PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3200559

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

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------------------|----------------|
| JPMORGAN CHASE BANK, N.A. | 12/04/2006 |

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 35

| Property Type | Number |
|----------------|---------|
| Patent Number: | 6563829 |
| Patent Number: | 6513909 |
| Patent Number: | 6449718 |
| Patent Number: | 6493042 |
| Patent Number: | 6525831 |
| Patent Number: | 6522431 |
| Patent Number: | 6430202 |
| Patent Number: | 6517440 |
| Patent Number: | 7061493 |
| Patent Number: | 6452615 |
| Patent Number: | 6535639 |
| Patent Number: | 6473523 |
| Patent Number: | 6944304 |
| Patent Number: | 6421035 |
| Patent Number: | 6725010 |
| Patent Number: | 6595618 |
| Patent Number: | 6621940 |
| Patent Number: | 6476817 |
| Patent Number: | 6580820 |
| | |

PATENT REEL: 034828 FRAME: 0001

503153946

| Property Type | Number |
|----------------|---------|
| Patent Number: | 6621596 |
| Patent Number: | 6665085 |
| Patent Number: | 6953615 |
| Patent Number: | 6498918 |
| Patent Number: | 6459510 |
| Patent Number: | 6428883 |
| Patent Number: | 6717696 |
| Patent Number: | 6647140 |
| Patent Number: | 6618170 |
| Patent Number: | 6441805 |
| Patent Number: | 6486861 |
| Patent Number: | 6559956 |
| Patent Number: | 6446035 |
| Patent Number: | 6411399 |
| Patent Number: | 6751358 |
| Patent Number: | 6807306 |

CORRESPONDENCE DATA

Fax Number: (585)423-6059

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: (585)423-5764

Email: cathy.whitney@xerox.com

Correspondent Name: CATHY WHITNEY

Address Line 1: 100 CLINTON AVENUE SOUTH

Address Line 2: XRX2-20A

Address Line 4: ROCHESTER, NEW YORK 14644

| ATTORNEY DOCKET NUMBER: | LIEN RELEASE |
|-------------------------|-----------------|
| NAME OF SUBMITTER: | CATHY WHITNEY |
| SIGNATURE: | /Cathy Whitney/ |
| DATE SIGNED: | 01/28/2015 |

Total Attachments: 24

source=6563829 6513909 6449718 6493042 6525831 6522431 6430202 6517440 7061493#page1.tif source=6563829 6513909 6449718 6493042 6525831 6522431 6430202 6517440 7061493#page2.tif source=6563829 6513909 6449718 6493042 6525831 6522431 6430202 6517440 7061493#page3.tif source=6563829 6513909 6449718 6493042 6525831 6522431 6430202 6517440 7061493#page4.tif source=6563829 6513909 6449718 6493042 6525831 6522431 6430202 6517440 7061493#page5.tif source=6563829 6513909 6449718 6493042 6525831 6522431 6430202 6517440 7061493#page6.tif source=6563829 6513909 6449718 6493042 6525831 6522431 6430202 6517440 7061493#page7.tif source=6563829 6513909 6449718 6493042 6525831 6522431 6430202 6517440 7061493#page8.tif source=6563829 6513909 6449718 6493042 6525831 6522431 6430202 6517440 7061493#page8.tif source=6563829 6513909 6449718 6493042 6525831 6522431 6430202 6517440 7061493#page8.tif

source=6563829 6513909 6449718 6493042 6525831 6522431 6430202 6517440 7061493#page10.tif source=6563829 6513909 6449718 6493042 6525831 6522431 6430202 6517440 7061493#page12.tif source=6563829 6513909 6449718 6493042 6525831 6522431 6430202 6517440 7061493#page13.tif source=6563829 6513909 6449718 6493042 6525831 6522431 6430202 6517440 7061493#page13.tif source=6563829 6513909 6449718 6493042 6525831 6522431 6430202 6517440 7061493#page14.tif source=6563829 6513909 6449718 6493042 6525831 6522431 6430202 6517440 7061493#page15.tif source=6563829 6513909 6449718 6493042 6525831 6522431 6430202 6517440 7061493#page16.tif source=6563829 6513909 6449718 6493042 6525831 6522431 6430202 6517440 7061493#page17.tif source=6563829 6513909 6449718 6493042 6525831 6522431 6430202 6517440 7061493#page18.tif source=6563829 6513909 6449718 6493042 6525831 6522431 6430202 6517440 7061493#page19.tif source=6563829 6513909 6449718 6493042 6525831 6522431 6430202 6517440 7061493#page20.tif source=6563829 6513909 6449718 6493042 6525831 6522431 6430202 6517440 7061493#page20.tif source=6563829 6513909 6449718 6493042 6525831 6522431 6430202 6517440 7061493#page21.tif source=6563829 6513909 6449718 6493042 6525831 6522431 6430202 6517440 7061493#page22.tif source=6563829 6513909 6449718 6493042 6525831 6522431 6430202 6517440 7061493#page22.tif source=6563829 6513909 6449718 6493042 6525831 6522431 6430202 6517440 7061493#page22.tif source=6563829 6513909 6449718 6493042 6525831 6522431 6430202 6517440 7061493#page22.tif source=6563829 6513909 6449718 6493042 6525831 6522431 6430202 6517440 7061493#page22.tif source=6563829 6513909 6449718 6493042 6525831 6522431 6430202 6517440 7061493#page22.tif source=6563829 6513909 6449718 6493042 6525831 6522431 6430202 6517440 7061493#page22.tif source=6563829 6513909 6449718 6493042 6525831 6522431 6430202 6517440 7061493#page22.tif source=6563829 6513909 6449718 6493042 6525831 6522431 6430202 6517440 7061493#page24.tif

RELEASE OF LIEN IN PATENTS

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

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

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

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

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

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

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

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

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

PATENT 9:30 AM REEL: 034828 FRAME: 0004 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 <u>Schedule 1 hereto</u>;
 - (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 <u>Schedule 1</u> 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: Title:

PETER M. LING MANAGING DIRECTOR

SCHEDULE 1 TO RELEASE OF LIEN IN PATENTS

See Attached

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

| U | |
|----------|--|
| <u>ω</u> | |
| ďΩ | |
| æ | |
| ω | |
| 읔 | |
| ယ | |
| 7 | |
| 4 | |

| DOCKET NUMBER | FILE DATE | APPLICATION NUMBER |
|---------------|-----------|--------------------|
| R98021 | 3/12/99 | 896, |
| 98228 | 3/18/99 | 09 271867 |
| R98004 | 3/25/99 | 09 276532 |
| 9877911 | 3/26/99 | 09 276913 |
| PX98004 | 4/7/99 | 09 287521 |
| 964101 | 4/16/99 | 09 293165 |
| 99273 | 5/5/99 | 09 305845 |
| 96612 | 5/10/99 | 09 307445 |
| 99088 | 5/14/99 | 09 312356 |
| 99084 | 5/18/99 | 09 313735 |
| 99085 | 5/26/99 | |
| 98730 | 5/25/99 | 09 320364 |
| PX98021 | 5/28/99 | 09 322842 |
| 99082 | 6/28/99 | 09 329265 |
| 98481 | 6/10/99 | 09 329297 |
| 99300 | 6/21/99 | 09 337435 |
| 98726 | 6/21/99 | 09 337850 |
| 98456 | 6/28/99 | 09 340938 |
| 98736 | 6/29/99 | 09 342/13 |
| 99262 | 6/29/99 | 09 342949 |
| 97041 | 6/30/99 | 09 343502 |
| 99006 | 6/28/99 | 09 344863 |
| 98695 | 7/1/99 | 09 345740 |
| 99176 | 6/30/99 | 09 346559 |
| 98443 | 7/6/99 | 09 347461 |
| 98581 | 7/7/99 | 09 348378 |
| 98580 | 7/7/99 | 09 348398 |
| 98729 | 7/12/99 | 09 352575 |
| 98556 | 7/23/99 | 09 359599 |
| 99216 | 7/26/99 | 09 360900 |
| 99399 | 7/26/99 | 09 361496 |
| 96602Q2 | 7/27/99 | 09 362020 |
| 96602 | 7/27/99 | 09 362021 |
| 96602Q1 | 7/27/99 | 09 362022 |
| 99304 | 7/28/99 | 09 363308 |
| 99038 | 7/30/99 | 09 364630 |
| 99039 | 7/30/99 | 09 364959 |
| 98172 | 8/5/99 | 09 368354 |
| 99067Q1 | 8/10/99 | 09 370890 |

| Page |
|--------|
| 342 |
| of 374 |

| | METHOD AND APPARATUS FOR SEPARATING DOCUMENT IMAGE OBJECT TYPES | 11/25/18 | 6/25/02 | 11/25/98 | 6411/33 | 98121 |
|-----------------------------------------|------------------------------------------------------------------|-----------------------------------------|-----------------------------------------|----------|-----------------------------------------|---------|
| | INTERFACE COMMANDS | | | | | 0 |
| | METHOD FOR INTERPRETING HAND DRAWN DIAGRAMMATIC LISER | 9/9/14 | 6/25/02 | 7/21/97 | 6411732 | 942670 |
| | STRUCTURE FOR AN OPTICAL SWITCH ON A GLASS SUBSTRATE | 9/28/20 | 6/25/02 | 9/28/00 | 6411427 | A0554 |
| | RESOLUTION CAPABILITY | | | | | |
| *************************************** | PROGRAMMABLE GRAY SCALE HALFTONER WITH OBJECT ORIENTED | 12/31/18 | 6/25/02 | 12/31/98 | 6411401 | 98109 |
| ,,,,,, | JET PRINTER | | | | | |
| ,,,,, | SYSTEM FOR RESOLUTION ENHANCEMENT, SUCH AS IN A MULTI-PASS INK- | 6/21/19 | 6/25/02 | 6/21/99 | 6411399 | 99299 |
| ,,,,,, | FRAMES | | *************************************** | | *************************************** | |
| | SYSTEMS AND METHODS FOR INTRA-AND INTER-FIELD ALIGNING OF VIDEO | 9/30/18 | 6/25/02 | 9/30/98 | 6411336 | 98225 |
| | WATER-BASED COMPOSITION FOR COATING A DONOR MEMBER | 11/28/20 | 6/25/02 | 11/28/00 | 6410637 | 99779 |
| | PHOTORECEPTOR CHARGE TRANSPORT LAYER WITH A POLYCARBONATE BINDER | 9/28/21 | 6/25/02 | 9/28/01 | 6410196 | A1327 |
| | | | | | | |
| | METHOD AND DEVICE TO PREVENT FOREIGN METALLIC OBJECT DAMAGE | 1/30/21 | 6/25/02 | 1/30/01 | 6409329 | A0956 |
| | THERMAL INK JET PRINTHEAD WITH CROSSLINKED PLYMER LAYER | 3/28/20 | 6/25/02 | 3/28/00 | 6409316 | 99813 |
| | BI-DIRECTIONAL FLUID EJECTION SYSTEMS AND METHODS | 11/24/20 | 6/25/02 | 11/24/00 | 6409311 | A0172 |
| | LEVEL OF INK THEREIN | | | | | |
| | SENSING SYSTEM FOR DETECTING PRESENCE OF AN INK CONTAINER AND | 12/14/15 | 6/25/02 | 2/26/01 | 6409302 | 95395D1 |
| | AND BELT COMPONENTS | 1 | | | | |
| | FLOW COATING PROCESS FOR MANUFACTURE OF POLYMERIC PRINTER | 6/26/16 | 6/25/02 | 6/26/96 | 6408753 | 96036 |
| | AUGMENTED-REALITY DISPLAY METHOD AND SYSTEM | 8/31/19 | 6/18/02 | 8/31/99 | 6408257 | 99092 |
| | PARTICULATE DELIVERY SYSTEM | | | | | |
| | METHOD AND APPARATUS FOR ULTRASONIC SCREEN CLEANING IN A | 11/30/20 | 6/18/02 | 11/30/00 | 6408153 | A0436 |
| | MICROMACHINED X-RAY IMAGE CONTRAST GRIDS | 11/24/19 | 6/18/02 | 11/24/99 | 6408054 | 99579 |
| | MIRRORS | | | | | |
| | MULTIPLE BEAM SPACER WITH A BEAM SPLITTER CUBE AND TWO ROOF | 11/28/20 | 6/18/02 | 11/28/00 | 6407867 | A0694Q |
| | PHOTORECEPTOR AND METHOD INVOLVING RESIDUAL VOLTAGES | 10/20/19 | 6/18/02 | 12/13/00 | 6406823 | 98349D |
| | COLOR-BLIND MELT FLOW INDEX PROPERTIES FOR TONERS | 9/29/20 | 6/18/02 | 9/29/00 | 6406822 | A0810 |
| | COMPOSITE MEMBER | 7/12/19 | 6/18/02 | 7/12/99 | 6406784 | 96756 |
| | METHODS OF ENCAPSULATING CORES USING INK JETS OR FOGS | 2/26/21 | 6/18/02 | 11/28/00 | 6406747 | A0668 |
| | - | 111111111111111111111111111111111111111 | 0,00 | 11/20/00 | 0100/1 | - C |
| | METHOD OF MAKING A BOLVIMIDE LAVER CONTAINING ELLORINATED | 11/20/00 | 6/19/00 | 11/20/00 | 11723013 | 00434 |
| | FLUID EJECTION SYSTEMS AND METHODS WITH SECONDARY DIELECTRIC | 2/20/21 | 20/81/9 | 1.0/07/2 | 6406130 | AU95U |
| | | מוֹסוֹסוֹ | מאמוס | COCO | NOWIDEN | NOMIDEN |
| | TITLE | EXPIRATION | ISSUE | FILE | PATENT | DOCKET |
| | | | | | | |

| METHODS OF PRINTING PHASE CHANGE INK COMPOSITION | 8/23/20 | 7/23/02 | 1/2/02 | 6422695 | A0379D |
|----------------------------------------------------------------------|------------|---------|----------|---------|----------|
| ≤ | 6/16/20 | 7/23/02 | 6/16/00 | 6422681 | A0483 |
| THERMAL INK JET PRINTHEAD EXTENDED DROPLET VOLUME CONTROL | 12/28/19 | 7/23/02 | 5/15/00 | 6422677 | 99042 |
| ELECTROPHOTOGRAPHIC APPARATUS STOP DEVICE | 3/30/20 | 7/23/02 | 3/30/00 | 6422556 | 99258 |
| TRACKING DEVICE | 11/28/20 | 7/23/02 | 11/28/00 | 6422509 | 99641 |
| N-SPACE INDEXING OF DIGITAL DATA REPRESENTATIONS USING PHYSICAL TAGS | 9/24/19 | 7/23/02 | 9/24/99 | 6422474 | 99341 |
| | | | | | |
| GENERATING | 3/16/19 | 7/16/02 | 3/16/99 | 6421716 | R98016 |
| APPLICATION) | | | | | |
| INDEPENDENT SYSTEM AND USER STATES (COMBINED FOREIGN | 12/23/16 | //16/02 | 8/27/99 | 6421700 | R95007K |
| | 1/11/21 | 7/16/02 | 11/28/00 | 6421518 | 99444 |
| PHOTORECEPTOR BELT SLIPPAGE IN A PRINTING MACHINE | | | | | |
| TORQUE ASSIST METHOD AND APPARATUS FOR REDUCING | 11/29/20 | 7/16/02 | 11/29/00 | 6421513 | 98385 |
| DIFFERENT KINDS OF BALLS | | | | 1 | ţ |
| FABRICATION OF A TWISTING BALL DISPLAY HAVING TWO OR MORE | 172/15/15 | 7/16/02 | 6/17/99 | 6421035 | 95116O3D |
| TONER COMPOSITIONS WITH SURFACE ADDITIVES | 12/28/20 | 7/16/02 | 12/28/00 | 6420078 | 99781 |
| PROCESS FOR THE PREPARATION OF WAX ENCAPSULATED BICHROMAL SPHERES | 3/5/18 | 7/16/02 | 3/21/01 | 6419982 | 97446D |
| TAMPER-EVIDENT ELECTRIC PAPER | 1/29/19 | 7/16/02 | 10/31/00 | 6419618 | 96004D |
| ELECTRONIC DRIVE SYSTEMS AND METHODS | 12/1/20 | 7/16/02 | 11/24/00 | 6419335 | A0169 |
| SHEET INVERTING APPARATUS AND METHOD | 12/12/20 | 7/16/02 | 12/12/00 | 6419222 | A0795 |
| | 9/22/19 | 7/16/02 | 9/22/99 | 6419162 | 99349 |
| | 11/29/20 | 7/9/02 | 11/29/00 | 6418289 | A0959 |
| CONICITY REDUCING ASSEMBLY | 07/9/1.1 | //9/02 | 11/6/00 | 6418286 | 98384 |
| LATITUDE | | | | | |
| BOB CLEANERS TO CONTROL AND MAINTAIN PR MODULE MOTION QUALITY | 10/27/20 | 7/9/02 | 10/27/00 | 6418285 | A0027 |
| COMMUNICATING CARTRIDGE | 10/6/20 | 7/9/02 | 10/2/00 | 6418283 | 99831 |
| INTEGRAL PLENUM PANEL | 5/1/20 | 7/9/02 | 11/20/00 | 6418282 | A0099 |
| ADJUSTABLE VOLTAGE FINGER DRIVER | 11/29/20 | 7/9/02 | 11/29/00 | 6417875 | A0731 |
| TONER COAGULANT PROCESSES | 3/19/21 | 7/9/02 | 3/19/01 | 6416920 | A0687 |
| TONER AND DEVELOPER FOR MAGNETIC BRUSH DEVELOPMENT SYSTEM | 9/25/20 | 7/9/02 | 9/25/00 | 6416916 | A0811 |
| COATED PHOTOGRAPHIC PAPERS | 3/12/18 | 7/9/02 | 11/7/01 | 6416874 | 97658DC |
| ACOUSTIC INK PRINTING AND METHODS OF FABRICATION | 12/22/18 | 7/9/02 | 12/22/98 | 6416678 | 98047 |
| | DATE | DATE | DATE | NUMBER | NUMBER |
| TITLE | EXPIRATION | ISSUE | FILE | PATENT | DOCKET |

Page 344 of 374

6/25/03

PATENT REEL: 034828 FRAME: 0011

| ס |
|----------|
| ω |
| Q |
| æ |
| 34 |
| 4- |
| S |
| 0 |
| |
| ω |
| 7 |
| 4 |

| DOCKET | PATENT | FILE | ISSUE | EXPIRATION | TITLE |
|---------|-------------------|----------|---------|------------|--------------------------------------------------------------------------------------------------------------------|
| 99415 | NOWBER 6422984 | 2/15/00 | 7/23/02 | 2/15/20 | MAGNETIC ROLL FOR USE IN XEROGRAPHIC PRINTING |
| 98060D | 6423370 | 6/1/00 | 7/23/02 | 8/17/18 | ENCIES |
| A0455 | 6423460 | 6/20/01 | 7/23/02 | 6/20/21 | CONDUCTIVE COATED CARRIERS |
| A0454 | 6423461 | 6/20/01 | 7/23/02 | 6/20/21 | |
| 98285D | 6424364 | 6/28/01 | 7/23/02 | 3/31/19 | COLOR PRINTING APPARATUS AND PROCESSES THEREOF |
| 98234 | 6424751 | 9/23/98 | 7/23/02 | 9/23/18 | APPARATUS AND METHOD FOR EFFICIENT IMPLEMENTATION OF 2-DIMENSIONAL PIXEL WINDOW AVERAGING |
| 99847 | 6424810 | 11/30/00 | 7/23/02 | 11/30/20 | SYSTEM FOR REDUCTION OF CONTAMINANT COLLECTION SYSTEM AIRFLOW REQUIREMENTS |
| 99107 | 6424950 | 5/10/99 | 7/23/02 | 5/10/19 | REMOTE REATURE DELIVERY FOR OUTPUT DEVICES |
| A0946 | 6425653 | 12/7/00 | 7/30/02 | 12/7/20 | SINGLE PASS PRINTING OF TEXT AMONG INTERLEAVED PRINTING OF NON- |
| 99676 | 6426170 | 5/7/01 | 7/30/02 | 5/7/21 | TONER AND DEVELOPER COMPOSITIONS WITH CHARGE ENHANCING ADDITIVES |
| 96738 | 6426630 | 11/29/00 | 7/30/02 | 1/5/21 | ELECTROSTATIC VOLTMETER WITH CURRENT SOURCE LOAD |
| 98363 | 6426768 | 1/25/01 | 7/30/02 | 1/25/21 | UNIVERSAL PRINTHEAD |
| 93481 | 6426802 | 1/19/99 | 7/30/02 | 1/19/19 | COMPLEMENTARY HALFTONE SCREENS FOR HIGHLIGHT PRINTING |
| 94474 | 6427030 | 8/3/94 | 7/30/02 | 7/30/19 | METHOD AND SYSTEM FOR IMAGE CONVERSION UTILIZING DYNAMIC ERROR DIFFUSION |
| A0637QD | 6427892 | 12/21/01 | 8/6/02 | 12/21/20 | SPECIALIZED TOOL ADPATED FOR A PROCESS FOR MANUFACTURE AND INTERCONNECTION BETWEEN ADJOINING PRINTED WIRING BOARDS |
| 98322 | 6427920 | 9/24/99 | 8/6/02 | 9/24/19 | HIGH FREQUENCY MASKING OF EMBEDDED DIGITAL DATA TO IMPROVE APPEARANCE |
| A0118 | 6427922 | 11/29/00 | 8/6/02 | 11/29/20 | PRINTABLE MICROWAVE IMAGES FOR DATA ENCODING |
| 96766 | 6428158 | 11/5/97 | 8/6/02 | 11/5/17 | LIQUID INK PRINTER HAVING A HEAT AND HOLD DRIER |
| 98454 | 6428159 | 7/19/99 | 8/6/02 | 7/19/19 | APPARATUS FOR ACHIEVING HIGH QUALITY AQUEOUS INK-JET PRINTING ON PLAIN PAPER AT HIGH PRINT SPEEDS |
| 98454D | 6428160 | 11/29/00 | 8/6/02 | 7/19/19 | A METHOD FOR ACHIEVING HIGH QUALITY AQUEOUS INK-JET PRINTING ON PLAIN PAPER AT HIGH PRINT SPEEDS |
| A0437 | 6428646 | 6/28/00 | 8/6/02 | 9/11/20 | METHOD AND APPARATUS FOR APPLICATION OF ADHESIVE TAPE TO AN ELONGATED MEMBER |
| A1026 | 6428857 | 2/20/01 | 8/6/02 | 2/20/21 | METHOD FOR PURGING STAGNANT COATING SOLUTION |
| 921051 | 6428868 | 10/30/97 | 8/6/02 | 6/27/16 | TWISTING CYLINDER DISPLAY |
| 99059 | 6428883 | 5/13/99 | 8/6/02 | 5/13/19 | RESINOID DICING BLADE INCLUDING A DRY LUBRICANT |
| A0008 | 6428941 | 11/28/00 | 8/6/02 | 11/28/20 | TONER COMPOSITIONS CONTAINING A STYRENE ACRYLATE COPOLYMER |
| A0969 | 6429417 | 11/8/00 | 8/6/02 | 2/20/21 | A HIGHLY TRANSMISSIVE SENSOR FOR DETECTING THE POSITION OF AN OPTICAL SIGNAL |
| 94241ID | 6429948 | 8/4/00 | 8/6/02 | 5/18/14 | OBJECT OPTIMIZED PRINTING SYSTEM AND METHOD |

| SPARSELY POPULATED PRINTHEAD | | | | | |
|--------------------------------------------------------------------------------------------------------------------|------------|---------|----------|----------|---------|
| METHODS AND APPARATUS FOR FULL WIDTH PRINTING USING A | 12/11/20 | 8/20/02 | 12/11/00 | 6435652 | A0909 |
| RETRIEVAL SYSTEM | | | | | |
| SEARCH CHANNELS BETWEEN QUERIES FOR USE IN AN INFORMATION | 12/22/18 | 8/13/02 | 12/22/98 | 6434546 | |
| TRANSFIX COMPONENT HAVING FLUOROSILICONE OUTER LAYER | 12/1/20 | 8/13/02 | 11/29/00 | 6434355 | A0592Q1 |
| THICKNESS CONTROL APPARATUS | 127 - 1720 | 0110101 | 12/11/00 | 070702 | |
| LIOLID INK DEVELOPMENT (LID) MACHINE HAVING A ELLID EL M | 10/11/20 | 8/13/02 | 12/11/00 | 6/3/3/50 | |
| SYSTEMS AND METHODS FOR MANAGING PRINT JOBS | 11/24/19 | 8/13/02 | 11/24/99 | 6433887 | |
| COLOR PRINTING SYSTEM | 7/7/15 | 8/13/02 | 11/30/99 | 6433805 | 926971 |
| INK JET PRINTING WITH INKS CONTAINING COMB POLYMER DISPERSANTS | 5/20/16 | 8/13/02 | 5/20/96 | 6433039 | 94461 |
| PROCESS AND APPARATUS FOR OBTAINING INK DISPERSIONS BY SUBJECTING THE LIQUID INKS TO AN ULTRASONIC OR SONIC SIGNAL | 11/8/20 | 8/13/02 | 10/30/00 | 6432604 | A0026 |
| TONERS WITH SULFONATED POLYESTER-AMINE RESINS | 4/19/21 | 8/13/02 | 4/19/01 | 6432601 | |
| INK COMPOSITIONS | 10/17/20 | 8/13/02 | 8/24/00 | 6432184 | 99662 |
| APPARATUS AND METHOD FOR IMPROVED LIFE SENSING IN A REPLACEABLE INTERMEDIATE TRANSFER SURFACE APPLICATION ASSEMBLY | 8/25/18 | 8/13/02 | 8/25/98 | 6431703 | A0314I |
| STRUCTURES | | | | | |
| STRUCTURES INCLUDING MICROVALVES AND METHODS OF FORMING | 11/28/20 | 8/13/02 | 11/28/00 | 6431689 | 96563 |
| SENSOR ALIGNMENT FOR A DOCUMENT PROCESSING APPARATUS | 11/29/19 | 8/13/02 | 4/6/01 | 6430986 | 99559D1 |
| MOBILE DOCUMENT PAGING SERVICE | 3/16/19 | 8/6/02 | 3/16/99 | 6430601 | R98019 |
| COLLABORATIVE DOCUMENT MANAGEMENT SYSTEM WITH CUSTOMIZABLE FILING STRUCTURES THAT ARE MUTUALLY INTELLIGIBLE | 9/10/19 | 8/6/02 | 9/10/99 | 6430575 | 99502 |
| IDENTIFYING A GROUP OF WORDS USING MODIFIED QUERY WORDS OBTAINED FROM SUCCESSIVE SUFFIX RELATIONSHIPS | 12/16/18 | 8/6/02 | 12/16/98 | 6430557 | R98022Q |
| TOOLING ADAPTER FOR ALLOWING SELECTED MANIPULATION OF A WORKPIECE | 4/3/21 | 8/6/02 | 4/3/01 | 6430474 | 99152Q |
| ELECTROSTATOGRAPHIC REPRODUCTION MACHINE HAVING A MOTION- DEFECT-FREE CLEANING METHOD AND ASSEMBLY | 12/20/20 | 8/6/02 | 12/20/00 | 6430387 | 99046 |
| STRUCTURE AND METHOD FOR ASYMMETRIC WAVEGUIDE NITRIDE LASER | 4/9/19 | 8/6/02 | 4/9/99 | 6430202 | |
| <u> </u> | 3/27/20 | 8/6/02 | 3/27/00 | 6429957 | 96753 |
| METHOD AND APARATUS FOR APPLYING OBJECT CHARACTERIZATION PIXEL TAGS TO IMAGE DATA IN A DIGITAL IMAGING DEVICE | 12/31/18 | 8/6/02 | 12/31/98 | 6429950 | 98105 |
| | DATE | DATE | DATE | NUMBER | NUMBER |
| TITLE | EXPIRATION | ISSUE | FILE | PATENT | DOCKET |

Page 346 of 374

| U |
|----------|
| ໝ |
| g |
| æ |
| ω |
| 4 |
| 7 |
| 0 |
| → |
| ω |
| 7 |

| A0666 6 | 99301Q 6 | 98754 6 | 99230 6 | 99112Q E | 98274Q2 6 | 98150D (6 | A0809 6 | A0804 6 | 99137 | 99734C 6 | A0979 (6 | 98323 | | | 986151 | 98238 (| | 861.99 | | 96594 | 99780Q 6 | 99613Q3 6 | A0371ID 6 | | DOCKET NUMBER |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------------|----------------------------------------------------|--------------------------------------------------------------------|--------------------------|--------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|-------------------|---------------------------------------|---------------------------------------|--------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|---------------------------------------------|----------------------------------------------|------------------------------------------------|---------|----------------------------------------------|---------|------------------------------------------------------------|----------|---------------------------------------|----------------------------------|--------------------------------------------|------------------|
| 6441946 | 6441923 | 6441869 | 6441817 | 6441805 | 6441774 | 6440643 | 6440629 | 6440515 | 6440252 | 6439898 | 6439711 | 6439465 | 6439081 | 6438338 | 6438332 | 6438329 | 6438328 | 64382/3 | 6438270 | 6437872 | 6437374 | 6437282 | 6437155 | 6436793 | PATENT NUMBER |
| 11/28/00 | 6/28/99 | 8/27/99 | 111/29/99 | 6/24/99 | 11/29/99 | 8/2/01 | 2/6/01 | 9/29/00 | 12/17/99 | 2/28/01 | 11/28/00 | 9/24/99 | 11/28/00 | 10/19/00 | 11/29/00 | 4/15/98 | 11/8/00 | 12/23/98 | 3/3/99 | 9/22/98 | 5/7/01 | 9/29/00 | 8/24/01 | 12/28/00 | FILE DATE |
| 8/27/02 | 8/27/02 | 8/27/02 | 8127/02 | 8/27/02 | 8/27/02 | 8/27/02 | 8/27/02 | 8/27/02 | 8/27/02 | 8/27/02 | 8/27/02 | 8/2//02 | 8/27/02 | 8/20/02 | 8/20/02 | 8/20/02 | 8/20/02 | 8/20/02 | 8/20/02 | 8/20/02 | 8/20/02 | 8/20/02 | 8/20/02 | 8/20/02 | ISSUE DATE |
| 11/28/20 | 6/28/19 | 8/27/19 | 111/29/19 | 6/24/19 | 11/29/19 | 7/14/19 | 2/6/21 | 12/28/20 | 12/17/19 | 12/15/19 | 11/28/20 | 9/24/19 | 1/5/21 | 10/19/20 | 3/28/20 | 4/15/16 | 11/8/20 | 12/23/18 | 3/3/19 | 9/22/18 | 5/7/21 | 11/6/20 | 1/22/19 | 12/28/20 | EXPIRATION DATE |
| SWOLLEN GYRICON DISPLAYS AND METHOD OF MAKING SAME | DYNAMIC CREATION OF COLOR TEST PATTERNS BASED ON VARIABLE PRINT SETTINGS FOR IMPROVED COLOR CALIBRATION | SYSTEMS AND METHODS FOR COLOR SPECIFIC HUE CONTROL | DEPTH CALIBRATION IN GRAPHICS DISPLAYS OF THREE-DIMENSIONAL SCENES | ERGONOMIC COMPUTER MOUSE | HELIOGRAPHIC INK JET APPARATUS AND IMAGING PROCESSES THEREOF | PATTERNED PHOTORESIST STRUCTURES HAVING FEATURES WITH HIGH ASPECT RATIOS AND METHOD OF FORMING SUCH STRUCTURES | IMAGING APPARATUS | PUZZLE-CUT ON PUZZLE-CUT SEAMED BELTS | METHOD FOR ROTATABLE ELEMENT ASSEMBLY | METHOD AND APPARATUS FOR INTERCONNECTING DEVICES USING AN ADHESIVE | BALLISTIC AEROSOL MARKING PROCESS EMPLOYING MARKING MATERIAL COMPRISING POLYESTER RESIN AND POLY(3,4-ETHYLENEDIOXYTHIOPHENE) | LOCATIONS WITHIN AN IMAGE | HARMONIC FRICTION DRIVE | EXTENDED LIFE RECYCLEABLE SILENCER ASSEMBLY | METHOD AND APPARATUS FOR TONER CAKE DELIVERY | UNIT (CRU) SETUP AND CLEANER BLADE LUBRICATION | | LOOK-UP TABLES TO ENHANCE IMAGE REPRODUCTION | | MULTIBIT SCREENING OF PRINT DOCUMENTS IN A PDL ENVIRONMENT | AND | LASER MICRO-MACHINING OF SEAMED BELTS | ANTHRAQUINONE COLORANTS FOR INKS | METHODS OF FORMING SEMICONDUCTOR STRUCTURE | TITLE |

| T |
|----------|
| Ø |
| g |
| Ф |
| ယ |
| 4 |
| 8 |
| 0 |
| ≍ |
| ယ |
| ~ |
| 4 |

| DOCKET | PATENT | FILE | ISSUE | EXPIRATION | TITLE |
|----------|---------|----------|----------|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 98269 | 64 | 1/5/99 | 8/27/02 | 1/5/19 | THREE-PIXEL LINE SCREEN WITH HIGH ADDRESSABILITY AND ERROR |
| ; ; | | | | | DIFFUSION DIFFUSION |
| 98223 | 6442302 | 9/1//98 | 8/2//02 | 9/1//8 | THERMALLY CONDITIONS ELIGER BELT |
| 90103 | 6442365 | 4/0/90 | 20/1/2/0 | 4/0/10 | THE TOWN THE PROPERTY OF THE P |
| A0588 | 6442366 | 1/25/01 | 8/27/02 | 1/25/21 | MAKING SAME |
| A0593 | 6442369 | 11/27/00 | 8/27/02 | 11/27/20 | AIR BEARING MECHANISM FOR FLATTENING PAPER IN A PRINTING MACHINE |
| 99275Q1I | 6442750 | 10/22/99 | 8/27/02 | 7/20/19 | DESIGN BY CONTRACT WITH ASPECT-ORIENTED PROGRAMMING |
| 99559D | 6442993 | 4/6/01 | 9/3/02 | 4/6/21 | SENSOR ALIGNMENT FOR A DOCUMENT PROCESSING APPARATUS |
| A0716 | 6443450 | 11/30/00 | 9/3/02 | 11/30/20 | SHEET STACKING APPARATUS AND METHOD |
| A03401 | 6444018 | 2/12/99 | 9/3/02 | 2/25/19 | PHASE CHANGE INK CARRIER COMPOSITIONS CONTAINING ANHYDRIDE/AMINO ALCOHOL-BASED ADDUCTS |
| 99405D | 6444031 | 7/27/00 | 9/3/02 | 12/12/19 | APPARATUS FOR COATING PHOTORECEPTOR DEVICES |
| 95376D | 6444275 | 10/31/00 | 9/3/02 | 7/1/16 | METHOD FOR REMOTE PLASMA DEPOSITION OF FLUOROPOLYMER FILMS |
| 99769 | 6444294 | 7/27/00 | 9/3/02 | 9/6/20 | RECORDING SUBSTRATES FOR INK JET PRINTING |
| 955051 | 6444308 | 12/20/99 | 9/3/02 | 6/30/17 | MICROWAVE BOOKBINDER TAPE |
| 99765 | 6444386 | 4/13/01 | 9/3/02 | 4/26/21 | PHOTOCONDUCTIVE IMAGING MEMBERS |
| A0160 | 6444960 | 1/11/02 | 9/3/02 | 1/11/22 | IMPROVED HEATING ELEMENT FOR CHARGING DEVICES |
| 98382 | 6445413 | 8/24/98 | 9/3/02 | 8/24/18 | SYSTEM FOR DETERMINING A VIDEO OFFSET FROM DARK PHOTOSENSORS IN AN IMAGE SENSOR ARRAY |
| 95148 | 6445463 | 1/19/99 | 9/3/02 | 1/19/19 | IMAGE PROCESSING METHOD TO REDUCE MARKING MATERIAL COVERAGE IN PRINTING PROCESSES |
| 99615 | 6445490 | 11/28/00 | 9/3/02 | 11/28/20 | ENCAPSULATED CYRICON SPHERES |
| A0A02 | 6445889 | 4/26/01 | 9/3/02 | 4/26/21 | DYNAMIC DUTY CYCLE FOR INCREASED LATITUDE |
| A0951 | 6445901 | 1/23/01 | 9/3/02 | 1/23/21 | FUSER RELEASE AGENT MANAGEMENT SYSTEM WITH DRIVEN SUPPLY REEL |
| 99272 | 6446035 | 5/5/99 | 9/3/02 | 5/5/19 | NG GROUPS OF PEOF |
| 98569 | 6446208 | 9/10/98 | 9/3/02 | 9/10/18 | USER INTERFACE SYSTEM BASED ON SEQUENTIALLY READ ELECTRONIC TAGS |
| 99071 | 6447086 | 11/24/99 | 9/10/02 | 11/24/19 | METHOD AND APPARATUS FOR ACHIEVING CONTROLLED RE SWITCHING RATIOS TO MAINTAIN THERMAL UNIFORMITY IN THE ACOUSTIC FOCAL SPOT OF AN ACOUSTIC INK PRINTHEAD |
| A0929 | 6447094 | 11/24/00 | 9/10/02 | 12/12/20 | FIRMWARE SENSORING SYSTEMS AND METHODS FOR A MAINTENANCE MECHANISM OF AN INK JET PRINTER |
| A0713 | 6447097 | 4/5/01 | 9/10/02 | 4/5/21 | ROW SCRAMBLING IN EJECTOR ARRAYS |
| A1156 | 6447109 | 7/13/01 | 9/10/02 | 7/13/21 | LIQUID INK CARTRIDGE AND IMPROVED FILLING METHOD |

| 70 |
|----------|
| a |
| g |
| ወ |
| 3 |
| 4 |
| 9 |
| 0 |
| →, |
| ယ |
| 7 |
| 4 |

| 9/10/02 9/10/02 9/17/02 9/17/02 9/17/02 9/17/02 9/17/02 9/17/02 9/17/02 9/17/02 9/17/02 9/17/02 | 4/9/99 12/7/00 2/12/01 12/5/00 1/29/01 5/7/01 1/21/97 12/28/00 5/7/01 1/29/01 1/29/01 3/24/99 9/17/99 | 6449718 6450493 6450609 6450711 6450772 6451221 6451221 6451495 6452399 6452615 | 98146 A0512 A0960 A0960 A0717 98187D 98351 99829 A0814 A0738 PX98012 PX98012 |
|----------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | 12/7/00 2/12/01 12/5/00 1/29/01 5/7/01 1/21/97 1/21/97 1/29/01 1/29/01 | 6449718 6450493 6450609 6450711 6450712 6451220 6451221 6451495 6452399 | 98146 A0512 A0960 A0960 A0717 98187D 99829 A0814 A0738 PX98012 |
| | 12/7/00 2/12/01 12/5/00 1/29/01 5/7/01 1/21/97 1/21/97 1/29/01 | 6449718 6450493 6450609 6450711 6450712 6451220 6451221 6451495 6452399 | 98146 A0512 A0960 A0A22 A0717 98187D 95351 99829 A0814 A0738 |
| | 4/9/99 12/7/00 2/12/01 12/5/00 1/29/01 5/7/01 1/21/97 12/28/00 5/7/01 | 6449718 6450493 6450609 6450711 6450712 6451220 6451221 6451495 | 98146 A0512 A0960 A0A22 A0717 98187D 95351 99829 A0814 |
| | 12/7/00 2/12/01 12/5/00 1/29/01 5/7/01 1/21/97 | 6449718 6450493 6450609 6450711 6450712 6450865 6451220 | 98146 A0512 A0960 A0922 A0717 98187D 95351 99829 |
| | 12/7/00 2/12/01 12/5/00 1/29/01 5/7/01 1/21/97 | 6449718 6450493 6450609 6450711 6450712 6450865 6451220 | 98146 A0512 A0960 A0922 A0717 98187D 95351 |
| | 12/7/00 2/12/01 12/5/00 1/29/01 5/7/01 | 6449718 6450493 6450609 6450711 6450712 | 98146 A0512 A0960 A0A22 A0717 98187D |
| | 12/7/00 2/12/01 12/5/00 1/29/01 | 6449718 6450493 6450609 6450711 6450712 | 98146 A0512 A0960 A0A22 A0717 |
| | 4/9/99 12/7/00 2/12/01 12/5/00 | 6449718 6450493 6450609 6450711 | 98146 A0512 A0960 A0A22 |
| | 4/9/99 12/7/00 2/12/01 | 6449718 6450493 6450609 | 98146 A0512 A0960 |
| | 12/7/00 | 6449718 | 98146 A0512 |
| | 4/9/99 | 6449718 | 98146 |
| 9/10/02 | 14/4/44 | 6449718 | 98146 |
| 9/10/02 | tunnament of the second | | |
| | 7/7/99 | 6449396 | 99298 |
| 20/01/6 | 9/24/99 | 6449389 | 984/8 |
| | | | |
| 9/10/02 | 4/20/98 | 6449061 | 96761 |
| | | | 6 |
| 9/10/02 | 5/1/00 | 6449045 | 99803 |
| 9/10/02 | 3/26/99 | 6448102 | 9877913 |
| 9/10/02 | 7/2/01 | 6447974 | A0660 |
| | | | |
| 9/10/02 | 1/30/01 | 6447918 | A0798 |
| 9/10/02 | 2/25/00 | 6447591 | A03711 |
| 9/10 | 8/17 | 64 | 98731 |
| TE DATE | | | NUMBER |
| | 9/10 9/10 9/10 9/10 | FILE DATE 8/17/00 9/10 2/25/00 9/10 1/30/01 9/10 1/30/01 9/10 3/26/99 9/10 5/1/00 9/10 | PATENT FILE NUMBER DATE 6447216 8/17/00 9/10 6447591 2/25/00 9/10 6447918 1/30/01 9/10 6447974 7/2/01 9/10 6448102 3/26/99 9/10 6449045 5/1/00 9/10 |

| Page |
|------|
| 351 |
| 약 3 |
| 172 |

| VARIABLE DEVELOPER FORMING METHOD AND APPARATUS | 11/28/20 | 10/15/02 | 9/28/00 | 6466356 6466749 | A0554Q 96160 |
|-----------------------------------------------------------------------------------------------------|------------|----------|----------|--------------------|-----------------|
| METHOD AND APPARATUS FOR CREATING PERSONAL AUTONOMOUS AVATARS (PARC/FUJI XEROX) | 3/15/18 | 10/15/02 | 2/13/98 | 6466213 | PX97011 |
| MICRO-FABRICATED SHIELDED CONDUCTORS | 3/19/21 | 10/15/02 | 3/19/01 | 6465856 | A0864 |
| PERYLENE MIXTURES | 5/25/20 | 10/15/02 | 5/25/00 | 6464902 | A0090 |
| SOLID INKS AND PRINTING METHODS | 9/20/19 | 10/15/02 | 2/15/02 | 6464766 | A0396DD |
| LASER ABLATED FILTER | 11/30/20 | 10/15/02 | 11/30/00 | 6464347 | A0930 |
| PRINTHEAD CONFIGURATION | 1/31/21 | 10/15/02 | 1/31/01 | 6464337 | 99683 |
| INTERCONNECTION BETWEEN ADJOINING PRINTED WIRING BOARDS | | | | | |
| SPECIALIZED TOOL ADAPTED FOR A PROCESS FOR MANUFACTURE AND | 12/21/20 | 10/15/02 | 12/21/00 | 6464121 | A0637Q |
| HOT AIR IMPINGEMENT DRYING SYSTEM FOR INKJET IMAGES | 11/27/20 | 10/15/02 | 11/27/00 | 6463674 | A0134 |
| DIRECT MEMORY ACCESS CONTROL SYSTEM FOR A DIGITAL SCANNER | 12/2/19 | 10/8/02 | 12/2/99 | 6463481 | 99722Q |
| INTERMEDIATE TRANSFER BELT PROVIDING HIGH TRANSFER EFFICIENCY OF TONER IMAGES TO A TRANSFUSE MEMBER | 12/4/20 | 10/8/02 | 12/4/00 | 6463248 | A0762 |
| ELECTROPHOTOGRAPHIC DEVELOPMENT SYSTEM WITH CUSTOM COLOR PRINTING | 1/26/21 | 10/8/02 | 11/28/00 | 6463239 | A0A24 |
| OFFICE MACHINE INCLUDING A BLOWER HAVING A BLOWER NOISE REDUCING DEVICE | 8/20/21 | 10/8/02 | 8/20/01 | 6463230 | A0860Q |
| METHOD AND APPARATUS FOR INDICATING A FIELD OF VIEW FOR A DOCUMENT CAMERA | 11/8/20 | 10/8/02 | 11/8/00 | 6463220 | 99481 |
| DEVELOPABILITY SENSOR WITH DIFFUSE AND SPECULAR OPTICS ARRAY | 4/20/20 | 10/8/02 | 4/20/00 | 6462821 | 99686 |
| PRINTHEAD WITH REDUNDANT ELECTRODES | 3/9/21 | 10/8/02 | 3/9/01 | 6462764 | A0153 |
| FLEXIBLE BELTS HAVING EMBEDDED SENSOR FIBERS | 12/15/19 | 10/8/02 | 12/15/99 | 6461701 | 99753 |
| PROCESS FOR REMOVING A STRIP OF COATING MATERIAL | 11/29/19 | 10/8/02 | 11/29/99 | 6461442 | 99726 |
| INK COMPOSITIONS | 9/28/20 | 10/8/02 | 8/24/00 | 6461417 | 99763 |
| TYPES OF PRINTER WITH SENSING SYSTEM FOR IDENTIFYING VARIOUS | 6/24/16 | 10/8/02 | 6/24/96 | 6460962 | 96110 |
| REPRODUCTION MACHINE HAVING A SAFE TILTABLE PAPER TRAY | 3/25/21 | 10/8/02 | 12/18/00 | 6460846 | A0092 |
| TOGETHER | | | | | |
| DOCUMENT CREATING SYSTEM INCLUDING A FILM FOR BONDING THE | 11/28/20 | 10/1/02 | 11/28/00 | 6459880 | A0162 |
| DC PIN SCOROTRON CHARGING APPARATUS, AND PRINTING MACHINE ARRANGED WITH THE SAME | 11/15/20 | 10/1/02 | 11/15/00 | 6459873 | A0163 |
| DIGITAL DOCUMENT SCANNER WITH A DOCUMENT SUPPORT ASSEMBLY | 6/11/19 | 10/1/02 | 6/11/99 | 6459510 | 99044 |
| BOUND DOCUMENT IMAGER | 12/8/18 | 10/1/02 | 12/8/98 | 6459505 | 98529 |
| SYSTEM FOR APPLYING APPLICATION BEHAVIORS TO FREEFORM DATA | 12/1/19 | 10/1/02 | 12/1/99 | 6459442 | 99484 |
| | DATE | DATE | DATE | NUMBER | NUMBER |
| TITIE | MOITAGIGYE | ICCLIE | | DATENT | DOCKET |

| Pag | |
|---------|--|
| ige 353 | |
| 으 | |
| 374 | |
| | |

| The state of the s | | | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------|----------|-----------------|----------------------------------------------------------------------------------------------------------------|
| DOCKET | PATENT | PATE | DATE | EXPIRATION DATE | TITLE |
| A0133 | 6472332 | 11/28/00 | 10/29/02 | 11/28/20 | SURFACE MICROMACHINED STRUCTURE FABRICATION METHODS FOR A |
| 96682DD | 6472485 | 10/12/01 | 10/29/02 | 7/14/17 | POLYMERIZATION PROCESS FOR THE PREPARATION OF A RESIN |
| A1679 | 6472523 | 2/8/02 | 10/29/02 | 2/8/22 | PHTHALOCYANINE COMPOSITIONS |
| A0642 | 6473361 | 11/10/00 | 10/29/02 | 11/10/20 | ELECTROMECHANICAL MEMORY CELL |
| | 6473523 | 5/4/99 | 10/29/02 | 5/6/18 | REFO |
| | 6473571 | 10/2/00 | 10/29/02 | 10/2/20 | A COMMUNICATING DISPENSING ARTICLE |
| | 6473587 | 12/28/00 | 10/29/02 | 12/28/20 | MOVABLE CHARGE-METERING MEMBER FOR A SINGLE COMPONENT |
| 99451 | 6473729 | 12/20/99 | 10/29/02 | 12/20/19 | WORD PHRASE TRANSLATION USING A PHRASE INDEX |
| 99275Q1 | 6473895 | 7/20/99 | 10/29/02 | 7/20/19 | T-ORIENTED SYSTE |
| A0965 | 6474634 | 12/18/00 | 11/5/02 | 3/23/21 | ACTIVE PRE-REGISTRATION SYSTEM EMPLOYING A PAPER SUPPLY |
| A0955 | 6474639 | 10/9/01 | 11/5/02 | 10/9/21 | SNAP FIT BEARING ASSEMBLY |
| 99449 | 6475271 | 12/28/00 | 11/5/02 | 1/2/21 | INK JET INK COMPOSITIONS AND PRINTING PROCESSES |
| 97068 | 6475691 | 10/29/97 | 11/5/02 | 10/29/17 | TONER PROCESSES |
| A2039 | 6476219 | 2/8/02 | 11/5/02 | 2/8/22 | METHODS FOR PREPARING PHTHALOCYANINE COMPOSITIONS |
| A1103 | 6476376 | 1/16/02 | 11/5/02 | 1/16/22 | TWO DIMENSIONAL OBJECT POSITION SENSOR |
| 98598 | 6476817 | 6/3/99 | 11/5/02 | 6/3/19 | REMOVABLE MEDIA, SUCH AS A FLOPPY DISK OR VIDEOCASSETTE, |
| 98364 | 6476835 | 5/10/01 | 11/5/02 | 5/10/21 | COPLANAR THIN FILM PRINTHEAD |
| A0622 | 6477337 | 11/27/00 | 11/5/02 | 1/2/21 | ARTIFICIAL OLFACTORY SYSTEM AND METHODS FOR MEDIA SENSING AND IDENTIFICATION |
| 99848 | 6477351 | 11/27/00 | 11/5/02 | 11/27/20 | BLADE CLEANING SYSTEM EMPLOYING AN ELECTRODE ARRAY |
| 99611Q2 | 6477443 | 3/29/00 | 11/5/02 | 3/29/20 | METHOD AND APPARATUS FOR CHARGING FOR PRINTING MIXED SHEET SIZES ON AN ELECTROPHOTOGRAPHIC PRINTING MACHINE |
| 99840 | 6478298 | 8/3/00 | 11/12/02 | 10/26/20 | FIXED STATION SORTER/MAILBOX WITH PASSIVE GATE STATION ENTRANCE SYSTEM |
| 99760 | 6478398 | 1/8/01 | 11/12/02 | 1/8/21 | INK JET PRINTER HAVING A PRINTHEAD ASSEMBLY FOR RECORDING HIGH QUALITY GRAPHIC IMAGES AND PHOTO QUALITY IMAGES |
| 98731D | 6478513 | 3/4/02 | 11/12/02 | 8/17/20 | |
| 96414 | 6479158 | 3/26/97 | 11/12/02 | 3/26/17 | FUSER MEMBER WITH AN AMINO SILANE ADHESIVE LAYER AND PREPARATION THEREOF |
| A0009 | 6479172 | 1/26/01 | 11/12/02 | 4/21/21 | <u> </u> |
| A1106 | 6479311 | 11/27/00 | 11/12/02 | 11/27/20 | PROCESS FOR MANUFACTURING MICROMECHANICAL AND |
| | | | | | (JOINT XEROX/MICROSCAN SYSTEMS INC) |

| A15/1 | | A0010 | A0712I | 995001 | 99078 | A0737 | A0078 | A0586 | A0677 | 99614 | | 9314/0 | | | A0148 | 95200 | R98018 | 99665 | | 99644 | | 96457 | | NUMBER | ナコンへでにす |
|--------------------|----------|----------------------------------------|-----------------------------------------------------------------------------------|----------------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------------------|--------------------------------------------------------------------------------|-----------------------|---------------------------------------------------------|----------------------------------------------|-----------|-----------------------------------------------------------|-----------------------------------------|---------------------------------------|-----------------------------------------|-------------------------------------------|---------------------------------------------------------------------------|---------------------------------------------------------|--------------------------------------------------|--------------------------------------------------------------------|---------------------------------------------|----------------------------------------------------------------------------------|--------|------------|
| 6490428 | 6490427 | 6490426 | 6490423 | 6490420 | 6490008 | 6489777 | 6489619 | 6489020 | 6488870 | 6488798 | 6488357 | 0400000 | 6488275 | 6487389 | 6487388 | 6487375 | 6487189 | 6487002 | 6486895 | 6486889 | 6486861 | 6486459 | 6485874 | NUMBER | コハザビルゴ |
| 12/21/01 | 12/11/00 | 11/3/00 | 6/26/01 | 12/20/01 | 8/13/99 | 1/29/01 | 4/27/01 | 10/27/00 | 11/27/00 | 11/28/00 | 12/5/00 | 7/10/9/ | 12/10/07 | 11/30/00 | 1/24/01 | 12/28/00 | 3/16/99 | 6/11/01 | 9/8/95 | 12/17/99 | 5/7/99 | 8/30/99 | 11/28/00 | DATE | 7 7 7 |
| 12/3/02 | 12/3/02 | 12/3/02 | 12/3/02 | 12/3/02 | 12/3/02 | 12/3/02 | 12/3/02 | 12/3/02 | 12/3/02 | 12/3/02 | 12/3/02 | 10/0/02 | 12/3/02 | 11/26/02 | 11/26/02 | 11/26/02 | 11/26/02 | 11/26/02 | 11/26/02 | 11/26/02 | 11/26/02 | 11/26/02 | 11/26/02 | DATE | 10011 |
| 12/21/21 | 12/11/20 | 11/3/20 | 11/17/20 | 12/20/20 | 8/13/19 | 5/14/21 | 5/10/21 | 10/27/20 | 12/8/20 | 1/20/21 | 1/20/21 | 101/0 | 3/10/11 | 1/3/21 | 1/24/21 | 12/28/20 | 3/16/19 | 6/11/21 | 9/8/15 | 12/1//19 | 5/7/19 | 8/30/19 | 11/28/20 | DATE | NOIT VOIDA |
| PRINTING APPARATUS | | MODULAR IMAGING MEMBER FLANGE ASSEMBLY | METHOD OF OPERATING A XEROGRAPHIC FUSING APPARATUS WITH MULTIPLE HEATING ELEMENTS | SECURITY METHOD FOR A SMART CARD | METHOD FOR REMOVING A CHECKERBOARD-LIKE NOISE ARTIFACT FROM A CAPTURED COMPOSITE NTSC VIDEO FRAME | SYSTEM FOR PURGING ELECTROSTATIC VOLTMETER MODULATOR ASSEMBLY | PIXEL CIRCUIT WITH SELECTABLE CAPACITOR LOAD FOR MULTI-MODE X-RAY IMAGING | POLYANILINE AND CARBON BLACK FILLED POLYIMIDE INTERMEDIATE TRANSFER COMPONENTS | ENCAPSULATION PROCESS | METHOD OF MAKING IMAGEABLE SEAMED INTERMEDIATE TRANSFER | FOR PRINTHEAD OF INK JET PRINTER AND PROCESS | REDUCTION | BIDIDECTIONAL COLOR INK. IET BRINTING WITH HEAD SIGNATURE | REFRESHING A STICKY CLEANER FOR A FUSER | SYSTEM AND METHOD FOR DUPLEX PRINTING | MACHINES TO A REMOTELY LOCATED RECEIVER | MOBILE EMAIL DOCUMENT TRANSACTION SERVICE | LARGE AREA MICRO-STRUCTURE TEMPLATE FOR CREATION OF CLOSELY PACKED ARRAYS | DISPLAY SYSTEM FOR DISPLAYING LISTS OF LINKED DOCUMENTS | WETHOUS AND APPARATUS FOR TRANSFORMING RGB VIDEO | METHOD AND APPARATUS FOR A DISPLAY PRODUCING A FIXED SET OF IMAGES | COLOR BEAM SPLITTER USING AIR-SPACED PRISMS | TONER COMPOSITIONS COMPRISING VINYL RESIN AND POLY(3,4- ETHYLENEDIOXYPYRROLE) | | |

Page 355 of 374

| Page |
|------|
| 356 |
| 으 |
| 374 |

| NIIMBER | NIMBER | DATE | DATE | DATE | |
|---------|---------|----------|----------|----------|--------------------------------------------------------------------------------------------------------|
| 99790 | 6490960 | 7/11/01 | 12/10/02 | 7/11/21 | MUSCLE-EMULATING PC BOARD ACTUATOR |
| A1068 | 6491368 | 12/3/01 | 12/10/02 | 12/3/21 | PRIMING SYSTEM FOR MULTICOLOR INK JET PRINTERS |
| A0486 | 6491371 | 6/16/00 | 12/10/02 | 6/16/20 | INK BLOTTER FOR AN INK JET PRINTER MAINTENANCE STATION PROVIDING INCREASED INK CARRYING CAPACITY |
| 98461 | 6491375 | 11/12/99 | 12/10/02 | 11/12/19 | |
| A0427 | 6492025 | 11/27/00 | 12/10/02 | 11/27/20 | MICROCAPSULE COMPOSITION |
| | 6492080 | 3/23/01 | 12/10/02 | 3/23/21 | PROCESS FOR TUNING PHOTORECEPTOR SENSITIVITY |
| D | 6492082 | 11/28/00 | 12/10/02 | 11/28/20 | TONER COMPOSITIONS COMPRISING POLYPYRROLES |
| 3D | 6492967 | 4/26/02 | 12/10/02 | 12/15/15 | FABRICATION OF A TWISTING BALL DISPLAY HAVING TWO OR MORE DIFFERENT KINDS OF BALLS |
| 98237 | 6493039 | 1/19/99 | 12/10/02 | 1/19/19 | METHOD AND APPARATUS FOR WHITE NOISE REDUCTION IN VIDEO |
| | | | | | |
| 98171 | 6493042 | 3/18/99 | 12/10/02 | 3/18/19 | FEATURE BASED HIERACHICAL VIDEO SEGMENTATION |
| A0730 | 6493083 | 12/15/00 | צטוטווצו | 3///21 | |
| 99097 | 6493463 | 9/9/99 | 12/10/02 | 9/9/19 | SEGMENTATION TAG CLEANUP USING NEIGHBORHOOD TAGS |
| 99303 | 6493469 | 6/28/99 | 12/10/02 | 6/28/19 | DUAL VIDEO CAMERA SYSTEM FOR SCANNING HARDCOPY DOCUMENTS |
| 99201 | 6493702 | 5/5/99 | 12/10/02 | 5/5/19 | SYSTEM AND METHOD FOR SEARCHING AND RECOMMENDING DOCUMENTS IN A COLLECTION USING SHARED BOOKMARKS |
| R99002 | 6493731 | 1/27/99 | 12/10/02 | 1/27/19 | DOCUMENT MANAGEMENT SYSTEM FOR RECORDING AND VIEWING THE HISTORY OF DOCUMENT USE |
| 99177 | 6493760 | 6/28/99 | 12/10/02 | 6/28/19 | STANDALONE DEVICE FOR IDENTIFYING AVAILABLE DOCUMENT SERVICES IN A TOKEN ENABLED OPERATING ENVIRONMENT |
| A1079 | 6494553 | 6/11/01 | 12/17/02 | 6/11/21 | INK LEVEL SENSING FOR INK PRINTER |
| 98518 | 6494565 | 11/5/99 | 12/17/02 | 11/5/19 | METHODS AND APPARATUSES FOR OPERATING A VARIABLE IMPEDANCE ACOUSTIC INK PRINTHEAD |
| A0312 | 6494570 | 12/4/01 | 12/17/02 | 12/4/21 | CONTROLLING GLOSS IN AN OFFSET INK JET PRINTER |
| 99681Q | 6495026 | 10/1/01 | 12/17/02 | 10/1/21 | PROCESS TO SEVER METAL FIBERS USING GALVANIC CELL |
| | 6495243 | 7/27/00 | 12/17/02 | 10/17/20 | RECORDING SUBSTRATES FOR INK JET PRINTING |
| | 6495300 | 7/2/01 | 12/17/02 | 7/2/21 | PHOTOCONDUCTIVE IMAGING MEMBERS |
| A0661 | 6495302 | 6/11/01 | 12/17/02 | 6/14/21 | TONER COAGULANT PROCESSES |
| A0695 | 6496215 | 12/15/00 | 12/17/02 | 1/3/21 | THERMAL SCAN LINE BOW ADJUSTMENT IN AN OPTICAL SCANNING SYSTEM |
| 98379 | 6496277 | 7/23/99 | 12/17/02 | 7/23/19 | |
| 99128Q | 6496298 | 10/26/99 | 12/17/02 | 10/26/19 | BICHROMAL BEADS HAVING CHARGE ADJUVANTS THEREIN |
| | 6496526 | 10/18/00 | 12/17/02 | 3/14/21 | CURRENT SWITCHING DRIVER WITH CONTROLLED BIAS AND ON STATES |
| AUAU3 | 6496676 | 6/20/01 | 12/1//02 | 1.2/02/9 | LIQUID DEVELOPER SYSTEM EMPLOYING A FRETRANSFER STATION |

| Page | |
|--------|--|
| 357 | |
| of 374 | |
| | |
| | |

| DOCKET | PATENT | FILE | ISSUE | EXPIRATION | TITLE |
|-----------------|--------------------|--------------------|----------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A0380 | 0496859 | 11/25/98 | 12/17/02 | 11/25/18 | SYSTEM FOR NETWORK DEVICE LOCATION |
| A1019Q | 6497259 | 12/19/01 | 12/24/02 | 12/19/21 | FILLING APPARATUS HAVING A CLEAN-SHUTOFF CONVEYOR |
| 92105ID | 6497942 | 10/2/01 | 12/24/02 | 6/27/16 | TWISTING CYLINDER DISPLAY |
| 99455 | 6498567 | 12/20/99 | 12/24/02 | 12/20/19 | GENERIC HANDHELD REMOTE CONTROL DEVICE |
| 99329 | 6498601 | 11/29/99 | 12/24/02 | 11/29/19 | METHOD AND APPARATUS FOR SELECTING INPUT MODES ON A PALMTOP COMPUTER |
| A0442 | 6498610 | 5/5/00 | 12/24/02 | 5/5/20 | CONCURRENT UTILIZATION OF MULTIPLE COLOR PROFILE DATABASES FOR IMAGE RENDERING |
| 99126 | 6498674 | 4/14/00 | 12/24/02 | 4/14/20 | ROTATING ELEMENT SHEET MATERIAL WITH GENERALIZED CONTAINMENT STRUCTURE |
| 98017 | 6498868 | 6/11/98 | 12/24/02 | 6/11/18 | IMAGE SCALING USING PATTERN MATCHING TO SELECT AMONG SCALING ALGORITHMS |
| A0605 | 6498912 | 9/25/00 | 12/24/02 | 2/19/21 | JOB-BASED ACCOUNTING METHOD AND APPARATUS FOR IMAGE PROCESSING |
| A0A17 | 6498913 | 8/27/01 | 12/24/02 | 8/27/21 | STATIC CHARGE CONTROLLING SYSTEM AND A REPRODUCTION MACHINE HAVING SAME |
| 99006Q | 6498918 | 6/28/99 | 12/24/02 | 6/28/19 | POLYTHIOPHENE FILLED XEROGRAPHIC COMPONENT COATINGS FOR USE IN XEROGRAPHIC COMPONENTS INCLUDING INTERMEDIATE, FUSER AND/OR BIASING DEVICES, AND AN IMAGE FORMING APPARATUS USING THE SAME |
| 99217 | 6499034 | 10/7/99 | 12/24/02 | 10/7/19 | BRISTLELINES: A VISUALIZATION FOR DISCOVERY RELATIONSHIPS BETWEEN SORTED WEB DOCUMENTS AND THEIR USAGE DATA |
| 96226 | 6499576 | 12/28/00 | 12/31/02 | 2/1/21 | DUAL GEAR TRAIN FOR INK JET PRINTER |
| 98311DD | 6499665 | 11/21/01 | 12/31/02 | 9/21/18 | WE INDUFOR INDEXING AND RETRIEVAL OF PHYSICAL DOCUMENTS ULTRASONIC WELD RIVET FOR PROCESS CARTRIDGE AND IN LINE TACK WELD ASSEMBLY METHOD |
| A0431 | 6500367 | 12/28/00 | 12/31/02 | 5/7/21 | METHOD OF FORMING A SEAMLESS BELT |
| A0885 97092Q | 6500597 6501485 | 8/6/01 10/29/98 | 12/31/02 | 8/6/21 10/29/18 | MESSAGE MANAGEMENT SYSTEM FOR A USER INTERFACE OF A |
| 98365 | 6501494 | 5/9/01 | 12/31/02 | 5/9/21 | THIN FILM PRINTHEAD WITH LAYERED DIELECTRIC |
| 99394 | 6501559 | 11/29/99 | 12/31/02 | 11/29/19 | METHOD AND APPARATUS FOR MANAGING JOB CONTENTION FOR SYSTEM RESOURCES IN AN ELECTRONIC REPROGRAPHIC SYSTEM |
| A0545 | 6501567 | 12/15/00 | 12/31/02 | 7/31/21 | METHOD AND SYSTEM FOR DESIGNING SPATIALLY-PARTITIONED AND CORRELATED STOCHASTIC SCREENS FOR COLOR HALFTONING |
| A0554Q4 | 6501588 | 9/28/00 | 12/31/02 | 9/28/20 | METHOD FOR AN OPTICAL SWITCH ON A SILICON SUBSTRATE |
| 99438 | 6501934 | 10/26/00 | 12/31/02 | 10/26/20 | TRANSFER/TRANSFUSE MEMBER HAVING INCREASED DURABILITY |
| MUMOO | 404000 | 11/22/00 | 1///03 | 0/01/21 | MIGHT-FOLOR OF STEM FOUND DICT FOLDS |

| Pag | |
|-------|--|
| je 36 | |
| 000 | |
| 374 | |
| _ | |

| | 7 | | | 1.55.5 | |
|---------|---------|----------|---------|----------|----------------------------------------------------------------------------------------------------------------|
| NUMBER | NUMBER | DATE | DATE | DATE | |
| 99647 | 6512530 | 1/19/00 | 1/28/03 | 1/19/20 | SYSTEMS AND METHODS FOR MIMICKING AN IMAGE FORMING OR CAPTURE DEVICE CONTROL PANEL CONTROL ELEMENT |
| 99479 | 6512539 | 9/29/99 | 1/28/03 | 9/29/19 | DOCUMENT PERISCOPE |
| 962931 | 6513909 | 3/30/99 | 2/4/03 | 3/30/19 | METHOD AND APPARATUS FOR MOVING INK DROPS USING AN ELECTRIC FIELD AND TRANSFUSE PRINTING SYSTEM USING THE SAME |
| 97619 | 6514650 | 9/2/99 | 2/4/03 | 9/2/19 | THIN PERFLUOROPOLYMER COMPONENT COATINGS |
| A0A86Q1 | 6514704 | 2/1/01 | 2/4/03 | 2/1/21 | QUALITY CONTROL MECHANISM AND PROCESS FOR A BIOFLUID MULTI- |
| A1021 | 6515069 | 8/30/01 | 2/4/03 | 8/30/21 | POLYDIMETHYLSILOXANE AND FLUOROSURFACTANT FUSING RELEASE AGENT |
| A1350Q | 6515308 | 12/21/01 | 2/4/03 | 12/21/21 | NITRIDE-BASED VCSEL OR LIGHT EMITTING DIODE WITH P-N TUNNEL JUNCTION CURRENT INJECTION |
| 99356 | 6515684 | 2/10/00 | 2/4/03 | 2/10/20 | SYSTEMS AND METHODS FOR REVIEWING IMAGE PROCESSING JOB FEATURES |
| 99852 | 6515690 | 2/25/00 | 2/4/03 | 2/25/20 | SYSTEMS AND METHODS PROVIDING AN INTERFACE FOR NAVIGATING DYNAMIC TEXT |
| 98632 | 6515764 | 12/18/98 | 2/4/03 | 12/18/18 | METHOD AND APPARATUS FOR DETECTING PHOTOCOPIER TRACKING SIGNATURES |
| R97012 | 6515988 | 7/17/98 | 2/4/03 | 7/17/18 | TOKEN-BASED DOCUMENT TRANSACTIONS |
| 99095 | 6516091 | 9/9/99 | 2/4/03 | 9/9/19 | BLOCK LEVEL ANALYSIS OF SEGMENTATION TAGS |
| A1136 | 6516173 | 8/17/01 | 2/4/03 | 8/17/21 | ION IMPLANTATION TO TUNE TRIBO-CHARGING PROPERTIES OF MATERIALS OR HYBRID SCAVENGLESS DEVELOPMENT WIRES |
| A0953 | 6517066 | 7/12/01 | 2/11/03 | 7/12/21 | METHOD AND SYSTEM FOR PURGING AND PREPARING A PRINTER |
| A1078 | 6517187 | 9/14/01 | 2/11/03 | 9/14/21 | METHOD AND APPARATUS FOR CLEANING RESIDUAL INK FROM PRINTHEAD NOZZLE FACES |
| 99623 | 6517266 | 5/15/01 | 2/11/03 | 5/15/21 | SYSTEMS AND METHODS FOR HAND-HELD PRINTING ON A SURFACE OR |
| 99168Q | 6517440 | 4/16/99 | 2/11/03 | 4/16/19 | SHAFTS WITH MOLDED CORE AND EXTE |
| | 6517618 | 5/24/01 | 2/11/03 | 5/24/21 | PHOTOCHROMIC ELECTROPHORETIC INK DISPLAY |
| 91302CD | 6519055 | 3/30/00 | 2/11/03 | 3/30/20 | (AMENDED) TWO DIMENSIONAL LINEAR INTERPOLATION AND REGISTRATION CONTROL FOR A HYPERACUITY PRINTER |
| 96456 | 6519361 | 11/19/99 | 2/11/03 | 11/19/19 | OPTIMIZATION OF COLOR TRANSFORMATION MATRIX WITH ALL POSITIVE COEFFICIENTS |
| 98372 | 6519367 | 9/23/98 | 2/11/03 | 9/23/18 | METHOD AND SYSTEM FOR PROPAGATING SELECTIVE AMOUNTS OF ERROR IN A HYBRID SCREENING DEVICE |
| 99162 | 6519552 | 3/10/00 | 2/11/03 | 9/15/19 | SYSTEMS AND METHODS FOR A HYBRID DIAGNOSTIC APPROACH OF REAL TIME DIAGNOSIS OF ELECTRONIC SYSTEMS |
| A0920 | 6520612 | 3/26/01 | 2/18/03 | 3/26/21 | SENSING SYSTEM FOR DETECTING PRESENCE OF AN INK CONTAINER |

| Page | |
|-------|--|
| e 361 | |
| of 37 | |
| 4 | |

| | T | | T | | |
|---------|---------|----------|---------|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NUMBER | NUMBER | DATE | DATE | DATE | |
| 99525D | 6521297 | 5/22/01 | 2/18/03 | 6/10/20 | MARKING MATERIAL AND BALLISTIC AEROSOL MARKING PROCESS FOR THE USE THEREOF |
| 96036D | 6521330 | 6/28/01 | 2/18/03 | 6/26/16 | FLOW COATING PROCESS FOR MANUFACTURE OF POLYMERIC PRINTER AND BELT COMPONENTS |
| 99052Q | 6522430 | 11/29/99 | 2/18/03 | 11/29/19 | QUANTIFICATION OF MOTION QUALITY EFFECT ON IMAGE QUALITY |
| 99145 | 6522431 | 4/26/99 | 2/18/03 | 4/26/19 | SYSTEM FOR MINIMIZING IMAGE DEFECTS IN A HARD-COPY INPUT |
| A0825 | 6522791 | 1723/01 | 2/18/03 | 8/2//21 | DYNAMIC USER INTERFACE WITH SCANNED IMAGE IMPROVEMENT ASSIST |
| 99688 | 6522859 | 10/16/01 | 2/18/03 | 10/16/21 | FIBER REMOVAL DEVICE |
| A0020 | 6523208 | 3/24/00 | 2/25/03 | 3/24/20 | FLEXIBLE WEB CLEANING SYSTEM |
| 98314Q3 | 6523928 | 9/30/98 | 2/25/03 | 9/30/18 | METHOD OF TREATING A SUBSTRATE EMPLOYING A BALLISTIC AEROSOL MARKING APPARATUS |
| A1183 | 6523931 | 8/29/01 | 2/25/03 | 8/29/21 | METHOD AND APPARATUS FOR PRIMING A PRINTHEAD |
| 98458 | 6523939 | 11/15/99 | 2/25/03 | 11/15/19 | CHOOSING PRINT PASSES AND SPEED BASED ON REQURIED NUMBER OF DROPS FOR EACH SWATH |
| 98444 | 6523944 | 6/30/99 | 2/25/03 | 6/30/19 | INK DELIVERY SYSTEM FOR ACOUSTIC INK PRINTING APPLICATIONS |
| A0433 | 6523996 | 12/27/00 | 2/25/03 | 1/11/21 | BLENDING TOOL WITH AN ENLARGED COLLISION SURFACE FOR INCREASED BLEND INTENSITY AND METHOD OF BLENDING TONERS |
| 99536 | 6524500 | 12/28/00 | 2/25/03 | 7/27/21 | METHOD FOR MAKING MICROENCAPSULATED GYRICON BEADS |
| A0893 | 6525136 | 8/2/01 | 2/25/03 | 8/2/21 | PHOTOCHROMIC CORE AND SHELL MATRIX |
| A0444 | 6525721 | 5/5/00 | 2/25/03 | 5/5/20 | COLOR PROFILE MANAGEMENT AND COLOR COLLECTION MANAGEMENT, NAVIGATION AND VISUAL DESIGN |
| 98748 | 6525741 | 8/30/99 | 2/25/03 | 8/30/19 | CHROMA KEY OF ANTIALISED IMAGES |
| 93446C | 6525749 | 10/25/96 | 2/25/03 | 12/30/13 | APPARATUS AND METHOD FOR SUPPORTING THE IMPLICIT STRUCTURE OF FREEFORM LISTS, OUTLINES, TEXT, TABLES, AND DIAGRAMS IN A GESTURE BASEDIND IT SYSTEM AND EDITING SYSTEM |
| 95513 | 6525751 | 5/25/01 | 2/25/03 | 7/7/21 | RASTER OUTPUT SCANNER FRACTION-OF-SCAN POLYGON REPHASING AND ALGORITHM |
| 985751 | 6525831 | 3/31/99 | 2/25/03 | 3/31/19 | OLATING ON LANG |
| 98626Q | 6525845 | 1/19/99 | 2/25/03 | 1/19/19 | METHODS AND APPARATUS FOR MODIFYING IMAGE DATA BASED ON IDENTIFICATION OF MARKING PROCESS |
| A1360 | 6525866 | 1/16/02 | 2/25/03 | 1/16/22 | ELECTROPHORECTIC DISPLAYS, DISPLAY FLUIDS FOR USE THEREIN, AND METHODS OF DISPLAYING IMAGES |
| A0902 | 6526083 | 10/9/01 | 2/25/03 | 10/9/21 | TWO SECTION BLUE LASER DIODE WITH REDUCED OUTPUT POWER DROOP |

| | DEVELOPMENT | | | | | | |
|---|------------------------------------------------------------------------------------|------------|---------|-----------|---------|----------|--|
| | EVOLVABLE ROLES IN SUPPORT OF FLUID AND INTEGRATIVE APPLICATION | | | | | | |
| | ATTRIBLITE SYSTEM WITH BRIMITIVE SHEDDORT OF DYNAMIO AND | 9/25/20 | 3/18/03 | 7/11/00 | 6535884 | A0465 | |
| | LIQUID XEROGRAPHIC DEVELOPABILITY SENSOR | 11/3/20 | 3/18/03 | 11/3/00 | 6535700 | 97184 | |
| L | IMPORTANCE AND A FRAME-PACKING METHOD | 3/12/19 | 3/18/03 | 3/12/99 | 6535639 | PX98018 | |
| 1 | IERROR CLIPPING FOR VECTOR ERROR DIFFUSION | 10/25/19 | 3/18/03 | 10/25/99 | 6535635 | 96662Q | |
| | | 1 | | CIPTION O | | 0 | |
| | METHOD AND APPARATUS FOR RE-CLASSIFYING COLOR IMAGE PIXELS | 9/24/19 | 3/18/03 | 9/24/99 | 6535633 | 9/5/4 | |
| | METHOD OF MAKING LOW COST INTEGRATED COT-OF-PLANE MICKO- DEVICE STRUCTURES | 2/9/21 | 3/18/03 | 2/9/01 | 6534249 | A0A90Q | |
| | LOCATION INFORMATION | | 0,000 | 1,00,00 | 0000022 | 27 4 7.0 | |
| | METHOD AND SYSTEM FOR GENERATING DOCUMENT SUMMARIES WITH | 11/27/20 | 3/18/03 | 11/27/00 | 6533386 | A0481 | |
| | ISOLATED EJECTOR FAILURE | | | | | | |
| | INCREASING ROBUSTNESS OF AN ACOUSTIC PRINTING SYSTEM AGAINST | 3/12/21 | 3/10/03 | 3/12/01 | 0000000 | REDIA | |
| | TRINIER WHEEL LAIERAL REGISTRATION AND DESCRIPTIONS OF VITAL RAND | 0/42/21 | 3/18/03 | 7/27/01 | 6533268 | A1351Q | |
| | REPLACEABLE MODULE FOR OFFICE EQUIPMENT | 6/27/20 | 3/11/03 | 10/22/01 | 6532351 | 99206C | |
| | INTEGRATED MICRO-OPTO-ELECTRO-MECHANICAL LASER SCANNER | 12/9/20 | 3/11/03 | 12/6/00 | 6532093 | A0594 | |
| | SENSOR ARRAYS | 11/19/19 | 3/11/03 | 11/19/99 | 6532086 | 96763 | |
| | TABLES | //23/19 | 3/11/03 | 7/23/99 | 6532081 | 99081 | |
| | | 8/4/21 | 3/11/03 | 7/31/01 | 6531048 | 99681 | |
| | BEARING | 9/29/20 | 3/11/03 | 8/27/02 | 6530692 | 99139D | |
| | DRIP PLATE DESIGN FOR A SOLID INK PRINTER | 5/31/21 | 3/11/03 | 5/31/01 | 6530655 | A1212 | |
| | METHOD AND APPARATUS FOR CLEANING FLUID EJECTION CARTRIDGE AND MAINTENANCE STATION | 5/3/21 | 3/11/03 | 5/3/01 | 6530644 | 97519 | |
| | ARRANGED WITH THE SAME | (/25/21 | 3/4/03 | //25/01 | 6529/02 | A1234 | |
| _ | TONER CARTRIDGE ELECTRICAL IDENTIFICATION MECHANISM | 12/8/20 | 3/4/03 | 12/8/00 | 6529691 | 99359 | |
| | SYSTEM FOR ELECTRONIC COMPENSATION OF BEAM SCAN TRAJECTORY DISTORTION | 12/21/18 | 3/4/03 | 12/21/98 | 6529643 | 98579 | |
| | IMAGE SEGMENTATION APPARATUS AND METHOD | 9/23/18 | 3/4/03 | 9/23/98 | 6529629 | 98101 | |
| | | DATE | DATE | DATE | NUMBER | NUMBER | |
| | ITITLE | EXPIRATION | ISSUE | FILE | PATENT | DOCKET | |

Page 363 of 374

6/25/03

| | | | | | 414.1 |
|----------|---------|----------|---------|----------|----------------------------------------------------------------------------------------------------------------------------------------|
| NUMBER | NUMBER | DATE | DATE | DATE | |
| 99660Q | 6556300 | 5/22/01 | 4/29/03 | 6/28/21 | COLOR IMAGER BAR BASED SPECTROPHOTOMETER PHOTODETECTOR OPTICAL ORIENTATION |
| A0511Q | 6556805 | 12/6/01 | 4/29/03 | 12/11/21 | ER/ |
| A0098 | 6556932 | 7/21/00 | 4/29/03 | 12/24/20 | SYSTEM AND METHOD FOR RECONSTRUCTION OF SPECTRAL CURVES USING MEASUREMENTS FROM A COLOR SENSOR AND A SPECTRAL MEASUREMENT SYSTEM MODEL |
| 98058 | 6557017 | 2/3/99 | 4/29/03 | 2/3/19 | IMAGE PRODUCTION SYSTEM THEME INTEGRATION |
| 99593 | 6557111 | 11/29/99 | 4/29/03 | 11/29/19 | MULTICAST-ENHANCED UPDATE PROPAGATION IN A WEAKLY- CONSISTENT, REPLICATED DATA STORAGE SYSTEM |
| 99832 | 6557842 | 4/12/01 | 5/6/03 | 8/10/21 | PAPER CLIP AUTOMATIC ATTACHING DEVICE AND A DOCUMENT SET PRODUCING MACHINE HAVING SAME |
| A0974 | 6557988 | 11/2/01 | 5/6/03 | 11/2/21 | RESERVE INK SUPPLY IN THERMAL INK JET CARTRIDGE INK TANKS |
| A0429 | 6558469 | 2/6/01 | 5/6/03 | 7/11/21 | |
| A1014 | 6558767 | 6/20/01 | 5/6/03 | 6/20/21 | IMAGEABLE SEAMED BELTS HAVING POLYVINYLBUTYRAL AND ISOCYANATE OUTER LAYER |
| A0794 | 6558778 | 10/31/00 | 5/6/03 | 3/6/21 | LAYER HAVING POLYMER MATRIX AND SMALL MOLECULES |
| A0859QC | 6558974 | 10/29/01 | 5/6/03 | 12/14/20 | ELECTRICAL DETECTION OF V-GROOVE WIDTH |
| 9846511 | 6559820 | 11/24/99 | 5/6/03 | 3/25/19 | TRIBO-ADDRESSED AND TRIBO-SUPPRESSED ELECTRIC PAPER |
| 99259 | 6559956 | | 5/6/03 | 5/27/19 | REGION REGION |
| 97563 | 6559961 | 9/27/99 | 5/6/03 | 9/27/19 | ELECTRONIC PRINTING OF PRINT JOBS CONTAINING JAM-PRONE SHEETS |
| 97419 | 6560281 | 2/24/98 | 5/6/03 | 2/24/18 | METHOD AND APPARATUS FOR GENERATING A CONDENSED VERSION OF A VIDEO SEQUENCE INCLUDING DESIRED AFFORDANCES |
| A0954 | 6560428 | 10/10/01 | 5/6/03 | 10/10/21 | TENSIONING AND DETENSIONING ASSEMBLY |
| A1280 | 6560432 | 11/5/01 | 5/6/03 | 11/5/21 | ALLOYED DONOR ROLL COATING |
| A0756 | 6560436 | 12/14/01 | 5/6/03 | 12/14/21 | |
| 95566 | 6560707 | 1/12/96 | 5/6/03 | 1/12/16 | MULTIMEDIA COORDINATION SYSTEM |
| A0727 | 6560861 | 7/11/01 | 5/13/03 | 9/5/21 | MICROSPRING WITH CONDUCTIVE COATING DEPOSITED ON TIP AFTER RELEASE |
| A2033Q10 | 6561636 | 5/30/02 | 5/13/03 | 5/30/22 | LOAD AND FEED APPARATUS FOR SOLID INK |
| A1117 | 6561640 | 10/31/01 | 5/13/03 | 10/31/21 | SYSTEMS AND METHODS OF PRINTING WITH ULTRA VIOLET PHOTOSENSITIVE RESIN-CONTAINING MATERIALS USING LIGHT EMITTING DEVICES |
| 97564 | 6561709 | 7/2/01 | 5/13/03 | 8/23/21 | SHEET SET STACKING SYSTEM WITH REDUCED STUBBING |
| 98502 | 6562076 | 8/31/98 | 5/13/03 | 8/31/18 | ATTACHED TO A DOCUMENT IN A DOCUMENT MANAGEMENT SYSTEM |
| 97494 | 6562077 | 11/14/97 | 5/13/03 | 1/27/18 | SORTING IMAGE SEGMENTS INTO CLUSTERS BASED ON A DISTANCE MEASUREMENT |

Page 366 of 374

6/25/03

| BASED CONTROL OF ACTUATORS AND SENSORS | 9/27/19 | 5/27/03 | 9/27/99 | 6568592 | 99612Q2 |
|--------------------------------------------------------------------------------------------------|--------------|----------------------------------------|----------|-----------------------------------------|---------|
| SYSTEM AND METHOD FOR PROVIDING RECOMMENDATIONS BASED ON MULTI-MODAL USER CLUSTERS | 10/19/19 | 5/20/03 | 10/19/99 | 6567797 | 99197 |
| ANTIALIASED IMAGE RENDERING ALGORITHM | 7/22/19 | 5/20/03 | 7/22/99 | 6567565 | 98697 |
| | | | | | (|
| SCANNING III-V COMPOUND LIGHT EMITTERS INTEGRATED WITH SI-BASED | 12/11/18 | 5/20/03 | 12/11/98 | 6567448 | 97644 |
| STRUCTURE AND METHOD FOR SELF-ALIGNED, INDEX-GUIDED, BURIED HETEROSTRUCTURE ALGALNN LASER DIODES | 9/29/19 | 5/20/03 | 9/29/99 | 6567443 | 99241 |
| SCANNING SYSTEM | 11/24/19 | 5/20/03 | 11/24/99 | 6567188 | 99414 |
| REPRODUCING SYSTEM | /1/18 | 5/20/03 | 66/1.77 | 981,199 | 9/565 |
| | 8/11/21 | 5/20/03 | 6/25/01 | 6567170 | 99660Q1 |
| FIFO BUFFER | 81/1/2/8 | 5/20/03 | 86/7/88 | 656/094 | 99204 |
| | 4/28/20 | 5/20/03 | 4/20/01 | 6566027 | 96691D |
| POLYMERIC PARTICLES AS EXTERNAL TONER ADDITIVES | 1/16/22 | 5/20/03 | 1/16/02 | 6566025 | A1010 |
| LOAD AND FEED APPARATUS FOR SOLID INK | 5/30/22 | 5/20/03 | 5/30/02 | 6565201 | A2033Q5 |
| LOAD AND FEED APPARATUS FOR SOLID INK | 5/30/22 | 5/20/03 | 5/30/02 | 6565200 | A2033Q8 |
| 1 | | | , | | |
| ULTRASONIC CLEANER AND TONER AGGLOMERATE DISPERSER FOR | 11/22/20 | 5/20/03 | 10/30/00 | 6564711 | A0871 |
| A MULTIPLE DATA OBJECT CLUSTER | 61/61/01 | 5/13/03 | 10/19/99 | 6564202 | 99198Q3 |
| HIGH QUALITY DIGITAL SCALING USING IMAGE TAGS | 1/1/19 | 5/13/03 | 11/22/00 | 6563963 | 981031 |
| TRANSFORMS FOR ENHANCED IMAGE DATA TRANSMISSION | 11/10/10 | | 11/13/90 | 0503955 | 98647 |
| TECHNOLOGIES LABORATORY (PACTEL) | GRIGKI, K.K. | ــــــــــــــــــــــــــــــــــــــ | 88(8K) K | 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - | |
| , COM21, INC. & TELESIS | | | | | |
| METHOD FOR PROVIDING INTEGRATED PACKET SERVICES OVER A | 4/24/16 | 5/13/03 | 3/25/99 | 6563829 | 95289C |
| MULTIPLE SELECTABLE SPEEDS | 8/30/19 | 5/13/03 | 8/30/99 | 6563600 | 99417 |
| CARBAZOLE COMPOUNDS | 7/25/22 | 5/13/03 | 7/25/02 | 6562982 | A1331Q |
| SEMICONDUCTOR THIN FILMS ONTO DISSIMILAR SUBSTRATE MATERIALS | 10,20 | 0,00 | 0/20/00 | 0502040 | AUDOU |
| CALL LANGUED WELLOD EOD VEDABATION AND TRANSFER OF | 17/42/6 | 5/13/03 | 9/24/01 | 0502541 | A1005 |
| TONITO DE CONTROCTO | 1/26/21 | 5/13/03 | 20/62/8 | 6562485 | AUUU9D |
| | 7/14/21 | 5/13/03 | 2/22/01 | 6562135 | A0A59 |
| | DATE | DATE | DATE | NUMBER | NUMBER |
| TITLE | EXPIRATION | ISSUE | FILE | PATENT | DOCKET |

Page 367 of 374 6/25/03

| 70 |
|---------|
| ag |
| e 30 |
| 69 |
| 약 |
| 374 |

6/25/03

| A1037Q 65 | <u> </u> | A0B04 65 | 99188 68 | 90//0 | | A0735Q1 65 | | A1221 65 | | A0939 66 | | | 98230 68 | A0577 65 | | | | | | | 99480 65 | | | A2278 65 | A2233 65 | | | A1036 68 | | A0A69 65 | NUMBER | DOCKET |
|----------------------------|----------|-----------------------------------------------------------|-------------------------------------|------------------------------------------------|---------|---------------------------------------------------------|---------------------------------------------------|----------|----------------------------------------------------------|-----------------------------------------------|-------------------------|--------------------------------------|-----------------------------------------------------------|-------------------------------------------------|------------|---------------------------------------------------|------------------------------------------------------------|--------------|------------------------------------------------------|--------------------------------------------------|---------------------------------|------------------------------|---------------------------------------------------------------|--------------------------------------------------|-------------------------|---------------------------|----------------|--------------|-------------|---------------|--------|------------|
| 6582866 | | 6581456 | 6581066 | | | | | | | 6580858 | | | 6580812 | 6579735 | | | | | | | 6577762 | | | 6576748 | 65/6/4/ | | | 6576078 | | 6575461 | NUMBER | PATENT |
| 8/31/01 | 8/21/00 | 1/7/02 | 11/29/99 | 0/2//90 | 207/06 | 11/29/01 | 1/30/02 | 10/4/01 | 8/27/01 | 4/30/01 | 66/6/0 | | 12/21/98 | 12/3/01 | | 11/27/00 | 4/10/02 | 4/10/01 | 11/24/99 | 12/2/99 | 10/26/99 | ì | 1/16/02 | 6/27/02 | 6/2//02 | 10/15/01 | 12/19/01 | 4/11/01 | 8/24/01 | 12/5/01 | DATE | FILE |
| 6/24/03 | 6/24/03 | 6/24/03 | 6/17/03 | 0/1//03 | 6147100 | 6/17/03 | 6/17/03 | 6/17/03 | 6/17/03 | 6/17/03 | 0/1//03 | | 6/17/03 | 6/17/03 | | 6/17/03 | 6/17/03 | 6/17/03 | 6/10/03 | 6/10/03 | 6/10/03 | | 6/10/03 | 6/10/03 | 6/10/03 | 6/10/03 | 6/10/03 | 6/10/03 | 6/10/03 | 6/10/03 | DATE | ISSUE |
| 8/31/21 | 1/2/21 | 1/7/22 | 11/29/19 | 0/2//10 | 6/07/46 | 11/29/21 | 2/2/22 | 10/4/21 | 8/27/21 | 4/30/21 | 0/3/13 | | 12/21/18 | 12/3/21 | | 5/16/21 | 4/10/22 | 6/9/21 | 11/24/19 | 12/2/19 | 10/26/19 | | 1/25/22 | 7/29/22 | 0/2/1/2/ | 10/15/21 | 12/19/21 | 6/15/21 | 8/24/21 | 1/21/22 | DATE | EXPIRATION |
| COHESION BETWEEN PARTICLES | | SUBSTRATE BENDING STIFFNESS MEASUREMENT METHOD AND SYSTEM | LANGUAGE-BASED SERVICES DYNAMICALLY | ANALYSIS ON COLLECTIONS OF INFORMATION OBJECTS | | APPARATUS AND METHOD FOR NON-INTERACTIVE MAGNETIC BRUSH | MODULE TO MODULE ATTACHING AND SECURING APPARATUS | | A METHOD AND SYSTEM FOR MANAGING REPLENISHMENT OF TONERS | MICRO-OPTO-ELECTRO- MECHANICAL SYSTEM (MOEMS) | DOCUMENT SECURITY MARKS | REPRESENTING MOTION TO A STILL IMAGE | METHODS AND SYSTEMS FOR AUTOMATICALLY ADDING MOTION LINES | METHOD FOR FABRICATING GAN FIELD EMITTER ARRAYS | TRANSDUCER | METHOD AND APPARATUS FOR ASSEMBLING AN ULTRASONIC | LIQUID CRYSTAL SENSING OF THERMAL INK JET HEAD TEMPERATURE | SHEET FEEDER | APPARATUS AND METHOD OF DISTRIBUTING OBJECT HANDLING | OZONE CATALYTIC CONVERTER UNIT OF OPTIMAL DESIGN | BACKGROUND SURFACE THRESHOLDING | METHODS OF DISPLAYING IMAGES | ELECTROPHORETIC DISPLAYS, DISPLAY FLUIDS FOR USE THEREIN, AND | METHOD FOR MAKING DIMERIC AZO PYRIDONE COLORANTS | DIAZOPYRIDONE COLORANTS | TONER COAGULANT PROCESSES | COATING METHOD | BELTS BELTS | Y MODULAR S | OUBLE SHEET S | | TITLE |

PATENT REEL: 034828 FRAME: 0027

RECORDED: 01/28/2015