ORIENTATION

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99660D	6690471	2/28/2003	2/10/2004	5/22/2021	COLOR IMAGER BAR BASED SPECTROPHOTOMETER FOR COLOR PRINTER COLOR CONTROL SYSTEM
A0A75	6600895	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	12/8/2000	7/29/2003	6/10/2021	SYSTEM AND METHOD FOR ANALYZING EYETRACKER DATA
A0661D	6582873	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	6666605	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
R96006	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	6687480	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

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A1037Q	6582866	8/31/2001	6/24/2003	8/31/2021	TONER WITH INCREASED SURFACE ADDITIVE ADHESION AND OPTIMIZED COHESION BETWEEN PARTICLES
A1037QD	6599673	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
A0985	6603281	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	6596450	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
A0A56	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	6583891	11/29/2000	6/24/2003	9/22/2021	SYSTEMS AND METHODS OF ESTIMATING SHEET SUPPLIES IN A PRINTING SYSTEM
98034	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	10/2/2021	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
A0A98	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 PROPRIETED DOCUMENT MANAGEMENT SYSTEM TO A RELATIONAL DATABASE
A1253	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	DUPLEX/SIMPLEX PRINTER
99640	6654743	11/13/2000	11/25/2003	11/18/2021	ROBUST CLUSTERING OF WEB DOCUMENTS

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A0641	6584903	12/12/2000	7/1/2003	11/19/2021	COLOR DIGITAL FRONT END DECOMPOSER OUTPUT TO MULTIPLE COLOR SPACES WITH ACTUAL OUTPUT OPTIONALLY BEING DETERMINED BY INPUT COLOR SPACES
A0747	6682865	11/21/2001	1/27/2004	11/21/2021	HYBRID ELECTROPHOTOGRAPHIC APPARATUS FOR CUSTOM COLOR PRINTING
A0747D	6684045	5/29/2003	1/27/2004	11/21/2021	HYBRID ELECTROPHOTOGRAPHIC APPARATUS FOR CUSTOM COLOR PRINTING
A0B14	6600507	10/22/2001	7/29/2003	11/24/2021	PHOTORECEPTOR BELT TRACKING APPARATUS EMPLOYING AN ACTUATED EDGE GUIDE SYSTEM AND LOW LATERAL FORCE ROLLERS
A0A30Q	6646652	12/21/2000	11/11/2003	11/27/2021	SYSTEM AND METHOD FOR BROWSING NODE-LINK STRUCTURES BASED ON AN ESTIMATED DEGREE OF INTEREST
A0735Q3	6617089	11/29/2001	9/9/2003	11/29/2021	DEVELOPER COMPOSITION FOR NON-INTERACTIVE MAGNETIC BRUSH DEVELOPMENT
A0735Q4	6677098	11/29/2001	11/3/2004	11/29/2021	DEVELOPER COMPOSITION FOR NON-INTERACTIVE MAGNETIC BRUSH DEVELOPMENT
A0A90Q1	6655964	2/9/2001	12/2/2003	12/1/2021	LOW COST INTEGRATED OUT-OF-PLANE MICRO-DEVICE STRUCTURES AND METHOD OF MAKING
A1243	6667756	8/27/2001	12/23/2003	12/4/2021	METHOD OF SHIFTING AN IMAGE OR PAPER TO REDUCE SHOW THROUGH IN DUPLEX PRINTING
A1353	6611362	9/28/2001	8/26/2003	12/7/2021	AUTOMATIC BOOK PAGE TURNER FOR IMAGING
A0A68	6631250	12/7/2001	10/7/2003	12/7/2021	DEVELOPER FILTRATION MODULE
A1424	6606463	12/12/2001	8/12/2003	12/12/2021	OPTICAL TONER CONCENTRATION SENSOR
99132	6584296	11/30/2001	6/24/2003	12/14/2021	ELECTRO-MECHANICAL ROLL WITH CORE AND SEGMENTS
A0128	6618564	12/14/2001	9/9/2003	12/14/2021	ELECTROPHOTOGRAPHIC DEVELOPMENT SYSTEM WITH CUSTOM COLOR PRINTING
98610	6621998	12/14/2001	9/16/2003	12/14/2021	METHOD AND APPARATUS FOR FORMATION AND DEVELOPMENT OF HIGH SOLIDS CONTENT TONER CAKE IN AN ELECTROSTATIC PRINTING SYSTEM
99446	6606476	12/19/2001	8/12/2003	12/19/2021	TRANSFIX COMPONENT HAVING HALOELASTOMER AND SILICONE HYBRID MATERIAL
A0131	6608978	12/19/2001	8/19/2003	12/19/2021	PAPER-SAVING METHODS FOR PRINTING A DOCUMENT
A1155	6633738	12/20/2001	10/14/2003	12/20/2021	SELF-CLEANING MECHANISM ENABLING VISIBILITY INTO CONTAINERS OF PARTICLES
A1570	6640059	12/20/2001	10/28/2003	12/20/2021	APPARATUS FOR FACILITATING JAM CLEARANCE IN A PRINTER
A1640	6602156	12/6/2001	8/5/2003	12/27/2021	IMAGEABLE SEAMED BELTS HAVING POLYAMIDE AND DOPED METAL OXIDE ADHESIVE BETWEEN INTERLOCKING SEAMING MEMBERS

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A0A70	6612571	12/6/2001	9/2/2003	12/27/2021	SHEET CONVEYING DEVICE HAVING MULTIPLE OUTPUTS
A0138Q	6633732	12/28/2001	10/14/2003	12/28/2021	RELIABILITY MODEL BASED COPY COUNT CORRECTION DURING SYSTEM RECOVERY FOR PREDICTIVE DIAGNOSTICS
A1134	6667752	12/28/2001	12/23/2003	12/28/2021	PRINTING MACHINE DISCHARGE DEVICE INCLUDING PLURALITIES OF EMITTERS FOR DIFFERENT DEGREES OF IMAGE RECEIVER CHARGE MANIPULATION
A0735	6671483	11/29/2001	12/30/2003	12/29/2021	APPARATUS AND METHOD FOR NON-INTERACTIVE MAGNETIC BRUSH DEVELOPMENT
A1225	6584435	8/30/2001	6/24/2003	12/31/2021	SYSTEMS AND METHODS FOR DETERMINING SPECTRA USING DYNAMIC KARHUNEN-LOEVE ALGORITHMS WITH MEASUREMENTS FROM LED COLOR SENSOR
A0866	6654582	12/31/2001	11/25/2003	1/6/2022	MAGNETIC ROLL ASSEMBLY
99738	6686930	11/29/2000	2/3/2004	1/6/2022	TECHNIQUE FOR ACCOMPLISHING COPY AND PASTE AND SCAN TO FIT USING STANDARD TWAIN DATA SOURCE
A0B04	6581456	1/7/2002	6/24/2003	1/7/2022	SUBSTRATE BENDING STIFFNESS MEASUREMENT METHOD AND SYSTEM
A0928	6604818	1/7/2002	8/12/2003	1/7/2022	CONTROLLED WATER EVAPORATION FROM INK JET INKS
A0935	6687468	1/7/2002	2/3/2004	1/7/2022	MULTI-POSITION FUSER NIP CAM
A1237	6658218	12/28/2001	12/2/2003	1/9/2022	ILLUMINATED COMPONENTS FOR GUIDING MAINTENANCE AND REPAIR SEQUENCE
A1659	6659328	12/18/2001	12/9/2003	1/9/2022	METHOD AND APPARATUS FOR DEPOSITION OF SOLDER PASTE FOR SURFACE MOUNT COMPONENTS ON A PRINTED WIRING BOARD
A1378	6661990	1/9/2002	12/9/2003	1/9/2022	FUSING APPARATUS HAVING A PNEUMATIC MEMBER
A0138Q1	6606462	1/11/2002	8/12/2003	1/11/2022	RELIABILITY MODEL BASED COPY COUNT CORRECTION WITH SELF MODIFICATION DURING SYSTEM RECOVERY FOR PREDICTIVE DIAGNOSTICS
A1334	6621099	1/11/2002	9/16/2003	1/11/2022	POLYTHIOPHENES AND DEVICES THEREOF
99255	6631900	1/11/2002	10/14/2003	1/11/2022	PAPER SHEET ROTATOR (AND COMBINATION INVERTER) DEVICE FOR AN IOT
99070	6633052	1/11/2002	10/14/2003	1/11/2022	DISCRIMINATING PAPER SENSOR
97713	6650865	1/11/2002	11/18/2003	1/11/2022	STALLED ROLL REGISTRATION SYSTEM AND METHOD EMPLOYING A BAL-ON-BELT INPUT TRANSPORT
A0565	6583234	7/26/2001	6/24/2003	1/13/2022	PROCESS FOR PREPARING WATERFASTNESS ADDITIVE
A1230	6606478	1/14/2002	8/12/2003	1/14/2022	COMPOSITE TRANSFER ASSIST BLADE
98613	6647220	10/19/2001	11/11/2003	1/14/2022	SYSTEM AND METHOD FOR CONDITIONING A TONER BEFORE DEVELOPMENT
A1546	6640083	1/15/2002	10/28/2003	1/15/2022	INTERMEDIATE TRANSPARENT DOCUMENT HOLDER COVER FOR PHOTOCOPYING MACHINE PLATEN

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97516	6596644	1/16/2002	7/22/2003	1/16/2022	METHODS FOR FORMING FEATURES IN POLYMER LAYERS
A0A77	6606477	1/16/2002	8/12/2003	1/16/2022	A METHOD TO CONTROL PRE- AND POST-NIP FIELDS FOR TRANSFER
A0578	6610452	1/16/2002	8/26/2003	1/16/2022	TONER COMPOSITIONS WITH SURFACE ADDITIVES
A1389	6613237	1/14/2002	9/2/2003	1/16/2022	APPARATUS AND METHOD FOR REMOVING MATTER ON A FLUID SURFACE OF A TANK
98612	6684048	1/16/2002	1/27/2004	1/16/2022	IMAGE PREPARATION SYSTEM FOR TRANSFER TO SUBSTRATES
A0650	6637849	1/16/2002	10/28/2003	1/22/2022	SYSTEMS AND METHODS FOR HUE CONTROL
A1502	6585816	11/9/2001	7/1/2003	1/23/2022	PHASE CHANGE INKS CONTAINING BORATE ESTERS
A0669	6699570	11/6/2001	3/2/2004	1/23/2022	COLORLED CYBER TONER USING MULTICOLORED GYRICON SPHERES
A0658	6614175	1/26/2001	9/2/2003	1/25/2022	ORGANIC LIGHT EMITTING DEVICES
A0103	6639669	9/10/2001	10/28/2003	1/28/2022	DIAGNOSTICS FOR COLOR PRINTER ON-LINE SPECTROPHOTOMETER CONTROL SYSTEM
A0671	6677926	6/11/2001	1/13/2004	1/29/2022	ELECTROPHORETIC DISPLAY DEVICE
A1075	6661441	1/30/2002	12/9/2003	1/30/2022	COMBINED LENS, HOLDER, AND APERTURE
A1006	6586148	1/31/2002	7/1/2003	1/31/2022	IMAGING MEMBERS
A0957	6692000	10/9/2001	2/17/2004	2/3/2022	BEARING CONTAINING AND FORCE APPLYING DEVICE
A1133	6640068	11/9/2001	10/28/2003	2/4/2022	IMPROVED SYSTEM FOR HANDLING LONG PHOTORECEPTOR BELTS
A0517	6650851	1/22/2002	11/18/2003	2/4/2022	COMBINED CHARGE/RECHARGE XEROGRAPHIC POWER SUPPLY
A1303	6587793	9/17/2001	7/1/2003	2/6/2022	SYSTEMS AND METHODS FOR DETERMINING SPECTRA USING FUZZY INFERENCE ALGORITHMS WITH MEASUREMENTS FROM LED COLOR SENSOR
99607	6621599	6/14/2000	9/16/2003	2/6/2022	AUTO-WIDTH DETECTION USING BACKING IMAGE
A0779	6668085	8/1/2000	12/23/2003	2/6/2022	CHARACTER MATCHING PROCESS FOR TEXT CONVERTED FROM IMAGES
A1132	6610972	6/27/2001	8/26/2003	2/7/2022	SYSTEM FOR COMPENSATING FOR CHIP-TO-CHIP GAP WIDTHS IN A MULTI-CHIP PHOTSENSITIVE SCANNING ARRAY
99025	6633739	12/17/2001	10/14/2003	2/7/2022	DETONING BLADE
A1500Q	6672717	11/13/2001	1/6/2004	2/7/2022	INK JET PRINTING WITH INKS CONTAINING CATIONIC-ANIONIC MONOMER PAIRS
A1260	6613489	2/13/2002	9/2/2003	2/13/2022	TONER AND METHOD FOR THE PRODUCTION THEREOF
A0705	6633478	4/18/2001	10/14/2003	2/16/2022	SYSTEM FOR CONTROLLING AN ELECTROMAGNETIC DEVICE
A1023	6646247	3/22/2001	11/11/2003	2/16/2022	PHOTOSENSITIVE APPARATUS IN WHICH AN INITIAL CHARGE ON A PHOTODIODE IS SAMPLED AND THEN RETRANSFERRED TO THE PHOTODIODE
A0B10	6608643	1/16/2002	8/19/2003	2/17/2022	SYSTEMS AND METHODS FOR MEASURING OR REDUCING SPACING ERRORS IN MULTIPLE BEAM ROS SYSTEMS

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A1347	6660441	1/7/2002	12/9/2003	2/17/2022	SIMPLIFIED FLEXIBLE ELECTROSTATOGRAPHIC IMAGING MEMBER BELT
A1419	6598954	1/9/2002	7/29/2003	2/18/2022	APPARATUS AND PROCESS FOR BALLISTIC AEROSOL MARKING
A1712	6637666	2/19/2002	10/28/2003	2/19/2022	CODING SCHEME FOR ENCODED SHEET MATERIAL
A1342	6617261	12/18/2001	9/9/2003	2/21/2022	STRUCTURE AND METHOD FOR FABRICATING GAN SUBSTRATES FROM TRENCH PATTERNED GAN LAYERS ON SAPPHIRE SUBSTRATES
A1185	6659587	12/19/2001	12/9/2003	2/21/2022	WASTE FLUID COLLECTION CONTAINER
99427Q4	6686922	12/21/2000	2/3/2004	2/21/2022	ADAPTIVE THRESHOLDING USING LOOSE GRAY SCALE TEMPLATE MATCHING
A1063	6658179	11/8/2001	12/2/2003	2/23/2022	MONOLITHIC RECONFIGURABLE OPTICAL MULTIPLEXER SYSTEMS AND METHODS
A1222	6626427	2/25/2002	9/30/2003	2/25/2022	ADAPTIVE SHEET FEEDING ROLL
A1380	6638677	3/1/2002	10/28/2003	3/2/2022	TONER PROCESSES
A0970	6684499	1/7/2002	2/3/2004	3/2/2022	METHOD FOR FABRICATING A SPRING STRUCTURE
A0910	6705697	3/6/2002	3/16/2004	3/6/2022	SERIAL DATA INPUT FULL WIDTH ARRAY PRINT BAR METHOD AND APPARATUS
A0961	6658225	2/28/2002	12/2/2003	3/14/2022	NON-UNIFORM PRE-CHARGE ERASE ARRAY WITH RELATIVELY UNIFORM OUTPUT
A1073	6663234	3/15/2002	12/16/2003	3/15/2022	INK CARTRIDGE PROVIDING IMPROVED INK SUPPLY
A0A71	6608988	10/18/2001	8/19/2003	3/20/2022	CONSTANT INVERTER SPEED TIMING METHOD AND APPARATUS FOR DUPLEX SHEETS IN A TANDEM PRINTER
A2027	6654586	3/20/2002	11/25/2003	3/20/2022	AUTOMATIC RESTACKING TRAY SIDE GUIDE REPOSITIONING SYSTEM PROVIDING SHEET STACKING SCATTER REDUCTION
A1525	6615717	3/21/2002	9/9/2003	3/21/2022	SYMMETRICAL PARALLEL DUPLEX PAPER PATH DEVICE
A1296	6611665	1/18/2002	8/26/2003	3/22/2022	METHOD AND APPARATUS USING A BIASED TRANSFER ROLL AS A DYNAMIC ELECTROSTATIC VOLT-METER FOR SYSTEM DIAGNOSTICS AND CLOSED LOOP PROCESS CONTROLS
A0821	6680740	5/7/2001	1/20/2004	3/22/2022	DYNAMIC SELECTION OF DATA FORMAT CONVERSION PATHS
A1155Q	6609820	12/20/2001	8/26/2003	3/25/2022	INTERNAL AGITATING MECHANISM FOR AGITATING MATERIALS WITHIN SEALED CONTAINERS
A1533	6617092	3/25/2002	9/9/2003	3/25/2022	TONER PROCESSES
A1533Q	6627373	3/25/2002	9/30/2003	3/25/2022	TONER PROCESSES
A0662	6673505	3/25/2002	1/6/2004	3/25/2022	TONER COAGULANT PROCESSES
99427Q	6687385	11/22/2000	2/3/2004	3/25/2022	METHOD FOR STEGANOGRAPHIC ENCODING
99685	6668146	3/26/2002	12/23/2003	3/26/2022	HYBRID SCAVENGELESS DEVELOPMENT USING DIRECT CURRENT VOLTAGE SHIFT TO REMOVE WIRE HISTORY
A2083	6666628	3/29/2002	12/30/2003	3/29/2022	SCANNING PROBE SYSTEM WITH SPRING PROBE

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A0837	6683632	12/8/2000	1/27/2004	4/1/2022	METHOD AND SYSTEM FOR PRESENTING SEMILINEAR HIERARCHY DISPLAYS
A1252	6618413	12/21/2001	9/9/2003	4/2/2022	GRADED SEMICONDUCTOR LAYERS FOR REDUCING THRESHOLD VOLTAGE FOR A NITRIDE-BASED LASER DIODE STRUCTURE
A0353	6614008	12/14/2001	9/2/2003	4/4/2022	UNIVERSAL VOLTAGE FUSER HEATER LAMP
A2095	6661989	4/9/2002	12/9/2003	4/9/2022	XEROGRAPHIC FUSING APPARATUS WITH INPUT SHEET GUIDE
A1526	6652635	4/10/2002	11/25/2003	4/10/2022	CYAN PHASE CHANGE INKS
96476D	6631517	11/2/2000	10/7/2003	4/11/2022	SOFTWARE CONSTRUCTS THAT FACILITATE PARTIAL EVALUATION OF SOURCE CODE
A2045	6593995	4/12/2002	7/15/2003	4/12/2022	DUAL MODE DOCUMENT SCANNER WITH VARIABLE PLATEN LEVEL TRANSITION
A0405	6640426	2/15/2001	11/4/2003	4/12/2022	INSERTION AND EXTRACTION TOOL
A1115	6713222	2/28/2002	3/30/2004	4/13/2022	CURING PROCESSES
A0A97	6665505	12/20/2001	12/16/2003	4/15/2022	DRY INK REPLENISHMENT BOTTLE WITH INTERNAL PLUG AGITATION DEVICE
A1062	6644502	12/20/2001	11/11/2003	4/17/2022	SHEET STACK HOLDING APPARATUS FOR A PRINTER OR COPIER
A0684	6710370	1/17/2002	3/23/2004	4/18/2022	IMAGE SENSOR WITH PERFORMANCE ENHANCING STRUCTURES
A2003	6664018	4/23/2002	12/16/2003	4/23/2022	IN-SITU METHOD OF FORMING ZINC STEARATE DISPERSION AND USE THEREOF IN TONERS
98312	6650847	12/21/2001	11/18/2003	4/24/2022	CONTAINER CONFIGURATION MATCHING SYSTEM AND METHOD
A2119	6644652	4/26/2002	11/11/2003	4/26/2022	MOTION CONTROL FOR SHEETS IN A DUPLEX LOOP OF A PRINTING APPARATUS
A1343	6681671	3/7/2002	1/27/2004	4/28/2022	METHOD AND SYSTEM FOR CUTTING PUZZLE CUT PETALS IN BELTS
A2031Q1	6672716	4/29/2002	1/6/2004	4/29/2022	MULTIPLE PORTION SOLID INK STICK
A1641	6656658	3/25/2002	12/2/2003	5/3/2022	MAGNETITE TONER PROCESSES
A1504	6682591	11/9/2001	1/27/2004	5/3/2022	AQUEOUS INK COMPOSITIONS CONTAINING BORATE ESTERS
A1398Q	6676439	11/9/2001	1/13/2004	5/10/2022	MULTI-DEVICE INTER-CONNECTION SECURING APPARATUS
A0A10	6628909	5/14/2002	9/30/2003	5/14/2022	APPARATUS AND METHOD FOR THE INSTALLATION AND ALIGNMENT OF AN ENDLESS BELT
A1730	6639425	12/26/2001	10/28/2003	5/17/2022	PROCESS AND TEMPERATURE COMPENSATION CIRCUIT FOR INTEGRATED RF SWITCHING
A1381	6713220	5/17/2002	3/30/2004	5/17/2022	PHOTOCONDUCTIVE MEMBERS
A1300	6661978	1/16/2002	12/9/2003	5/25/2022	METHOD AND APPARATUS FOR AUTOMATED JOB RECOVERY
A1689Q2	6696970	12/20/2001	2/24/2004	5/26/2022	RETRACTABLE PIN ARRAY IDENTIFICATION APPARATUS AND METHOD
A2033Q9	6679591	5/30/2002	1/20/2004	5/30/2022	LOAD AND FEED APPARATUS FOR SOLID INK
A2033	6705710	5/30/2002	3/16/2004	5/30/2022	LOAD AND FEED APPARATUS FOR SOLID INK
A2033Q4	6709094	5/30/2002	3/23/2004	5/30/2022	LOAD AND FEED APPARATUS FOR SOLID INK

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A0827	6714694	11/27/2000	3/30/2004	5/30/2022	A METHOD FOR SLIDING WINDOW IMAGE PROCESSING OF ASSOCIATIVE OPERATORS
A2129	6687479	5/31/2002	2/3/2004	5/31/2022	PAPER INPUT GUIDE FOR A TRANSFER ZONE IN A XEROGRAPHIC PRINTING APPARATUS
A0667	6700556	7/26/2001	3/2/2004	6/3/2022	DISPLAY SHEET WITH STACKED ELECTRODE STRUCTURE
A2098	6641222	6/7/2002	11/11/2003	6/7/2022	PRINT MEDIA SUPPLY IDENTIFICATION FOR A COPIER OR PRINTER
A2167	6665510	6/7/2002	12/16/2003	6/7/2022	APPARATUS AND METHOD FOR REDUCING GHOSTING DEFECTS IN A PRINTING MACHINE
A0914	6666535	1/16/2002	12/23/2003	6/8/2022	METHOD AND APPARATUS FOR PREVENTING SATELLITE INDUCED BANDING BY SELECTIVE PIXEL COMPENSATION
A1098	6645687	5/10/2002	11/11/2003	6/9/2022	IMAGING MEMBERS
99488	6650151	12/26/2001	11/18/2003	6/13/2022	PROCESS INSENSITIVE ELECTRONIC DRIVER CIRCUITRY FOR INTEGRATED RF SWITCHING DIODES
A1437Q	6664015	6/12/2002	12/16/2003	6/13/2022	SULFONATED POLYESTER-SILOXANE RESIN
A1538	6669187	6/13/2002	12/30/2003	6/13/2022	REAR JET AIR KNIFE
A1462	6650261	6/18/2002	11/18/2003	6/18/2022	SLIDING WINDOW COMPRESSION METHOD UTILIZING DEFINED MATCH LOCATIONS
A1022Q7	6648467	6/20/2002	11/18/2003	6/20/2022	PHASE CHANGE INK IMAGING COMPONENT WITH POLYMER BLEND LAYER
A2052	6612674	6/24/2002	9/2/2003	6/24/2022	SYSTEM FOR AVOIDING IMAGE EDGE DELETION IN A DIGITAL PRINTING APPARATUS
A0532	6668093	12/4/2000	12/23/2003	6/25/2022	METHOD FOR IMPROVING DICTIONARY-BASED COMPRESSION BY ORDERING RASTER DATA
A2033Q3	6648435	5/30/2002	11/18/2003	6/26/2022	LOAD AND FEED APPARATUS FOR SOLID INK
A1642	6656657	3/25/2002	12/2/2003	6/26/2022	TONER PROCESSES
A1114	6680153	5/21/2002	1/20/2004	6/26/2022	TONER COMPOSITIONS
A2238	6590082	6/27/2002	7/8/2003	6/27/2022	AZO PYRIDONE COLORANTS
A2236	6663703	6/27/2002	12/16/2003	6/27/2022	PHASE CHANGE INKS CONTAINING DIMERIC AZO PYRIDONE COLORANTS
A0156	6670598	9/6/2000	12/30/2003	6/27/2022	LOW POWER AUTOZERO OF PIXEL AMPLIFIER
A1250	6656651	5/22/2002	12/2/2003	6/30/2022	PHOTOCONDUCTIVE MEMBERS
A1339	6652910	2/8/2002	11/25/2003	7/1/2022	APPARATUS AND METHOD FOR CONTROLLING COATING SOLUTION LEVEL WITHIN SUBSTRATE
A1236	6644654	7/3/2002	11/11/2003	7/3/2022	SHEET ORDER GATE
A0067	6690821	12/28/2000	2/10/2004	7/8/2022	DETERMINING THE FONT OF TEXT IN AN IMAGE
A1425	6656650	7/2/2002	12/2/2003	7/9/2022	IMAGING MEMBERS

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A2281Q	6673139	6/27/2002	1/6/2004	7/9/2022	PHASE CHANGE INKS CONTAINING DIMERIC AZO PYRIDONE COLORANTS
A1104D	6661070	7/11/2002	12/9/2003	7/11/2022	MICROMECHANICAL AND MICROOPTOMECHANICAL STRUCTURES WITH SINGLE CRYSTAL SILICON EXPOSURE STEP (JOINT XEROX/MICROSCAN SYSTEMS INC)
A1213	6666399	4/17/2002	12/23/2003	7/16/2022	SYSTEM FOR TRANSFER AND INVERSION OF A CONTINUOUS WEB SUBSTRATE BETWEEN PRINTING AND OTHER DEVICES
A1725Q	6640845	7/17/2002	11/4/2003	7/17/2022	TONER FILLING APPARATUS AND METHOD INCLUDING AN ANTI- DRIBBLING NOZZLE HAVING AIR DISCHARGE PORTS
A0B05	6663206	1/16/2002	12/16/2003	7/18/2022	SYSTEMS AND METHOD FOR MASKING STITCH ERRORS
A2112	6645686	7/23/2002	11/11/2003	7/23/2022	ELECTROPHOTOGRAPHIC IMAGING MEMBERS
A0801	6663802	7/30/2001	12/16/2003	7/23/2022	PROCESSES FOR MAKING BICHROMAL PARTICLES FOR GYRICON DISPLAYS
A1514	6668155	7/23/2002	12/23/2003	7/23/2022	LEAD EDGE PAPER CURL SENSOR
A2152	6677090	7/23/2002	11/13/2004	7/23/2022	IMAGING MEMBER
A1135	6671479	5/28/2002	12/30/2003	7/25/2022	SELECTIVE DEPOPULATION AND/OR REPOPULATION OF A FULL COLOR IMAGE FORMING DEVICE
98609	6671486	6/6/2002	12/30/2003	7/26/2022	COMMON POLARITY TONER DUPLEXING ELECTROSTATOGRAPHIC REPRODUCTION MACHINE
A1379	6669336	7/30/2002	12/30/2003	7/30/2022	INK JET PRINTHEAD HAVING AN INTEGRAL INTERNAL FILTER
A2020	6585368	8/1/2002	7/1/2003	8/1/2022	GEAR CLUTCH ASSEMBLY AND METHOD FOR OPERATING A TRANSFIX ROLLER AND A DRUM MAINTENANCE SYSTEM
A1331	6670054	7/25/2002	12/30/2003	8/1/2022	ELECTROLUMINESCENT DEVICES
A0824	6674899	12/18/2000	1/6/2004	8/1/2022	AUTOMATIC BACKGROUND DETECTION OF SCANNED DOCUMENTS
98696	6683994	11/28/2000	12/27/2004	8/1/2022	HVQ-BASED FILTERING METHOD
A1317	6669386	7/15/2002	12/30/2003	8/2/2022	ADJUSTED CAPACITY LEVEL INDICATOR
A1140	6669188	8/6/2002	12/30/2003	8/6/2022	MULTI-POSITIONAL, ROTATABLE/LARGE SUBSTRATE BACKSTOP GUIDE
A0576	6702195	7/15/2002	3/9/2004	8/11/2022	MULTI-LAYER SLOT COATING DIE WITH SELECTIVE ULTRASONIC ASSIST
A1630	6687653	8/13/2002	2/3/2004	8/13/2022	SYSTEMS AND METHODS FOR A DISTRIBUTED ALGORITHM FOR OPTIMIZATION-BASED DIAGNOSIS
A2141	6664017	8/20/2002	12/16/2003	8/20/2022	DOCUMENT SECURITY PROCESSES
A2277	6673500	8/20/2002	1/6/2004	8/20/2022	DOCUMENT SECURITY PROCESSES
A1536	6644774	8/22/2002	11/11/2003	8/22/2022	INK JET PRINTHEAD HAVING OUT-OF-INK DETECTION USING TEMPERATURE MONITORING SYSTEM
97518	6644791	8/23/2002	11/11/2003	8/23/2022	INK JET PRINTHEAD HAVING EFFICIENT HEAT DISSIPATION AND REMOVAL OF AIR

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A2239	6696552	6/27/2002	2/24/2004	8/25/2022	PROCESS FOR PREPARING SUBSTITUTED PYRIDONE COMPOUNDS
A0538	6707938	12/6/2000	3/16/2004	8/25/2022	PRINCIPAL AXIS LOOK-UP FOR COLOR CORRECTION
A1543	6684043	8/27/2002	1/27/2004	8/27/2022	LONG LIFE CHARGING APPARATUS
A2271	6604556	8/28/2002	8/12/2003	8/28/2022	CONTAINER WITH A CONICAL-SHAPED RAMP AND METHOD OF REMOVING PARTICLES FROM THE SAME
A1639	6634521	8/28/2002	10/21/2003	8/28/2022	SHEET REGISTRATION AND DESKEWING SYSTEM WITH INDEPENDENT DRIVES AND STEERING
A0129	6594460	9/10/2002	7/15/2003	9/10/2022	LOW FORCE LATERAL PHOTORECEPTOR OR INTERMEDIATE TRANSFER BELT TRACKING CORRECTION SYSTEM
A2163	6650866	9/20/2002	11/18/2003	9/20/2022	TRANSFER APPARATUS
A2284	6674269	9/23/2002	1/6/2004	9/23/2022	LIGHT EMITTING DIODE DRIVER AND IMAGE FORMING DEVICE INCLUDING THE SAME
A1242	6652051	9/27/2002	11/25/2003	9/27/2022	SHEET HOLE PUNCHING SYSTEM IN OUTPUT COMPILER OF REPRODUCTION APPARATUS
A1238	6595611	10/1/2002	7/22/2003	10/1/2022	INK EJECTION TRACKING FOR CONTROLLING PRINTHEAD NOZZLE MAINTENANCE
A2195	6674986	10/15/2002	1/6/2004	10/15/2022	INSULATED JOURNALS FOR A DONOR ROLL
A1050	6641053	10/16/2002	11/4/2003	10/16/2022	FOREGROUND/BACKGROUND DOCUMENT PROCESSING WITH DATA GLYPHS
A0394	6700594	10/17/2002	3/2/2004	10/17/2022	METHOD AND ARRANGEMENT FOR REGISTERING COLOR IMAGES
A0126	6640075	10/30/2002	10/28/2003	10/30/2022	ELECTROPHOTOGRAPHIC DEVELOPMENT SYSTEM WITH TONER PURGING
A2234	6713614	6/27/2002	3/30/2004	10/31/2022	DIMERIC AZO PYRIDONE COLORANTS
A2281	6646111	6/27/2002	11/11/2003	11/20/2022	DIMERIC AZO PYRIDONE COLORANTS
A1239	6666444	11/27/2002	12/23/2003	11/27/2022	SHEET SET COMPLING SYSTEM WITH DUAL MODE SET EJECTION AND FIRST SHEET FEEDING AND REVERSAL
A1733	6694109	1/15/2003	2/17/2004	1/15/2023	REAL-TIME CONTROL OF TONE REPRODUCTION CURVE BY REDEFINITION OF LOOKUP TABLES FROM FIT OF IN-LINE ENHANCED TONER AREA COVERAGE (ETAC) DATA
A1537	6697582	1/15/2003	2/24/2004	1/15/2023	DYNAMIC CONTROL PATCHES FOR BETTER TRC CONTROL
98152	6698862	1/16/2003	3/2/2004	1/16/2023	METHODS AND APPARATUS FOR THERMAL INK JET DROP VOLUME CONTROL USING VARIABLE PREPULSES
A1512Q	6681084	2/27/2003	1/20/2004	2/27/2023	METHOD FOR DETERMINATION OF HUMIDITY IN AN XEROGRAPHIC PRINTER
A2172	6713728	2/27/2003	3/30/2004	2/27/2023	DRUM HEATER
A1177	6695435	5/30/2003	2/24/2004	5/30/2023	SELECTIVE REPLACEMENT FOR ARTIFACT REDUCTION
A1565	6698861	6/16/2003	3/2/2004	6/16/2023	SPOT SIZE NOISE TO MINIMIZE STITCH ERROR PERCEPTION

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A3100	6711363	6/16/2003	3/23/2004	6/16/2023	METHOD OF DETERMINING A CHARGING DEVICE PRE-FAULT STATUS, A PRINTING MACHINE ARRANGED WITH THE SAME METHOD, A METHOD OF FORMING A CHARGING DEVICE SERVICE MESSAGE AND A METHOD OF TRIGGERING A CLEANING CYCLE

PATENT SECURITY AGREEMENT

(Patents, Patent Applications and Patent Licenses)

WHEREAS, Xerox Corporation (the "**Lien Grantor**") owns, or in the case of licenses is a party to, the Patent Collateral (as defined below);

WHEREAS, the Lien Grantor, the Overseas Borrowers party thereto, the Lenders party thereto, JPMorgan Chase Bank, as Administrative Agent, Collateral Agent and LC Issuing Bank, 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, 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 Xerox, the Subsidiary Guarantors party thereto and JPMorgan Chase Bank, as Collateral Agent for the Secured Parties referred to therein (in such capacity, together with its successors in such capacity, the "**Grantee**"), and (ii) certain other Security Documents (as defined in the Credit Agreement, and including this Patent Security Agreement), the Lien Grantor has secured certain of its obligations (the "**Secured Obligations**") by granting to the Grantee for the benefit of such Secured Parties a continuing security interest in personal property of the Lien Grantor, including all right, title and interest of the Lien Grantor in and to the Patent Collateral (as defined below);

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Lien Grantor grants to the Grantee for the benefit of the Secured Parties (as defined in the Security Agreement), to secure the Secured Obligations, a continuing security interest in and to all of the Lien Grantor'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**"), except to the extent (and only to the extent) prohibited by a Permitted Encumbrance (as defined in the Security Agreement), whether now owned or existing or hereafter acquired or arising:

(i) each Patent (as defined in the Security Agreement) owned by the Lien Grantor, including, without limitation, each Patent referred to in Schedule 1 hereto;

(ii) each Patent License (as defined in the Security Agreement) to which the Lien Grantor 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 Lien Grantor against third parties for past, present or future infringement of any Patent owned by the Lien Grantor (including, without limitation, any Patent identified in Schedule 1 hereto).

The Lien Grantor hereby irrevocably appoints the Grantee its true and lawful attorney, with full power of substitution, in the name of the Lien Grantor, the Grantee, the Secured Parties or otherwise, for the use and benefit of the Secured Parties, but at the Borrowers' (as defined in the Credit Agreement) expense, to the extent permitted by law to exercise, upon the occurrence and during the continuance of an Actionable Event of Default (as defined in the Security Agreement) or upon acceleration of the Loans (as defined in the Credit Agreement) in accordance with the terms of the Credit Agreement, all or any of the following powers with respect to all or any of the Patent Collateral:

(a) to demand, sue for, collect, receive and give acquittance for any and all monies due or to become due thereon or by virtue thereof,

(b) to settle, compromise, compound, prosecute or defend any action or proceeding with respect thereto,

(c) to sell, transfer, assign or otherwise deal in or with the same or the proceeds thereof, as fully and effectually as if the Grantee were the absolute owner of the Lien Grantor's right, title and interest therein, and

(d) to extend the time of payment of any or all thereof and to make any allowance and other adjustments with reference thereto.

The foregoing security interest is granted in conjunction with the Security Interests (as defined in the Security Agreement) granted by the Lien Grantor to the Grantee pursuant to the Security Agreement. The Lien Grantor acknowledges and affirms that the rights and remedies of the Grantee with respect to the security interest in the Patent Collateral granted hereby are more fully set forth in the Security Agreement, the terms and provisions of which are incorporated by reference herein as if fully set forth herein.

IN WITNESS WHEREOF, the Lien Grantor has caused this Patent
Security Agreement to be duly executed by its officer thereunto duly authorized
as of the 25th day of May, 2004.

XEROX CORPORATION

By: Rhonda Seegal
Name: Rhonda Seegal
Title: U P & Treasurer

Acknowledged:

JPMORGAN CHASE BANK, as
Collateral Agent

By: _____
Name:
Title:

IN WITNESS WHEREOF, the Lien Grantor has caused this Patent Security Agreement to be duly executed by its officer thereunto duly authorized as of the ____ day of May, 2004.

XEROX CORPORATION

By: _____
Name:
Title:

Acknowledged:

JPMORGAN CHASE BANK, as
Collateral Agent

By: _____
Name: _____
Title: _____
David M. Mallett
Vice President

**Schedule 1
to Patent
Security Agreement**

See attached.

FILE NUMBER	FILE DATE	APPLICATION NUMBER
A1572	6/24/2003	10 602801
A3120	6/25/2003	10 603321
A3084	6/25/2003	10 603449
A3037	6/25/2003	10 603985
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A3086	8/21/2003	10 604850
A3358	10/15/2003	10 605630
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A3401	12/11/2003	10 733136
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A3124	12/11/2003	10 733584
A1453	12/11/2003	10 733608
A2582	12/12/2003	10 734380
A3126	12/12/2003	10 735554
A3284	12/15/2003	10 735962
9901711D	12/15/2003	10 736269
A3420	12/12/2003	10 736290
A1100	12/15/2003	10 736412
A3616	12/16/2003	10 736654
A3075Q	12/16/2003	10 736656
A3563	12/16/2003	10 736663
A3278Q	12/16/2003	10 736734
A3572	12/15/2003	10 736822
A2243	12/16/2003	10 736864
A3280	12/16/2003	10 736961
A3025	12/15/2003	10 737268
A3075	12/16/2003	10 737355
A3281	12/16/2003	10 737456
A3322	12/16/2003	10 737516
A3278	12/16/2003	10 737517
A22431	12/16/2003	10 737545
A0902R	12/15/2003	10 737669
A1685	12/15/2003	10 737692

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A3229	12/18/2003	10 737972
A3130	12/18/2003	10 737973
A3556	12/18/2003	10 737975
A3357	12/18/2003	10 737976
A3231	12/18/2003	10 737977
A3160	12/17/2003	10 738597
A2573	12/19/2003	10 739027
A2562	12/19/2003	10 739137
A3282	12/19/2003	10 739176
A1268Q	12/19/2003	10 739177
A2473	12/19/2003	10 739178
A2325	12/19/2003	10 739191
A2325Q	12/19/2003	10 739192
A1268	12/19/2003	10 739204
A2154	12/19/2003	10 739212
A2321	12/19/2003	10 739214
A1445	12/18/2003	10 739613
A3136	12/18/2003	10 739661
A1692	12/18/2003	10 739810
A1534	12/18/2003	10 739840
A3496	12/18/2003	10 739852
A3517	12/22/2003	10 740461
A2416	12/22/2003	10 740468
A3520	12/22/2003	10 740470
A2314	12/22/2003	10 740477
A1089	12/22/2003	10 740478
A3355	12/22/2003	10 740489
A3521	12/22/2003	10 740490
A3411	12/22/2003	10 740491
A2358	12/22/2003	10 740493
A224711	12/19/2003	10 740972
A3440	12/19/2003	10 741561
A3082Q	12/19/2003	10 741568
99419Q	12/19/2003	10 741575
A1194	12/18/2003	10 741662
A3440Q	12/19/2003	10 741703

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A3082	12/19/2003	10 741715
99419	12/19/2003	10 741806
A3599	12/19/2003	10 741980
A3294	12/23/2003	10 742937
A3534	12/23/2003	10 743096
A3533	12/23/2003	10 743097
A3252	12/23/2003	10 743098
A3298	12/23/2003	10 743179
A2122	12/23/2003	10 744022
A3394	12/23/2003	10 744171
A3432	12/23/2003	10 744369
A3474	12/23/2003	10 744449
A3215	12/23/2003	10 744791
A2264	12/23/2003	10 744792
A2109	12/23/2003	10 745214
A1633	12/30/2003	10 748050
A3193	12/30/2003	10 749284
A3513Q	12/30/2003	10 749289
A3350	12/30/2003	10 749290
A3511	12/30/2003	10 749723
A3513	12/30/2003	10 749724
A3462	12/30/2003	10 749725
A2104	12/30/2003	10 749768
A3506	12/30/2003	10 749786
A3512	1/5/2004	10 751626
A3510	1/6/2004	10 752407
A3461	1/7/2004	10 752950
A3464	1/7/2004	10 753042
A3459	1/7/2004	10 753045
A3519	1/7/2004	10 753112
A3460	1/8/2004	10 753577
A3508	1/8/2004	10 753578
A3463	1/8/2004	10 753596
A3466	1/8/2004	10 753606
A3522	1/9/2004	10 754141
A3182	1/10/2004	10 755243

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A3184Q1	1/10/2004	10 755244
A3184	1/10/2004	10 755245
A3182Q	1/10/2004	10 755700
A3184Q	1/10/2004	10 755725
A3605	1/12/2004	10 755745
A3377	1/12/2004	10 756058
A2468	1/12/2004	10 756148
A3045	1/12/2004	10 756210
A2326	1/12/2004	10 756218
A2515	1/14/2004	10 756304
A3128	1/14/2004	10 756313
A2359	1/14/2004	10 756396
A3377Q	1/12/2004	10 756586
A3311	1/12/2004	10 756587
99474	1/13/2004	10 756988
A3266	1/14/2004	10 757129
A1535	1/14/2004	10 757274
A2556	1/14/2004	10 757281
A2217	1/14/2004	10 757318
A1448	1/14/2004	10 757344
A3265	1/15/2004	10 757490
A3267	1/14/2004	10 757688
A3359	1/14/2004	10 757878
A2526	1/16/2004	10 758046
A2361	1/16/2004	10 758096
A3203	1/16/2004	10 758099
A3192	1/15/2004	10 758338
A2491	1/15/2004	10 758344
A1377	1/15/2004	10 758406
A2329	1/14/2004	10 758508
A2188	1/16/2004	10 759638
A2322	1/16/2004	10 759681
A2179	1/16/2004	10 759682
A2418	1/20/2004	10 760846
A2385	1/20/2004	10 760847
A2034	1/20/2004	10 760851

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A2430	1/20/2004	10 760916
A2450	1/20/2004	10 760989
A3191	1/20/2004	10 761082
A3449	1/22/2004	10 761209
A1147	1/21/2004	10 761670
A1457	1/21/2004	10 761880
A2019	1/21/2004	10 762120
A0A23DD	1/21/2004	10 762155
A3412Q	1/21/2004	10 762178
A3412	1/21/2004	10 762179
A3063	1/22/2004	10 762669
A3014	1/22/2004	10 762670
A4005	1/28/2004	10 765146
A1721D	1/27/2004	10 765286
A4004	1/28/2004	10 765327
A2429	1/27/2004	10 765355
99398QC	1/27/2004	10 766675
A3127	1/30/2004	10 767348
A4007	1/28/2004	10 767603
A2578	1/28/2004	10 767754
A1722D	2/2/2004	10 770305
A32071	2/5/2004	10 772564
A32071Q	2/5/2004	10 772693
A3123	2/6/2004	10 773512
97380DDD	2/6/2004	10 773740
A3380	2/9/2004	10 774577
A2106	2/9/2004	10 774636
A3111	2/9/2004	10 774713
A2541	2/9/2004	10 774966
A2258	2/10/2004	10 775365
A3066	2/10/2004	10 775986
A4023	2/12/2004	10 776508
A4024	2/12/2004	10 776509
A3442	2/12/2004	10 776514
A3543	2/12/2004	10 776515
A4026	2/12/2004	10 776516

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A3578	2/12/2004	10 776602
A3579	2/12/2004	10 776603
A3577	2/12/2004	10 776608
A4024Q	2/12/2004	10 776612
A3580	2/12/2004	10 776620
A3323	2/11/2004	10 776831
A3302	2/12/2004	10 777397
A3214	2/12/2004	10 777960
A3318	2/17/2004	10 778220
A2442	2/13/2004	10 778557
A2105	2/13/2004	10 778977
A2563	2/18/2004	10 779711
A1726	2/17/2004	10 780056
A1102D	2/23/2004	10 784517
A3249	2/24/2004	10 785211
A3469	2/25/2004	10 786371
A3653	2/26/2004	10 788944
A3101	3/8/2004	10 793902
A2176D	3/5/2004	10 794930
A3557	3/16/2004	10 801464
A3174	3/16/2004	10 802130
A2507	3/17/2004	10 802213
A2397C	3/16/2004	10 803531
A3119Q	3/19/2004	10 804940
A3119	3/19/2004	10 805064
A1554	3/22/2004	10 806008
A2110	3/23/2004	10 807073
A2177D	3/26/2004	10 810370
A2010Q2D	3/26/2004	10 811197
A0679D	3/30/2004	10 812035
A2120	3/30/2004	10 812478
A3455	3/30/2004	10 812518
A0123D	3/29/2004	10 812545
A3454	3/30/2004	10 812685
A3021	3/30/2004	10 812793
A4025	3/31/2004	10 813278

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A0867D	3/31/2004	10 815073
A0B04DD	3/31/2004	10 815142
DSA3345	10/30/2003	29 192775
DSA3328Q	10/30/2003	29 192776
DSA3342	10/30/2003	29 192777
DSA3344Q	10/30/2003	29 192778
DSA3344	10/30/2003	29 192779
DSA3331	10/30/2003	29 192780
DSA3348Q2	10/30/2003	29 192781
DSA3328	10/30/2003	29 192783
DSA3326	10/30/2003	29 192784
DSA3333	10/30/2003	29 192785
DSA3348Q6	10/30/2003	29 192786
DSA3348Q9	10/30/2003	29 192787
DSA3348Q8	10/30/2003	29 192788
DSA3348	10/30/2003	29 192789
DSA3348Q4	10/30/2003	29 192790
DSA3348Q	10/30/2003	29 192791
DSA3348Q10	10/30/2003	29 192795
DSA3348Q5	10/30/2003	29 192796
DSA3348Q1	10/30/2003	29 192798
DSA3348Q7	10/30/2003	29 192803
DSA3348Q3	10/30/2003	29 192804
DSA3400Q3	12/8/2003	29 195149
DSA3400	12/8/2003	29 195153
DSA3400Q7	12/8/2003	29 195170
DSA3400Q5	12/8/2003	29 195171
DSA3400Q2	12/8/2003	29 195183
DSA3400Q6	12/8/2003	29 195187
DSA3400Q1	12/8/2003	29 195191
DSA3400Q4	12/8/2003	29 195192
DSA3400Q8	12/8/2003	29 195212
DSA3400Q	12/8/2003	29 195218
DSA3573	12/17/2003	29 195932
DSA3395	12/22/2003	29 196224
DSA4007	1/28/2004	29 198364

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DSA4008	1/28/2004	29 198365
DSA4009	1/28/2004	29 198366
DSA4011	1/28/2004	29 198367
DSA4010	1/28/2004	29 198368
A3354P	11/14/2003	60 481639
A3356P	11/14/2003	60 481644
A4021P	6/25/2003	60 482587
A2463P	7/30/2003	60 491042
A2069P	7/30/2003	60 491043
A2509P	7/30/2003	60 491044
A3286P	8/30/2003	60 498752
A4022P	9/10/2003	60 501803
A3433P	9/24/2003	60 505676
A3140P	9/26/2003	60 506135
A3146QP	9/26/2003	60 506545
A2184P	11/17/2003	60 520686
A3201P	11/25/2003	60 525051
A0534P	12/4/2003	60 527069
A3607P	12/8/2003	60 527938
A3609P	12/8/2003	60 528261
A1746P	12/12/2003	60 529186
A1742P	12/12/2003	60 529187
A1292P	12/18/2003	60 530573
A2571P	12/19/2003	60 531481
A3292P	1/12/2004	60 535855
A3292QP	1/12/2004	60 535857
A4051P	2/24/2004	60 547405

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893401C	6601159	4/4/1997	7/29/2003	12/31/2011	INTEGRATED INFORMATION SUPPORT SYSTEM FOR A COPIER SYSTEM
93202CD	6611991	5/22/2001	9/2/2003	7/19/2013	MOLDED INSEPARABLE ASSEMBLY
942411D1	6671064	2/8/2001	12/30/2003	5/17/2015	OBJECT OPTIMIZED PRINTING SYSTEM AND METHOD
A03061	6620228	5/13/1998	9/16/2003	6/28/2016	ISOCYANATE-DERIVED MATERIALS FOR USE IN PHASE CHANGE INK JET INKS
964101	6603954	4/16/1999	8/5/2003	1/21/2017	POST SLIT DECURLER AND SHEET STACKER DEVICE
DSA2062	D478347	9/25/2002	8/12/2003	8/12/2017	COLOR INK STICK FOR SOLID INK PRINTER
DSA2062Q1	D478621	9/25/2002	8/19/2003	8/19/2017	COLOR INK STICK FOR SOLID INK PRINTER
DSA2058	D479368	9/25/2002	9/2/2003	9/2/2017	COLOR INK STICK FOR SOLID INK PRINTER
PX97006	6658623	9/15/1997	12/2/2003	9/15/2017	METHOD AND SYSTEM FOR SUGGESTING RELATED DOCUMENTS (PARC/FUJI XEROX)
97405C	6630922	3/20/2001	10/7/2003	10/29/2017	HANDEDNESS DETECTION FOR A PHYSICAL MANIPULATORY GRAMMAR
DSA2063Q1	D481757	9/25/2002	11/4/2003	11/4/2017	COLOR INK STICK FOR SOLID INK PRINTER
DSA2063	D481758	9/25/2002	11/4/2003	11/4/2017	COLOR INK STICK FOR SOLID INK PRINTER
DSA2062Q	D481759	9/25/2002	11/4/2003	11/4/2017	COLOR INK STICK FOR SOLID INK PRINTER
97503	6687018	11/7/1997	2/3/2004	11/7/2017	SYSTEM AND METHOD FOR DISTRIBUTING PRINT JOBS
DSA2174Q2	D482041	12/5/2002	11/11/2003	11/11/2017	ICON FOR A PORTION OF AN ELECTRONIC DISPLAY
DSA2174Q	D482042	12/5/2002	11/11/2003	11/11/2017	ICON FOR A PORTION OF AN ELECTRONIC DISPLAY
DSA2174	D482043	12/5/2002	11/11/2003	11/11/2017	ICON FOR A PORTION OF AN ELECTRONIC DISPLAY
DSA2174Q1	D482044	12/5/2002	11/11/2003	11/11/2017	ICON FOR A PORTION OF AN ELECTRONIC DISPLAY
DS99160D	D482059	4/2/2003	11/11/2003	11/11/2017	TONER LOADING BOTTLE
DSA2064	D482062	9/25/2002	11/11/2003	11/11/2017	COLOR INK STICK FOR SOLID INK PRINTER
DSA2063Q	D482063	9/25/2002	11/11/2003	11/11/2017	COLOR INK STICK FOR SOLID INK PRINTER
97495	6665841	11/14/1997	12/16/2003	11/14/2017	TRANSMISSION OF SUBSETS OF LAYOUT OBJECTS AT DIFFERENT RESOLUTIONS
DSA2064Q1	D482388	9/25/2002	11/18/2003	11/18/2017	COLOR INK STICK FOR SOLID INK PRINTER
DSA2061	D482389	9/25/2002	11/18/2003	11/18/2017	COLOR INK STICK FOR SOLID INK PRINTER
DSA2064Q	D482720	9/25/2002	11/25/2003	11/25/2017	COLOR INK STICK FOR SOLID INK PRINTER
DSA2060	D482721	9/25/2002	11/25/2003	11/25/2017	COLOR INK STICK FOR SOLID INK PRINTER
DSA2059	D482722	9/25/2002	11/25/2003	11/25/2017	COLOR INK STICK FOR SOLID INK PRINTER
DSA2065	D483062	9/25/2002	12/2/2003	12/2/2017	COLOR INK STICK FOR SOLID INK PRINTER
DSA2065Q1	D483063	9/25/2002	12/2/2003	12/2/2017	COLOR INK STICK FOR SOLID INK PRINTER
DSA2065Q	D483404	9/25/2002	12/9/2003	12/9/2017	COLOR INK STICK FOR SOLID INK PRINTER
DSA2209	D483800	2/14/2003	12/16/2003	12/16/2017	CONTROL PANEL LEAD-IN SURROUNDING FOR AN OFFICE MACHINE
DSA2207Q1	D484177	2/14/2003	12/23/2003	12/23/2017	PORTION OF SKYLINE WALL FOR AN OFFICE MACHINE

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DSA2206Q	D484178	2/14/2003	12/23/2003	12/23/2017	PORTION OF AN OPERATING-POSITION VIEWABLE PANEL FOR AN OFFICE MACHINE
DSA2210	D484179	2/14/2003	12/23/2003	12/23/2017	PORTION OF OPERATING-POSITION VIEWABLE PANELS AND SKYLINE WALL FOR AN OFFICE MACHINE
DSA2206	D484180	2/14/2003	12/23/2003	12/23/2017	PORTION OF AN OPERATING-POSITION VIEWABLE PANEL FOR AN OFFICE MACHINE
DSA2207Q	D484181	2/14/2003	12/23/2003	12/23/2017	PORTION OF SKYLINE WALL FOR AN OFFICE MACHINE
DSA2207	D484182	2/14/2003	12/23/2003	12/23/2017	SKYLINE WALL FOR A REAR TOP PORTION FOR AN OFFICE MACHINE
DSA2203	D484529	2/14/2003	12/30/2003	12/30/2017	PORTION OF AN OPERATING-POSITION VIEWABLE PANEL FOR AN OFFICE MACHINE
DSA2208	D484531	2/14/2003	12/30/2003	12/30/2017	PORTION OF FRONT PANEL AND CONTROL PANEL LEAD-IN SURROUNDING FOR AN OFFICE MACHINE
DSA2205	D484907	2/14/2003	1/6/2004	1/6/2018	PORTION OF A TOP PANEL FOR AN OFFICE MACHINE
DSA2204	D485295	2/14/2003	1/13/2004	1/13/2018	PORTION OF AN OPERATING-POSITION VIEWABLE PANEL FOR AN OFFICE MACHINE
96288C	6671416	7/30/2001	12/30/2003	1/29/2018	A METHOD FOR TRANSMITTING DATA USING AN EMBEDDED BIT STREAM PRODUCED IN A HIERARCHICAL TABLE-LOOKUP VECTOR QUANTIZER
97446DD	6703074	3/12/2002	3/9/2004	3/5/2018	FLEXIBLE DISPLAYS
96675D	6660444	1/10/2003	12/9/2003	3/9/2018	CARRIER
98094I	6608549	7/31/1998	8/19/2003	3/20/2018	VIRTUAL INTERFACE FOR CONFIGURING AN AUDIO AUGMENTATION SYSTEM
98094	6611196	3/20/1998	8/26/2003	3/20/2018	A SYSTEM AND METHOD FOR PROVIDING AUDIO AUGMENTATION OF A PHYSICAL ENVIRONMENT
R98004	6665490	3/25/1999	12/16/2003	4/1/2018	OBTAINING AND USING DATA ASSOCIATING ANNOTATING ACTIVITIES WITH PORTIONS OF RECORDINGS
95318Q4	6678713	4/29/1998	1/13/2004	4/29/2018	MACHINE CONTROL USING A SCHEDULED LOCK CONSTRUCT
97470	6584479	6/17/1998	6/24/2003	6/17/2018	OVERLAY PRESENTATION OF TEXTUAL AND GRAPHICAL ANNOTATIONS
97486	6683646	11/24/1997	1/27/2004	7/11/2018	CMOS IMAGE SENSOR ARRAY HAVING CHARGE SPILLOVER PROTECTION FOR PHOTODIODES
98534	6636899	9/24/1998	10/21/2003	9/24/2018	ARCHITECTURE FOR SOFTWARE FOR REMOTE MAINTENANCE OF A MACHINE SUCH AS A COPIER
98707R	RE38437	12/20/2001	2/24/2004	12/1/2018	METHOD AND APPARATUS FOR AN INTEGRATED LASER BEAM SCANNER USING A CARRIER SUBSTRATE
98037	6642964	12/15/1998	11/4/2003	12/15/2018	GEOMETRIC CONFIGURATIONS FOR PHOTOSITES FOR REDUCING MOIRE PATTERNS

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98037Q1	6654056	12/15/1998	11/25/2003	12/15/2018	GEOMETRIC CONFIGURATIONS FOR PHOTOSITES FOR REDUCING MOIRE PATTERNS
96762QD	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	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
98504D	6609708	3/26/2002	8/26/2003	12/23/2018	VACUUM CORRUGATION SHUTTLE FEED DEVICE FOR HIGH CAPACITY FEEDER
98047D	6644785	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	11/4/2003	12/28/2018	MARKING ENGINE AND METHOD TO OPTIMIZE TONE LEVELS IN A DIGITAL OUTPUT SYSTEM
PX98005	6687876	12/30/1998	2/3/2004	12/30/2018	METHOD AND SYSTEM FOR MAINTAINING FREEFORM INK ANNOTATIONS ON CHANGING VIEWS
96796Q211	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
R98017C	6601102	4/1/2002	7/29/2003	3/16/2019	SECURE TOKEN-BASED DOCUMENT SERVER
98228	6647535	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 ELECTOR
99273	6681369	5/5/1999	1/20/2004	5/5/2019	SYSTEM FOR PROVIDING DOCUMENT CHANGE INFORMATION FOR A COMMUNITY OF USERS

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99088	6618170	5/14/1999	9/9/2003	5/14/2019	USER INTERFACE COMPRISING HUE SHIFT CONTROL FOR COLOR PRINTING
99084	6647740	5/18/1999	11/11/2003	5/18/2019	SPECTRUM INVERTER APPARATUS AND METHOD
98730	6665085	5/25/1999	12/16/2003	5/25/2019	SIMULTANEOUS VOICE AND DATA COMMUNICATION FOR DIAGNOSTIC PROCEDURES IN A PRINTING OR COPYING MACHINE
985981	6611271	3/21/2002	8/26/2003	6/3/2019	COMPACT DISK HAVING ASSOCIATED DISPLAY
98481	6621940	6/10/1999	9/16/2003	6/10/2019	IMAGE ROTATION IN OPPONENT 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	6/28/1999	7/22/2003	6/28/2019	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	11/27/2004	7/7/2019	COMPACT-DOT REPRODUCTION OF SCANNED HALFTONE SCREENS
98768C	6593398	1/16/2002	7/15/2003	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 [JNT - FX AND XRX]
99067Q1	6625508	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 PHOTSENSOR ARRAY
99371	6657662	9/3/1999	12/2/2003	9/3/2019	SYSTEM FOR RESETTNG THE VIDEO OFFSET FROM DARK PHOTSENSORS IN AN IMAGE SENSOR ARRAY
99099	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	9/16/1999	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

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98324	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	9/16/2003	9/27/2019	NONBLEEDING FLUORINATED CARBON AND ZINC OXIDE FILLED LAYER FOR BIAS CHARGING MEMBER
98725	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	10/1/1/1999	1/13/2004	10/1/1/2019	EPOXY SILANE CURED FLUOROPOLYMERS
98487	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	6606420	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	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
96182Q3	6652691	10/28/1999	11/25/2003	10/28/2019	SEAM STRESS RELEASE AND PROTRUSION ELIMINATION PROCESS
99086	6654143	10/28/1999	11/25/2003	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	11/12/1999	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	3/9/2004	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	8/5/2003	11/23/2019	IMAGE COLOR REGISTRATION SENSOR CALIBRATION

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98472	6631215	11/23/1999	10/7/2003	11/23/2019	METHOD AND APPARATUS FOR IMPLEMENTING INTEGRATED CAVITY EFFECT CORRECTION IN SCANNERS
94666	6563897	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
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	11/11/2003	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	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
99577Q	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
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	6587227	12/9/1999	7/1/2003	12/9/2019	COPIER HAVING CONTOURED TRACK GUIDES

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97138	6603580	12/10/1999	8/5/2003	12/10/2019	SCANNER HAVING A VARIABLE OBJECT PLANE
98370	6611626	12/10/1999	8/26/2003	12/10/2019	METHOD OF COMPRESSING JPEG FILES USING A CONDITIONAL TRANSFORM
99814	6643030	12/15/1999	11/4/2003	12/15/2019	QUANTIZATION METHOD FOR COLOR DOCUMENT REPRODUCTION IN A COLOR PRINTING SYSTEM
99749	6665425	12/16/1999	12/16/2003	12/16/2019	SYSTEMS AND METHODS FOR AUTOMATED IMAGE QUALITY BASED DIAGNOSTICS AND REMEDIATION OF DOCUMENT PROCESSING SYSTEMS
99471	6618167	12/17/1999	9/9/2003	12/17/2019	APPARATUS AND METHOD FOR DOCUMENT SCHEDULING IN ORDER TO IMPROVE THE PRODUCTIVITY OF A NETWORKED PRINTER
98442	6714677	12/17/1999	3/30/2004	12/17/2019	USE OF CORRELATION HISTOGRAMS FOR IMPROVED GLYPH DECODING
PX98010	6625296	11/3/1998	9/23/2003	12/19/2019	METHOD AND SYSTEM FOR FREEFORM DIGITAL INK ANNOTATION OF DATA TRACES (JOINT FX-XEROX)
98776Q	6608679	12/20/1999	8/19/2003	12/20/2019	SPECTROPHOTOMETRIC ANALYSIS OF INPUT LIGHT
99400C	6631451	4/22/2002	10/7/2003	12/22/2019	SYSTEM AND METHOD FOR CACHING
99242	6674090	12/27/1999	1/6/2004	12/27/2019	STRUCTURE AND METHOD FOR PLANAR LATERAL OXIDATION IN ACTIVE DEVICES
99290	6586318	12/28/1999	7/1/2003	12/28/2019	THIN PHOSPHORUS NITRIDE FILM AS AN N-TYPE DOPING SOURCE USED IN LASER DOPING TECHNOLOGY
99679QD	6709708	6/28/2001	3/23/2004	1/2/2020	IMMERSION COATING SYSTEM
99243	6621844	1/18/2000	9/16/2003	1/18/2020	BURIED OXIDE PHOTONIC DEVICE WITH LARGE CONTACT AND PRECISE APERTURE
99651	6614456	1/19/2000	9/2/2003	1/19/2020	SYSTEMS, METHODS AND GRAPHICAL USER INTERFACES FOR CONTROLLING TONE REPRODUCTION CURVES OF IMAGE CAPTURE AND FORMING DEVICES
99622	6636628	1/19/2000	10/21/2003	1/19/2020	ITERATIVELY CLUSTERED INTERPOLATION FOR GEOMETRICAL INTERPOLATION OF AN IRREGULARLY SPACED MULTIDIMENSIONAL COLOR SPACE
99650	6697091	1/19/2000	2/24/2004	1/19/2020	SYSTEMS, METHODS AND GRAPHICAL USER INTERFACES FOR INDICATING A DESIRED ORIGINAL DOCUMENT ORIENTATION FOR IMAGE CAPTURE DEVICES
99604	6707481	1/19/2000	3/16/2004	1/19/2020	LIGHT SOURCE MODULATOR
96223	6687404	6/20/1997	2/3/2004	2/1/2020	AUTOMATIC TRAINING OF LAYOUT PARAMETERS IN A 2D IMAGE MODEL
99427	6678414	2/17/2000	1/13/2004	2/17/2020	LOOSE-GRAY-SCALE TEMPLATE MATCHING
99689D	6604565	1/9/2002	8/12/2003	2/18/2020	CONTINUOUS PROCESS FOR MANUFACTURING IMAGEABLE SEAMED BELTS FOR PRINTERS

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99817	6618171	2/25/2000	9/9/2003	2/25/2020	BLACK POINT ADJUSTMENT BASED ON IMAGE BACKGROUND
99850	6655586	2/25/2000	12/2/2003	2/25/2020	SYSTEMS AND METHODS THAT DETECT A PAGE IDENTIFICATION USING EMBEDDED IDENTIFICATION TAGS
99818	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
98346	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	1/13/2004	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
97526QR	RE38248	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
98022	6644766	4/28/1998	11/11/2003	6/14/2020	PRINTING SYSTEM WITH PHASE SHIFT PRINTING TO REDUCE PEAK POWER CONSUMPTION
99592Q	6588088	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	6605236	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
A0680D	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

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A0725D	6658728	7/27/2001	12/9/2003	11/11/2020	A METHOD FOR FABRICATING A SPRING STRUCTURE ON A SUBSTRATE
99254	6585342	11/13/2000	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	11/22/2009	3/30/2004	11/23/2020	DEVICES FOR BIOFLUID DROP EJECTION
A0997	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	6669800	9/27/2002	12/30/2003	11/28/2020	BELTS HAVING BURNISHED SEAMS
A0984D	6689527	1/14/2003	2/10/2004	11/28/2020	TONER COMPOSITIONS COMPRISING VINYL RESIN AND POLY(3,4-ETHYLENEDIOXYTHIOPHENE)
A0981D	6699633	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	6665587	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	12/20/2020	ENCODED SHEET MATERIAL AND SYSTEM FOR PROCESSING
A0689QD	6589702	9/3/2002	7/8/2003	12/20/2020	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	6586150	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	11/2/2021	AUTHENTICATED SHEET MATERIAL
A0418	6633821	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
A0430	6709992	10/30/2000	3/23/2004	1/25/2021	SMOOTH SURFACE TRANSFUSE BELTS AND PROCESS FOR PREPARING SAME

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A0A23	6673501	11/28/2000	1/6/2004	1/28/2021	TONER COMPOSITIONS COMPRISING POLYESTER RESIN AND POLYPYRROLE
A0554Q6	6632373	9/28/2000	10/14/2003	2/1/2021	METHOD FOR AN OPTICAL SWITCH ON A SUBSTRATE
99013	6606955	11/29/2000	8/19/2003	2/3/2021	RE-CONFIGURABLE PALLET FOR USE IN AUTOMATED MANUFACTURING OR MATERIAL HANDLING
A0554Q5	6632374	9/28/2000	10/14/2003	2/3/2021	METHOD FOR AN OPTICAL SWITCH ON A SILICON ON INSULATOR SUBSTRATE
A0984	6686111	11/28/2000	2/3/2004	2/4/2021	TONER COMPOSITIONS COMPRISING VINYL RESIN AND POLY(3,4-ETHYLENEDI-OXYTHIOPHENE)
A0A90	6595787	2/9/2001	7/22/2003	2/9/2021	LOW COST INTEGRATED OUT-OF-PLANE MICRO-DEVICE STRUCTURES AND METHOD OF MAKING
A0150	6591080	3/21/2001	7/8/2003	3/21/2021	LOOSE SLEEVE PRESSURE MEMBER
A0447	6593049	3/26/2001	7/15/2003	3/26/2021	TONER AND DEVELOPER COMPOSITIONS
A0449	6621554	11/20/2000	9/16/2003	3/31/2021	METHOD AND APPARATUS FOR CONTROLLING HUMIDITY IN A COPYING DEVICE
95436	6627002	7/28/2000	9/30/2003	3/31/2021	HOLLOW CYLINDRICAL IMAGING MEMBER TREATMENT PROCESS(WITH SOLID CARBON DIOXIDE PELLETS)
99667	6690350	1/11/2001	2/10/2004	4/5/2021	ROTATING ELEMENT SHEET MATERIAL WITH DUAL VECTOR FIELD ADDRESSING
A0806	6680095	1/30/2001	1/20/2004	4/6/2021	CROSSLINKING OF FLUOROPOLYMERS WITH POLYFUNCTIONAL SILOXANES FOR RELEASE ENHANCEMENT
A0401	6629739	12/14/2000	10/7/2003	4/7/2021	APPARATUS AND METHOD FOR DROP SIZE SWITCHING IN INK JET PRINTING
A0963	6604811	12/15/2000	8/12/2003	4/10/2021	INK JET PRINTER HAVING A FAST ACTING MAINTENANCE ASSEMBLY
A0722	6607320	3/30/2001	8/19/2003	4/23/2021	MOBIUS COMBINATION OF REVERSION AND RETURN PATH IN A PAPER TRANSPORT SYSTEM
99436	6613815	2/2/2001	9/2/2003	4/25/2021	INKS COMPRISING LINEAR ABSCS'BA' OR BASCS'AB' ALKYLENE OXIDE/SILOXANE BLOCK COPOLYMERS
99135	6599628	11/15/2000	7/29/2003	5/1/2021	ORGANIC BASED TITANATE PRIMERS TO BOND FLUORO-CONTAINING COMPOUND TO SILICONE RUBBER
A1033	6633790	1/29/2001	10/14/2003	5/2/2021	SYSTEMS AND METHODS FOR OPTIMIZING A PRODUCTION FACILITY
99780	6583449	5/7/2001	6/24/2003	5/7/2021	SEMICONDUCTOR DEVICE AND METHOD OF FORMING A SEMICONDUCTOR DEVICE
A0592	6625416	10/27/2000	9/23/2003	5/16/2021	TRANSFIX COMPONENT HAVING HALOELASTOMER OUTER LAYER
99660QD	6650416	12/4/2002	11/18/2003	5/22/2021	COLOR IMAGER BAR BASED SPECTROPHOTOMETER PHOTODETECTOR OPTICAL ORIENTATION

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99660D	6690471	2/28/2003	2/10/2004	5/22/2021	COLOR IMAGER BAR BASED SPECTROPHOTOMETER FOR COLOR PRINTER COLOR CONTROL SYSTEM
A0A75	6600895	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	12/8/2000	7/29/2003	6/10/2021	SYSTEM AND METHOD FOR ANALYZING EYETRACKER DATA
A0661D	6582873	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	6666605	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
R96006	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 PHOTSENSITIVE 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	6605532	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	6687480	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

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A1037Q	6582866	8/31/2001	6/24/2003	8/31/2021	TONER WITH INCREASED SURFACE ADDITIVE ADHESION AND OPTIMIZED COHESION BETWEEN PARTICLES
A1037QD	6599673	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
A0985	6603281	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	6596450	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
A0A56	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	6583891	11/29/2000	6/24/2003	9/22/2021	SYSTEMS AND METHODS OF ESTIMATING SHEET SUPPLIES IN A PRINTING SYSTEM
98034	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	10/2/2021	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
A0A98	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
A1253	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	DUPLEX/SIMPLEX PRINTER
99640	6654743	11/13/2000	11/25/2003	11/18/2021	ROBUST CLUSTERING OF WEB DOCUMENTS

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A0641	6584903	12/12/2000	7/1/2003	11/19/2021	COLOR DIGITAL FRONT END DECOMPOSER OUTPUT TO MULTIPLE COLOR SPACES WITH ACTUAL OUTPUT OPTIONALLY BEING DETERMINED BY INPUT COLOR SPACES
A0747	6682865	11/21/2001	1/27/2004	11/21/2021	HYBRID ELECTROPHOTOGRAPHIC APPARATUS FOR CUSTOM COLOR PRINTING
A0747D	6684045	5/29/2003	1/27/2004	11/21/2021	HYBRID ELECTROPHOTOGRAPHIC APPARATUS FOR CUSTOM COLOR PRINTING
A0B14	6600507	10/22/2001	7/29/2003	11/24/2021	PHOTORECEPTOR BELT TRACKING APPARATUS EMPLOYING AN ACTUATED EDGE GUIDE SYSTEM AND LOW LATERAL FORCE ROLLERS
A0A30Q	6646652	12/21/2000	11/11/2003	11/27/2021	SYSTEM AND METHOD FOR BROWSING NODE-LINK STRUCTURES BASED ON AN ESTIMATED DEGREE OF INTEREST
A0735Q3	6617089	11/29/2001	9/9/2003	11/29/2021	DEVELOPER COMPOSITION FOR NON-INTERACTIVE MAGNETIC BRUSH DEVELOPMENT
A0735Q4	6677098	11/29/2001	1/13/2004	11/29/2021	DEVELOPER COMPOSITION FOR NON-INTERACTIVE MAGNETIC BRUSH DEVELOPMENT
A0A90Q1	6655964	2/9/2001	12/2/2003	12/1/2021	LOW COST INTEGRATED OUT-OF-PLANE MICRO-DEVICE STRUCTURES AND METHOD OF MAKING
A1243	6667756	8/27/2001	12/23/2003	12/4/2021	METHOD OF SHIFTING AN IMAGE OR PAPER TO REDUCE SHOW THROUGH IN DUPLEX PRINTING
A1353	6611362	9/28/2001	8/26/2003	12/7/2021	AUTOMATIC BOOK PAGE TURNER FOR IMAGING
A0A68	6631250	12/7/2001	10/7/2003	12/7/2021	DEVELOPER FILTRATION MODULE
A1424	6606463	12/12/2001	8/12/2003	12/12/2021	OPTICAL TONER CONCENTRATION SENSOR
99132	6584296	11/30/2001	6/24/2003	12/14/2021	ELECTRO-MECHANICAL ROLL WITH CORE AND SEGMENTS
A0128	6618564	12/14/2001	9/9/2003	12/14/2021	ELECTROPHOTOGRAPHIC DEVELOPMENT SYSTEM WITH CUSTOM COLOR PRINTING
98610	6621998	12/14/2001	9/16/2003	12/14/2021	METHOD AND APPARATUS FOR FORMATION AND DEVELOPMENT OF HIGH SOLIDS CONTENT TONER CAKE IN AN ELECTROSTATIC PRINTING SYSTEM
99446	6606476	12/19/2001	8/12/2003	12/19/2021	TRANSFIX COMPONENT HAVING HALOELASTOMER AND SILICONE HYBRID MATERIAL
A0131	6608978	12/19/2001	8/19/2003	12/19/2021	PAPER-SAVING METHODS FOR PRINTING A DOCUMENT
A1155	6633738	12/20/2001	10/14/2003	12/20/2021	SELF-CLEANING MECHANISM ENABLING VISIBILITY INTO CONTAINERS OF PARTICLES
A1570	6640059	12/20/2001	10/28/2003	12/20/2021	APPARATUS FOR FACILITATING JAM CLEARANCE IN A PRINTER
A1640	6602156	12/6/2001	8/5/2003	12/27/2021	IMAGEABLE SEAMED BELTS HAVING POLYAMIDE AND DOPED METAL OXIDE ADHESIVE BETWEEN INTERLOCKING SEAMING MEMBERS

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A0A70	6612571	12/6/2001	9/2/2003	12/27/2021	SHEET CONVEYING DEVICE HAVING MULTIPLE OUTPUTS
A0138Q	6633732	12/28/2001	10/14/2003	12/28/2021	RELIABILITY MODEL BASED COPY COUNT CORRECTION DURING SYSTEM RECOVERY FOR PREDICTIVE DIAGNOSTICS
A1134	6667752	12/28/2001	12/23/2003	12/28/2021	PRINTING MACHINE DISCHARGE DEVICE INCLUDING PLURALITIES OF EMITTERS FOR DIFFERENT DEGREES OF IMAGE RECEIVER CHARGE MANIPULATION
A0735	6671483	11/29/2001	12/30/2003	12/29/2021	APPARATUS AND METHOD FOR NON-INTERACTIVE MAGNETIC BRUSH DEVELOPMENT
A1225	6584435	8/30/2001	6/24/2003	12/31/2021	SYSTEMS AND METHODS FOR DETERMINING SPECTRA USING DYNAMIC KARHUNEN-LOEVE ALGORITHMS WITH MEASUREMENTS FROM LED COLOR SENSOR
A0866	6654582	12/31/2001	11/25/2003	1/6/2022	MAGNETIC ROLL ASSEMBLY
99738	6686930	11/29/2000	2/3/2004	1/6/2022	TECHNIQUE FOR ACCOMPLISHING COPY AND PASTE AND SCAN TO FIT USING STANDARD TWAIN DATA SOURCE
A0B04	6581456	1/7/2002	6/24/2003	1/7/2022	SUBSTRATE BENDING STIFFNESS MEASUREMENT METHOD AND SYSTEM
A0928	6604818	1/7/2002	8/12/2003	1/7/2022	CONTROLLED WATER EVAPORATION FROM INK JET INKS
A0935	6687468	1/7/2002	2/3/2004	1/7/2022	MULTI-POSITION FUSER NIP CAM
A1237	6658218	12/28/2001	12/2/2003	1/9/2022	ILLUMINATED COMPONENTS FOR GUIDING MAINTENANCE AND REPAIR SEQUENCE
A1659	6659328	12/18/2001	12/9/2003	1/9/2022	METHOD AND APPARATUS FOR DEPOSITION OF SOLDER PASTE FOR SURFACE MOUNT COMPONENTS ON A PRINTED WIRING BOARD
A1378	6661990	1/9/2002	12/9/2003	1/9/2022	FUSING APPARATUS HAVING A PNEUMATIC MEMBER
A0138Q1	6606462	1/11/2002	8/12/2003	1/11/2022	RELIABILITY MODEL BASED COPY COUNT CORRECTION WITH SELF MODIFICATION DURING SYSTEM RECOVERY FOR PREDICTIVE DIAGNOSTICS
A1334	6621099	1/11/2002	9/16/2003	1/11/2022	POLYTHIOPHENES AND DEVICES THEREOF
99255	6631900	1/11/2002	10/14/2003	1/11/2022	PAPER SHEET ROTATOR (AND COMBINATION INVERTER) DEVICE FOR AN IOT
99070	6633052	1/11/2002	10/14/2003	1/11/2022	DISCRIMINATING PAPER SENSOR
97713	6650865	1/11/2002	11/18/2003	1/11/2022	STALLED ROLL REGISTRATION SYSTEM AND METHOD EMPLOYING A BALL-ON-BELT INPUT TRANSPORT
A0565	6583234	7/26/2001	6/24/2003	1/13/2022	PROCESS FOR PREPARING WATERFASTNESS ADDITIVE
A1230	6606478	1/14/2002	8/12/2003	1/14/2022	COMPOSITE TRANSFER ASSIST BLADE
98613	6647220	10/19/2001	11/11/2003	1/14/2022	SYSTEM AND METHOD FOR CONDITIONING A TONER BEFORE DEVELOPMENT
A1546	6640083	1/15/2002	10/28/2003	1/15/2022	INTERMEDIATE TRANSPARENT DOCUMENT HOLDER COVER FOR PHOTOCOPYING MACHINE PLATEN

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97516	6596644	1/16/2002	7/22/2003	1/16/2022	METHODS FOR FORMING FEATURES IN POLYMER LAYERS
A0A77	6606477	1/16/2002	8/12/2003	1/16/2022	A METHOD TO CONTROL PRE- AND POST-NIP FIELDS FOR TRANSFER
A0578	6610452	1/16/2002	8/26/2003	1/16/2022	TONER COMPOSITIONS WITH SURFACE ADDITIVES
A1389	6613237	1/14/2002	9/2/2003	1/16/2022	APPARATUS AND METHOD FOR REMOVING MATTER ON A FLUID SURFACE OF A TANK
98612	6684048	1/16/2002	12/27/2004	1/16/2022	IMAGE PREPARATION SYSTEM FOR TRANSFER TO SUBSTRATES
A0650	6637849	1/16/2002	10/28/2003	1/22/2022	SYSTEMS AND METHODS FOR HUE CONTROL
A1502	6585816	1/19/2001	7/1/2003	1/23/2022	PHASE CHANGE INKS CONTAINING BORATE ESTERS
A0669	6699570	1/16/2001	3/2/2004	1/23/2022	COLOR CYBER TONER USING MULTICOLORED GYRICON SPHERES
A0658	6614175	1/26/2001	9/2/2003	1/25/2022	ORGANIC LIGHT EMITTING DEVICES
A0103	6639669	9/10/2001	10/28/2003	1/28/2022	DIAGNOSTICS FOR COLOR PRINTER ON-LINE SPECTROPHOTOMETER CONTROL SYSTEM
A0671	6677926	6/11/2001	1/13/2004	1/29/2022	ELECTROPHORETIC DISPLAY DEVICE
A1075	6661441	1/30/2002	12/9/2003	1/30/2022	COMBINED LENS, HOLDER, AND APERTURE
A1006	6586148	1/31/2002	7/1/2003	1/31/2022	IMAGING MEMBERS
A0957	6692000	10/9/2001	2/17/2004	2/3/2022	BEARING CONTAINING AND FORCE APPLYING DEVICE
A1133	6640068	1/19/2001	10/28/2003	2/4/2022	IMPROVED SYSTEM FOR HANDLING LONG PHOTORECEPTOR BELTS
A0517	6650851	1/22/2002	11/18/2003	2/4/2022	COMBINED CHARGE/RECHARGE XEROGRAPHIC POWER SUPPLY
A1303	6587793	9/17/2001	7/1/2003	2/6/2022	SYSTEMS AND METHODS FOR DETERMINING SPECTRA USING FUZZY INFERENCE ALGORITHMS WITH MEASUREMENTS FROM LED COLOR SENSOR
99607	6621599	6/14/2000	9/16/2003	2/6/2022	AUTO-WIDTH DETECTION USING BACKING IMAGE
A0779	6668085	8/1/2000	12/23/2003	2/6/2022	CHARACTER MATCHING PROCESS FOR TEXT CONVERTED FROM IMAGES
A1132	6610972	6/27/2001	8/26/2003	2/7/2022	SYSTEM FOR COMPENSATING FOR CHIP-TO-CHIP GAP WIDTHS IN A MULTI-CHIP PHOTOSENSITIVE SCANNING ARRAY
99025	6633739	12/17/2001	10/14/2003	2/7/2022	DETONING BLADE
A1500Q	6672717	11/13/2001	1/6/2004	2/7/2022	INK JET PRINTING WITH INKS CONTAINING CATIONIC-ANIONIC MONOMER PAIRS
A1260	6613489	2/13/2002	9/2/2003	2/13/2022	TONER AND METHOD FOR THE PRODUCTION THEREOF
A0705	6633478	4/18/2001	10/14/2003	2/16/2022	SYSTEM FOR CONTROLLING AN ELECTROMAGNETIC DEVICE
A1023	6646247	3/22/2001	11/11/2003	2/16/2022	PHOTOSENSITIVE APPARATUS IN WHICH AN INITIAL CHARGE ON A PHOTODIODE IS SAMPLED AND THEN RETRANSFERRED TO THE PHOTODIODE
A0B10	6608643	1/16/2002	8/19/2003	2/17/2022	SYSTEMS AND METHODS FOR MEASURING OR REDUCING SPACING ERRORS IN MULTIPLE BEAM ROS SYSTEMS

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A1347	6660441	1/7/2002	12/9/2003	2/17/2022	SIMPLIFIED FLEXIBLE ELECTROSTATIC IMAGING MEMBER BELT
A1419	6598954	1/9/2002	7/29/2003	2/18/2022	APPARATUS AND PROCESS FOR BALLISTIC AEROSOL MARKING
A1712	6637666	2/19/2002	10/28/2003	2/19/2022	CODING SCHEME FOR ENCODED SHEET MATERIAL
A1342	6617261	12/18/2001	9/9/2003	2/21/2022	STRUCTURE AND METHOD FOR FABRICATING GAN SUBSTRATES FROM TRENCH PATTERNED GAN LAYERS ON SAPPHIRE SUBSTRATES
A1185	6659587	12/19/2001	12/9/2003	2/21/2022	WASTE FLUID COLLECTION CONTAINER
99427Q4	6686922	12/21/2000	2/3/2004	2/21/2022	ADAPTIVE THRESHOLDING USING LOOSE GRAY SCALE TEMPLATE MATCHING
A1063	6658179	11/8/2001	12/2/2003	2/23/2022	MONOLITHIC RECONFIGURABLE OPTICAL MULTIPLEXER SYSTEMS AND METHODS
A1222	6626427	2/25/2002	9/30/2003	2/25/2022	ADAPTIVE SHEET FEEDING ROLL
A1380	6638677	3/1/2002	10/28/2003	3/2/2022	TONER PROCESSES
A0970	6684499	1/7/2002	2/3/2004	3/2/2022	METHOD FOR FABRICATING A SPRING STRUCTURE
A0910	6705697	3/6/2002	3/16/2004	3/6/2022	SERIAL DATA INPUT FULL WIDTH ARRAY PRINT BAR METHOD AND APPARATUS
A0961	6658225	2/28/2002	12/2/2003	3/14/2022	NON-UNIFORM PRE-CHARGE ERASE ARRAY WITH RELATIVELY UNIFORM OUTPUT
A1073	6663234	3/15/2002	12/16/2003	3/15/2022	INK CARTRIDGE PROVIDING IMPROVED INK SUPPLY
A0A71	6608988	10/18/2001	8/19/2003	3/20/2022	CONSTANT INVERTER SPEED TIMING METHOD AND APPARATUS FOR DUPLEX SHEETS IN A TANDEM PRINTER
A2027	6654586	3/20/2002	11/25/2003	3/20/2022	AUTOMATIC RESTACKING TRAY SIDE GUIDE REPOSITIONING SYSTEM PROVIDING SHEET STACKING SCATTER REDUCTION
A1525	6615717	3/21/2002	9/9/2003	3/21/2022	SYMMETRICAL PARALLEL DUPLEX PAPER PATH DEVICE
A1296	6611665	1/18/2002	8/26/2003	3/22/2022	METHOD AND APPARATUS USING A BIASED TRANSFER ROLL AS A DYNAMIC ELECTROSTATIC VOLT METER FOR SYSTEM DIAGNOSTICS AND CLOSED LOOP PROCESS CONTROLS
A0821	6680740	5/7/2001	1/20/2004	3/22/2022	DYNAMIC SELECTION OF DATA FORMAT CONVERSION PATHS
A1155Q	6609820	12/20/2001	8/26/2003	3/25/2022	INTERNAL AGITATING MECHANISM FOR AGITATING MATERIALS WITHIN SEALED CONTAINERS
A1533	6617092	3/25/2002	9/9/2003	3/25/2022	TONER PROCESSES
A1533Q	6627373	3/25/2002	9/30/2003	3/25/2022	TONER PROCESSES
A0662	6673505	3/25/2002	1/6/2004	3/25/2022	TONER COAGULANT PROCESSES
99427Q	6687385	11/22/2000	2/3/2004	3/25/2022	METHOD FOR STEGANOGRAPHIC ENCODING
99685	6668146	3/26/2002	12/23/2003	3/26/2022	HYBRID SCAVENGELESS DEVELOPMENT USING DIRECT CURRENT VOLTAGE SHIFT TO REMOVE WIRE HISTORY
A2083	6668628	3/29/2002	12/30/2003	3/29/2022	SCANNING PROBE SYSTEM WITH SPRING PROBE

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A0837	6683632	12/8/2000	1/27/2004	4/1/2022	METHOD AND SYSTEM FOR PRESENTING SEMILINEAR HIERARCHY DISPLAYS
A1252	6618413	12/21/2001	9/9/2003	4/2/2022	GRADED SEMICONDUCTOR LAYERS FOR REDUCING THRESHOLD VOLTAGE FOR A NITRIDE-BASED LASER DIODE STRUCTURE
A0353	6614008	12/14/2001	9/2/2003	4/4/2022	UNIVERSAL VOLTAGE FUSER HEATER LAMP
A2095	6661989	4/9/2002	12/9/2003	4/9/2022	XEROGRAPHIC FUSING APPARATUS WITH INPUT SHEET GUIDE
A1526	6652635	4/10/2002	11/25/2003	4/10/2022	CYAN PHASE CHANGE INKS
96476D	6631517	11/2/2000	10/7/2003	4/11/2022	SOFTWARE CONSTRUCTS THAT FACILITATE PARTIAL EVALUATION OF SOURCE CODE
A2045	6593995	4/12/2002	7/15/2003	4/12/2022	DUAL MODE DOCUMENT SCANNER WITH VARIABLE PLATEN LEVEL TRANSITION
A0405	6640426	2/15/2001	11/4/2003	4/12/2022	INSERTION AND EXTRACTION TOOL
A1115	6713222	2/28/2002	3/30/2004	4/13/2022	CURING PROCESSES
A0A97	6665505	12/20/2001	12/16/2003	4/15/2022	DRY INK REPLENISHMENT BOTTLE WITH INTERNAL PLUG AGITATION DEVICE
A1062	6644502	12/20/2001	11/11/2003	4/17/2022	SHEET STACK HOLDING APPARATUS FOR A PRINTER OR COPIER
A0684	6710370	1/7/2002	3/23/2004	4/18/2022	IMAGE SENSOR WITH PERFORMANCE ENHANCING STRUCTURES
A2003	6664018	4/23/2002	12/16/2003	4/23/2022	IN-SITU METHOD OF FORMING ZINC STEARATE DISPERSION AND USE THEREOF IN TONERS
98312	6650847	12/21/2001	11/18/2003	4/24/2022	CONTAINER CONFIGURATION MATCHING SYSTEM AND METHOD
A2119	6644652	4/26/2002	11/11/2003	4/26/2022	MOTION CONTROL FOR SHEETS IN A DUPLEX LOOP OF A PRINTING APPARATUS
A1343	6681671	3/7/2002	1/27/2004	4/28/2022	METHOD AND SYSTEM FOR CUTTING PUZZLE CUT PETALS IN BELTS
A2031Q1	6672716	4/29/2002	1/6/2004	4/29/2022	MULTIPLE PORTION SOLID INK STICK
A1641	6656658	3/25/2002	12/2/2003	5/3/2022	MAGNETITE TONER PROCESSES
A1504	6682591	11/9/2001	1/27/2004	5/3/2022	AQUEOUS INK COMPOSITIONS CONTAINING BORATE ESTERS
A1398Q	6676439	11/9/2001	1/13/2004	5/10/2022	MULTI-DEVICE INTER-CONNECTION SECURING APPARATUS
A0A10	6628909	5/14/2002	9/30/2003	5/14/2022	APPARATUS AND METHOD FOR THE INSTALLATION AND ALIGNMENT OF AN ENDLESS BELT
A1730	6639425	12/26/2001	10/28/2003	5/17/2022	PROCESS AND TEMPERATURE COMPENSATION CIRCUIT FOR INTEGRATED RF SWITCHING
A1381	6713220	5/17/2002	3/30/2004	5/17/2022	PHOTOCONDUCTIVE MEMBERS
A1300	6661978	1/16/2002	12/9/2003	5/25/2022	METHOD AND APPARATUS FOR AUTOMATED JOB RECOVERY
A1689Q2	6696970	12/20/2001	2/24/2004	5/26/2022	RETRACTABLE PIN ARRAY IDENTIFICATION APPARATUS AND METHOD
A2033Q9	6679591	5/30/2002	1/20/2004	5/30/2022	LOAD AND FEED APPARATUS FOR SOLID INK
A2033	6705710	5/30/2002	3/16/2004	5/30/2022	LOAD AND FEED APPARATUS FOR SOLID INK
A2033Q4	6709094	5/30/2002	3/23/2004	5/30/2022	LOAD AND FEED APPARATUS FOR SOLID INK

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A0827	6714694	11/27/2000	3/30/2004	5/30/2022	A METHOD FOR SLIDING WINDOW IMAGE PROCESSING OF ASSOCIATIVE OPERATORS
A2129	6687479	5/31/2002	2/3/2004	5/31/2022	PAPER INPUT GUIDE FOR A TRANSFER ZONE IN A XEROGRAPHIC PRINTING APPARATUS
A0667	6700556	7/26/2001	3/2/2004	6/3/2022	DISPLAY SHEET WITH STACKED ELECTRODE STRUCTURE
A2098	6647222	6/7/2002	11/11/2003	6/7/2022	PRINT MEDIA SUPPLY IDENTIFICATION FOR A COPIER OR PRINTER
A2167	6665510	6/7/2002	12/16/2003	6/7/2022	APPARATUS AND METHOD FOR REDUCING GHOSTING DEFECTS IN A PRINTING MACHINE
A0914	6666535	1/16/2002	12/23/2003	6/8/2022	METHOD AND APPARATUS FOR PREVENTING SATELLITE INDUCED BANDING BY SELECTIVE PIXEL COMPENSATION
A1098	6645687	5/10/2002	11/11/2003	6/9/2022	IMAGING MEMBERS
99488	6650151	12/26/2001	11/18/2003	6/13/2022	PROCESS INSENSITIVE ELECTRONIC DRIVER CIRCUITRY FOR INTEGRATED RF SWITCHING DIODES
A1437Q	6664015	6/12/2002	12/16/2003	6/13/2022	SULFONATED POLYESTER-SILOXANE RESIN
A1538	6669187	6/13/2002	12/30/2003	6/13/2022	REAR JET AIR KNIFE
A1462	6650261	6/18/2002	11/18/2003	6/18/2022	SLIDING WINDOW COMPRESSION METHOD UTILIZING DEFINED MATCH LOCATIONS
A1022Q7	6648467	6/20/2002	11/18/2003	6/20/2022	PHASE CHANGE INK IMAGING COMPONENT WITH POLYMER BLEND LAYER
A2052	6612674	6/24/2002	9/2/2003	6/24/2022	SYSTEM FOR AVOIDING IMAGE EDGE DELETION IN A DIGITAL PRINTING APPARATUS
A0532	6668093	12/4/2000	12/23/2003	6/25/2022	METHOD FOR IMPROVING DICTIONARY-BASED COMPRESSION BY ORDERING RASTER DATA
A2033Q3	6648435	5/30/2002	11/18/2003	6/26/2022	LOAD AND FEED APPARATUS FOR SOLID INK
A1642	6656657	3/25/2002	12/2/2003	6/26/2022	TONER PROCESSES
A1114	6680153	5/21/2002	1/20/2004	6/26/2022	TONER COMPOSITIONS
A2238	6590082	6/27/2002	7/8/2003	6/27/2022	AZO PYRIDONE COLORANTS
A2236	6663703	6/27/2002	12/16/2003	6/27/2022	PHASE CHANGE INKS CONTAINING DIMERIC AZO PYRIDONE COLORANTS
A0156	6670598	9/6/2000	12/30/2003	6/27/2022	LOW POWER AUTOZERO OF PIXEL AMPLIFIER
A1250	6656651	5/22/2002	12/2/2003	6/30/2022	PHOTOCONDUCTIVE MEMBERS
A1339	6652910	2/8/2002	11/25/2003	7/1/2022	APPARATUS AND METHOD FOR CONTROLLING COATING SOLUTION LEVEL WITHIN SUBSTRATE
A1236	6644654	7/3/2002	11/11/2003	7/3/2022	SHEET ORDER GATE
A0067	6690821	12/28/2000	2/10/2004	7/8/2022	DETERMINING THE FONT OF TEXT IN AN IMAGE
A1425	6656650	7/2/2002	12/2/2003	7/9/2022	IMAGING MEMBERS

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A2281Q	6673139	6/27/2002	1/6/2004	7/9/2022	PHASE CHANGE INKS CONTAINING DIMERIC AZO PYRIDONE COLORANTS
A1104D	6661070	7/11/2002	12/9/2003	7/11/2022	MICROMECHANICAL AND MICROOPTOMECHANICAL STRUCTURES WITH SINGLE CRYSTAL SILICON EXPOSURE STEP (JOINT XEROX/MICROSCAN SYSTEMS INC)
A1213	6666399	4/17/2002	12/23/2003	7/16/2022	SYSTEM FOR TRANSFER AND INVERSION OF A CONTINUOUS WEB SUBSTRATE BETWEEN PRINTING AND OTHER DEVICES
A1725Q	6640845	7/17/2002	11/4/2003	7/17/2022	TONER FILLING APPARATUS AND METHOD INCLUDING AN ANTI-DIBBLING NOZZLE HAVING AIR DISCHARGE PORTS
A0B05	6663206	1/16/2002	12/16/2003	7/18/2022	SYSTEMS AND METHOD FOR MASKING STITCH ERRORS
A2112	6645686	7/23/2002	11/11/2003	7/23/2022	ELECTROPHOTOGRAPHIC IMAGING MEMBERS
A0801	6663802	7/30/2001	12/16/2003	7/23/2022	PROCESSES FOR MAKING BICHROMAL PARTICLES FOR GYRICON DISPLAYS
A1514	6668155	7/23/2002	12/23/2003	7/23/2022	LEAD EDGE PAPER CURL SENSOR
A2152	6677090	7/23/2002	11/13/2004	7/23/2022	IMAGING MEMBER
A1135	6671479	5/28/2002	12/30/2003	7/25/2022	SELECTIVE DEPOPULATION AND/OR REPOPULATION OF A FULL COLOR IMAGE FORMING DEVICE
98609	6671486	6/6/2002	12/30/2003	7/26/2022	COMMON POLARITY TONER DUPLEXING ELECTROSTATOGRAPHIC REPRODUCTION MACHINE
A1379	6669336	7/30/2002	12/30/2003	7/30/2022	INK JET PRINTHEAD HAVING AN INTEGRAL INTERNAL FILTER
A2020	6585368	8/1/2002	7/1/2003	8/1/2022	GEAR CLUTCH ASSEMBLY AND METHOD FOR OPERATING A TRANSFIX ROLLER AND A DRUM MAINTENANCE SYSTEM
A1331	6670054	7/25/2002	12/30/2003	8/1/2022	ELECTROLUMINESCENT DEVICES
A0824	6674899	12/18/2000	1/6/2004	8/1/2022	AUTOMATIC BACKGROUND DETECTION OF SCANNED DOCUMENTS
98696	6683994	11/28/2000	1/27/2004	8/1/2022	HVQ-BASED FILTERING METHOD
A1317	6669386	7/15/2002	12/30/2003	8/2/2022	ADJUSTED CAPACITY LEVEL INDICATOR
A1140	6669188	8/6/2002	12/30/2003	8/6/2022	MULTI-POSITIONAL, ROTATABLE/LARGE SUBSTRATE BACKSTOP GUIDE
A0576	6702195	7/15/2002	3/9/2004	8/11/2022	MULTI-LAYER SLOT COATING DIE WITH SELECTIVE ULTRASONIC ASSIST
A1630	6687653	8/13/2002	2/3/2004	8/13/2022	SYSTEMS AND METHODS FOR A DISTRIBUTED ALGORITHM FOR OPTIMIZATION-BASED DIAGNOSIS
A2141	6664017	8/20/2002	12/16/2003	8/20/2022	DOCUMENT SECURITY PROCESSES
A2277	6673500	8/20/2002	1/6/2004	8/20/2022	DOCUMENT SECURITY PROCESSES
A1536	6644774	8/22/2002	11/11/2003	8/22/2022	INK JET PRINTHEAD HAVING OUT-OF-INK DETECTION USING TEMPERATURE MONITORING SYSTEM
97518	6644791	8/23/2002	11/11/2003	8/23/2022	INK JET PRINTHEAD HAVING EFFICIENT HEAT DISSIPATION AND REMOVAL OF AIR

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A2239	6696552	6/27/2002	2/24/2004	8/25/2022	PROCESS FOR PREPARING SUBSTITUTED PYRIDONE COMPOUNDS
A0538	6707938	12/6/2000	3/16/2004	8/25/2022	PRINCIPAL AXIS LOOK-UP FOR COLOR CORRECTION
A1543	6684043	8/27/2002	1/27/2004	8/27/2022	LONG LIFE CHARGING APPARATUS
A2271	6604556	8/28/2002	8/12/2003	8/28/2022	CONTAINER WITH A CONICAL-SHAPED RAMP AND METHOD OF REMOVING PARTICLES FROM THE SAME
A1639	6634521	8/28/2002	10/21/2003	8/28/2022	SHEET REGISTRATION AND DESKEWING SYSTEM WITH INDEPENDENT DRIVES AND STEERING
A0129	6594460	9/10/2002	7/15/2003	9/10/2022	LOW FORCE LATERAL PHOTORECEPTOR OR INTERMEDIATE TRANSFER BELT TRACKING CORRECTION SYSTEM
A2163	6650866	9/20/2002	11/18/2003	9/20/2022	TRANSFER APPARATUS
A2284	6674269	9/23/2002	1/6/2004	9/23/2022	LIGHT EMITTING DIODE DRIVER AND IMAGE FORMING DEVICE INCLUDING THE SAME
A1242	6652051	9/27/2002	11/25/2003	9/27/2022	SHEET HOLE PUNCHING SYSTEM IN OUTPUT COMPILER OF REPRODUCTION APPARATUS
A1238	6595611	10/1/2002	7/22/2003	10/1/2022	INK EJECTION TRACKING FOR CONTROLLING PRINTHEAD NOZZLE MAINTENANCE
A2195	6674986	10/15/2002	1/6/2004	10/15/2022	INSULATED JOURNALS FOR A DONOR ROLL
A1050	6641053	10/16/2002	11/4/2003	10/16/2022	FOREGROUND/BACKGROUND DOCUMENT PROCESSING WITH DATAGLYPHS
A0394	6700594	10/17/2002	3/2/2004	10/17/2022	METHOD AND ARRANGEMENT FOR REGISTERING COLOR IMAGES
A0126	6640075	10/30/2002	10/28/2003	10/30/2022	ELECTROPHOTOGRAPHIC DEVELOPMENT SYSTEM WITH TONER PURGING
A2234	6713614	6/27/2002	3/30/2004	10/31/2022	DIMERIC AZO PYRIDONE COLORANTS
A2281	6646111	6/27/2002	11/11/2003	11/20/2022	DIMERIC AZO PYRIDONE COLORANTS
A1239	6666444	11/27/2002	12/23/2003	11/27/2022	SHEET SET COMPILING SYSTEM WITH DUAL MODE SET EJECTION AND FIRST SHEET FEEDING AND REVERSAL
A1733	6694109	11/5/2003	21/7/2004	11/5/2023	REAL-TIME CONTROL OF TONE REPRODUCTION CURVE BY REDEFINITION OF LOOKUP TABLES FROM FIT OF IN-LINE ENHANCED TONER AREA COVERAGE (ETAC) DATA
A1537	6697582	11/5/2003	2/24/2004	11/5/2023	DYNAMIC CONTROL PATCHES FOR BETTER TRC CONTROL
98152	6698862	11/6/2003	3/2/2004	11/6/2023	METHODS AND APPARATUS FOR THERMAL INK JET DROP VOLUME CONTROL USING VARIABLE PREPULSES
A1512Q	6681084	2/27/2003	1/20/2004	2/27/2023	METHOD FOR DETERMINATION OF HUMIDITY IN AN XEROGRAPHIC PRINTER
A2172	6713728	2/27/2003	3/30/2004	2/27/2023	DRUM HEATER
A1177	6695435	5/30/2003	2/24/2004	5/30/2023	SELECTIVE REPLACEMENT FOR ARTIFACT REDUCTION
A1565	6698861	6/16/2003	3/2/2004	6/16/2023	SPOT SIZE NOISE TO MINIMIZE STITCH ERROR PERCEPTION

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A3100	6711363	6/16/2003	3/23/2004	6/16/2023	METHOD OF DETERMINING A CHARGING DEVICE PRE-FAULT STATUS, A PRINTING MACHINE ARRANGED WITH THE SAME METHOD, A METHOD OF FORMING A CHARGING DEVICE SERVICE MESSAGE AND A METHOD OF TRIGGERING A CLEANING CYCLE