

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

Assignment ID: PATI799288

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT OF SECURITY INTEREST IN PATENTS
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ROYAL BANK OF CANADA [Resigning Collateral Agent]	01/31/2025
<b>RECEIVING PARTY DATA</b>	
<b>Company Name:</b>	GLAS USA LLC [Successor Collateral Agent]
<b>Street Address:</b>	3 SECOND ST. SUITE 206
<b>City:</b>	JERSEY CITY
<b>State/Country:</b>	NEW JERSEY
<b>Postal Code:</b>	07311
<b>PROPERTY NUMBERS Total: 323</b>	
<b>Property Type</b>	<b>Number</b>
Patent Number:	8192010
Patent Number:	8317311
Patent Number:	8430498
Patent Number:	8740367
Patent Number:	8814346
Patent Number:	7891799
Patent Number:	6572293
Patent Number:	6832865
Patent Number:	7204484
Patent Number:	7367559
Patent Number:	7552923
Patent Number:	6748471
Patent Number:	7093046
Patent Number:	7574545
Patent Number:	7343438
Patent Number:	7574546
Patent Number:	9952539
Patent Number:	10114307
Application Number:	16173339
Application Number:	16432799

PATENT

<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16432800
<b>Patent Number:</b>	6962449
<b>Patent Number:</b>	6974269
<b>Patent Number:</b>	7229225
<b>Patent Number:</b>	7648293
<b>Patent Number:</b>	8408676
<b>Patent Number:</b>	8882243
<b>Patent Number:</b>	7828412
<b>Patent Number:</b>	8162437
<b>Patent Number:</b>	6825943
<b>Patent Number:</b>	7099027
<b>Patent Number:</b>	7233409
<b>Patent Number:</b>	7466441
<b>Patent Number:</b>	8960870
<b>Patent Number:</b>	8967777
<b>Patent Number:</b>	8777385
<b>Patent Number:</b>	8322836
<b>Patent Number:</b>	8782808
<b>Patent Number:</b>	9134935
<b>Patent Number:</b>	7367060
<b>Patent Number:</b>	8601605
<b>Patent Number:</b>	6781596
<b>Patent Number:</b>	6950110
<b>Patent Number:</b>	7259768
<b>Patent Number:</b>	7756346
<b>Patent Number:</b>	8595384
<b>Patent Number:</b>	9137208
<b>Patent Number:</b>	8205012
<b>Patent Number:</b>	9878561
<b>Patent Number:</b>	9321281
<b>Patent Number:</b>	6859832
<b>Patent Number:</b>	7587468
<b>Patent Number:</b>	7552207
<b>Patent Number:</b>	7301667
<b>Patent Number:</b>	7859724
<b>Patent Number:</b>	7859711
<b>Application Number:</b>	15883032
<b>Patent Number:</b>	8860998

<b>Property Type</b>	<b>Number</b>
Patent Number:	6967728
Patent Number:	8294925
Patent Number:	9302490
Patent Number:	9694597
Application Number:	15641110
Patent Number:	7431759
Patent Number:	7427317
Patent Number:	7662224
Patent Number:	7245400
Patent Number:	7397583
Patent Number:	8730525
Patent Number:	7280090
Patent Number:	7911432
Patent Number:	7911433
Patent Number:	7023570
Patent Number:	7239403
Patent Number:	7522311
Patent Number:	9779335
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Patent Number:	9129193
Patent Number:	8757762
Patent Number:	8967762
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Patent Number:	7296157
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Patent Number:	9303097
Patent Number:	8133539
Application Number:	15090515
Patent Number:	7002700

Property Type	Number
Patent Number:	8139256
Patent Number:	9527307
Patent Number:	10016993
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Patent Number:	6866434
Patent Number:	7738147
Patent Number:	9446990
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Patent Number:	7522770
Patent Number:	7095518
Patent Number:	7460265
Application Number:	15390101
Application Number:	16029881
Application Number:	15267375
Patent Number:	7302103
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Patent Number:	9656490
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Patent Number:	9724935
Patent Number:	7859689
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Patent Number:	10315332
Patent Number:	7097369
Patent Number:	7706015
Patent Number:	8885181

Property Type	Number
Patent Number:	8934119
Patent Number:	7365105
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Patent Number:	7426033
Patent Number:	8477165
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Patent Number:	7889361
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Patent Number:	7081969
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Patent Number:	8013871
Patent Number:	10265978

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Patent Number:	10326915
Patent Number:	10300723
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Patent Number:	6550991
Application Number:	16011306
Application Number:	15472630
Application Number:	15603880
Application Number:	16387828
Application Number:	16443489
Application Number:	16421287
Patent Number:	9786094
Patent Number:	7653683
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Patent Number:	7724392
Patent Number:	7248752
Patent Number:	7688458
Patent Number:	9790388
Patent Number:	7506253
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Patent Number:	6978299
Patent Number:	9227428
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Patent Number:	9085161
Patent Number:	6637958

Property Type	Number
Patent Number:	7177049
Patent Number:	6616355
Application Number:	15636320
Application Number:	15831037
Application Number:	16159510
Patent Number:	7461377
Patent Number:	6539323
Patent Number:	9630425
Patent Number:	7919543
Patent Number:	9909023
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Patent Number:	9994053
Patent Number:	6857803
Patent Number:	7064153
Patent Number:	7598964
Patent Number:	6369895
Patent Number:	9458334
Patent Number:	6778700
Application Number:	16151110
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Application Number:	15715965
Patent Number:	9260616
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Patent Number:	10195874
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Patent Number:	9232112

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<b>Patent Number:</b>	6874860
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<b>Patent Number:</b>	6905189
<b>Patent Number:</b>	9487010
<b>Patent Number:</b>	10280318
<b>Application Number:</b>	14548259
<b>Patent Number:</b>	7480070
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<b>Patent Number:</b>	9420146
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<b>Patent Number:</b>	8810876
<b>Patent Number:</b>	9195916
<b>Application Number:</b>	14821043
<b>Application Number:</b>	15604381
<b>Application Number:</b>	15605770
<b>Patent Number:</b>	7672013
<b>Patent Number:</b>	8833922
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<b>Patent Number:</b>	6559958



<b>Property Type</b>	<b>Number</b>
Patent Number:	6879409
Patent Number:	7884962
Patent Number:	6930795
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Patent Number:	6836342
Patent Number:	7031015
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Patent Number:	6757436
Patent Number:	7460721
Patent Number:	6590676
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Patent Number:	7684085
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Patent Number:	6552815
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Patent Number:	7800773
Patent Number:	6678068
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Patent Number:	6289122
Patent Number:	6856428
Patent Number:	6226419
Patent Number:	6112665
Patent Number:	6546364
Patent Number:	6662199
Patent Number:	6381036
Patent Number:	6041200
Application Number:	14490559
Application Number:	15238588
Application Number:	15597433
Application Number:	15918828
Application Number:	15936340
Patent Number:	10350911
Application Number:	15845988

**CORRESPONDENCE DATA****Fax Number:** 2028878242*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:** 2028874000**Email:** mbeyene@akingump.com,DC\_IPDocketing@akingump.com**Correspondent Name:** Mussie Beyene**Address Line 1:** AKIN GUMP STRAUSS HAUER & FELD LLP**Address Line 2:** 2001 K Street N.W.**Address Line 4:** Washington, DISTRICT OF COLUMBIA 20006**ATTORNEY DOCKET NUMBER:** 107719.0001**NAME OF SUBMITTER:** MUSSIE BEYENE**SIGNATURE:** /MUSSIE BEYENE/**DATE SIGNED:** 02/03/2025**Total Attachments: 30**

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**ASSIGNMENT OF  
SECURITY INTEREST IN PATENTS**

**THIS ASSIGNMENT OF SECURITY INTEREST IN PATENTS** (this “Assignment”) is made and entered into as of January 31, 2024 by ROYAL BANK OF CANADA, as the resigning collateral agent for the Secured Parties (in such capacity, the “Resigning Collateral Agent”), in favor of GLAS USA LLC, as the successor collateral agent (in such capacity, together with its successors and assigns in such capacity, the “Successor Collateral Agent”).

**W I T N E S S E T H**

WHEREAS, the Resigning Collateral Agent is party to that certain First Lien Security Agreement, dated as of July 23, 2019 (as amended, restated, amended and restated, supplemented or otherwise modified from time to time, the “Security Agreement”), among ELECTRONICS FOR IMAGING, INC., a Delaware corporation (“EFI”), the other grantors party thereto, and the Resigning Collateral Agent, pursuant to which the Patent Security Agreements referred to below were executed;

WHEREAS, pursuant to (i) the Security Agreement, (ii) the Grant of Security Interest in Patent Rights, dated as of July 23, 2019 (as amended, restated, amended and restated, supplemented or otherwise modified from time to time, the “Original Patent Security Agreement”), made by EFI (the “Grantor”) in favor of the Resigning Collateral Agent, which was recorded at the United States Patent and Trademark Office (the “USPTO”) on July 23, 2019, at Reel 049840/Frame 0799, (iii) the Grant of Security Interest in Patent Rights, dated as of March 7, 2024 (as amended, restated, amended and restated, supplemented or otherwise modified from time to time, the “First Supplemental Patent Security Agreement”), made by the Grantor in favor of the Resigning Collateral Agent, which was recorded at the USPTO on March 8, 2024, at Reel 066771/Frame 0475, and (iii) the Grant of Security Interest in Patent Rights, dated as of March 14, 2024 (as amended, restated, amended and restated, supplemented or otherwise modified from time to time, the “Second Supplemental Patent Security Agreement”), made by the Grantor in favor of the Resigning Collateral Agent, which was recorded at the USPTO on March 14, 2024, at Reel 066772/Frame 0849, and (iv) the Grant of Security Interest in Patent Rights, dated as of January 27, 2025, (as amended, restated, amended and restated, supplemented or otherwise modified from time to time, the “Third Supplemental Patent Security Agreement”, and together with the Original Patent Security Agreement, the First Supplemental Patent Security Agreement and the Second Supplemental Patent Security Agreement, the “Patent Security Agreements”), made by the Grantor in favor of the Resigning Collateral Agent, which was recorded at the USPTO on January 27, 2025, at Reel 070023/Frame 0178, the Grantor granted to the Resigning Collateral Agent a continuing security interest in, and lien on, all of its right, title and interest in, to and under the Collateral (as such term is defined in the Patent Security Agreements), including, without limitation, the registrations and assignments set forth on Schedule I hereto;

WHEREAS, pursuant to that certain Resignation, Appointment and Acceptance Agreement, dated as of January 31, 2025 (as amended, restated, amended and restated, supplemented or otherwise modified from time to time, the “Successor Agent Agreement”), the Successor Collateral Agent has succeeded to and become vested with all of the rights, powers,

privileges and duties of the Resigning Collateral Agent under the Security Agreement and the Patent Security Agreements; and

WHEREAS, the Resigning Collateral Agent and the Successor Collateral Agent desire to enter into this Assignment to evidence the assignment by the Resigning Collateral Agent to the Successor Collateral Agent of all of the Resigning Collateral Agent's right, title and interest in, to and under the Patent Security Agreements, including, without limitation, the Resigning Collateral Agent's security interest in, and lien on, the Collateral.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Resigning Collateral Agent and the Successor Collateral Agent hereby covenant and agree as follows:


1. Terms. Capitalized terms used in this Assignment and not otherwise defined herein shall have the meanings specified in the Security Agreement and the Patent Security Agreements, as applicable.
2. Assignment. The Resigning Collateral Agent, without representation or warranty, hereby transfers, assigns, grants and conveys to the Successor Collateral Agent for the benefit of the Secured Parties all of its right, title and interest in, to and under the Patent Security Agreements, including, without limitation, its security interest in, and lien on, the Collateral, and the Successor Collateral Agent hereby accepts and assumes the foregoing assignment and all of such right, title, interest, security interests and liens. This Assignment is being executed and delivered in accordance with and shall be governed by the Credit Agreement, the Security Agreement, and the Successor Agent Agreement.
3. Recordation. Effective upon the date first written above, the Resigning Collateral Agent authorizes and requests that the USPTO and any other applicable governmental entity or registrar record the Successor Collateral Agent as the successor collateral agent for the Secured Parties in the Collateral.
4. Governing Law. SECTION 13.12 (*GOVERNING LAW*) AND SECTION 13.13 (*SUBMISSION TO JURISDICTION; WAIVERS*) OF THE CREDIT AGREEMENT ARE HEREIN INCORPORATED BY REFERENCE, MUTATIS MUTANDIS.
5. Counterparts. This Assignment may be executed in any number of counterparts and by different parties in separate counterparts, each of which when so executed shall be deemed to be an original and all of which taken together shall constitute one and the same agreement. Delivery of an executed counterpart of a signature page to this Assignment by facsimile transmission or electronic mail shall be as effective as delivery of a manually executed counterpart of this Assignment.

*[remainder of page intentionally left blank]*

IN WITNESS WHEREOF, the parties hereto have executed this Assignment as of the date above first written.

**THE RESIGNING COLLATERAL AGENT:**

**ROYAL BANK OF CANADA**  
as the Resigning Collateral Agent

By:  \_\_\_\_\_

Name: Sean Ekanayaka  
Title: Deal Manager

**ACCEPTED AND AGREED**  
as of the date above first written:

**THE SUCCESSOR COLLATERAL AGENT:**

**GLAS USA LLC**  
as the Successor Collateral Agent



Tarik Johnson (03.2025 97:58 PST)

By: \_\_\_\_\_  
Name: Tarik Johnson  
Title: Assistant Vice President

[Signature Page to Assignment of Security Interest in Patents]

**PATENT**  
**REEL: 070097 FRAME: 0823**

Schedule I

*Attached.*

Pat./ Pub./ Appl No.	Issue / Pub. / App. Date	Title	Current Owner
8192010 20110141189 13/030368	06-05-2012 06-16-2011 02-18-2011	METALLIC INK JET PRINTING SYSTEM FOR GRAPHICS APPLICATIONS	ELECTRONICS FOR IMAGING, INC.
8317311 20110169888 13/030388	11-27-2012 07-14-2011 02-18-2011	METALLIC INK JET PRINTING SYSTEM FOR GRAPHICS APPLICATIONS	ELECTRONICS FOR IMAGING, INC.
8430498 20120244317 13/488173	04-30-2013 09-27-2012 06-04-2012	METALLIC INK JET PRINTING SYSTEM AND METHOD FOR GRAPHICS APPLICATIONS	ELECTRONICS FOR IMAGING, INC.
8740367 20130083119 13/685521	06-03-2014 04-04-2013 11-26-2012	METALLIC INK JET PRINTING SYSTEM FOR GRAPHICS APPLICATIONS	ELECTRONICS FOR IMAGING, INC.
8814346 20130242016 13/873036	08-26-2014 09-19-2013 04-29-2013	METALLIC INK JET PRINTING SYSTEM AND METHOD FOR GRAPHICS APPLICATIONS	ELECTRONICS FOR IMAGING, INC.
7891799 20070076069 11/519432	02-22-2011 04-05-2007 09-12-2006	METALLIC INK JET PRINTING SYSTEM FOR GRAPHICS APPLICATIONS	ELECTRONICS FOR IMAGING, INC.
6572293 09/661968	06-03-2003 09-14-2000	SIMPLE AND INEXPENSIVE HIGH- CAPACITY OUTPUT CATCH TRAY FOR DOCUMENT PRODUCTION MACHINES	ELECTRONICS FOR IMAGING, INC.
6832865 20030185614 10/404942	12-21-2004 10-02-2003 03-31-2003	SIMPLE AND INEXPENSIVE HIGH- CAPACITY OUTPUT CATCH TRAY FOR DOCUMENT PRODUCTION MACHINES	ELECTRONICS FOR IMAGING, INC.
7204484 20050062221 10/983431	04-17-2007 03-24-2005 11-08-2004	SIMPLE AND INEXPENSIVE HIGH- CAPACITY OUTPUT CATCH TRAY FOR DOCUMENT PRODUCTION MACHINES	ELECTRONICS FOR IMAGING, INC.
7367559 20070085264 11/557762	05-06-2008 04-19-2007 11-08-2006	SIMPLE AND INEXPENSIVE HIGH- CAPACITY OUTPUT CATCH TRAY FOR DOCUMENT PRODUCTION MACHINES	ELECTRONICS FOR IMAGING, INC.
7552923 20080211170 12/115480	06-30-2009 09-04-2008 05-05-2008	SIMPLE AND INEXPENSIVE HIGH CAPACITY OUTPUT CATCH TRAY FOR DOCUMENT PRODUCTION MACHINES	ELECTRONICS FOR IMAGING, INC.
6748471 09/688567	06-08-2004 10-16-2000	METHODS AND APPARATUS FOR REQUESTING AND RECEIVING A PRINT JOB VIA A PRINTER POLLING DEVICE ASSOCIATED WITH A PRINTER	ELECTRONICS FOR IMAGING, INC.
7093046 20040148335 10/753634	08-15-2006 07-29-2004 01-07-2004	METHODS AND APPARATUS FOR SECURELY REQUESTING AND RECEIVING A PRINT JOB VIA A PRINTER POLLING DEVICE ASSOCIATED WITH A PRINTER	ELECTRONICS FOR IMAGING, INC.
7574545 20050005047 10/896336	08-11-2009 01-06-2005 07-21-2004	METHOD AND APPARATUS FOR CONTROLLING A DOCUMENT OUTPUT DEVICE WITH A CONTROL REQUEST STORED AT A SERVER	ELECTRONICS FOR IMAGING, INC.
7343438 20060238805 11/428614	03-11-2008 10-26-2006 07-05-2006	METHODS AND APPARATUS FOR REQUESTING AND RECEIVING A PRINT JOB VIA A POLLING DEVICE ASSOCIATED WITH A PRINTER	ELECTRONICS FOR IMAGING, INC.
7574546 20080155152 12/044996	08-11-2009 06-26-2008 03-09-2008	METHODS AND APPARATUS FOR REQUESTING AND RECEIVING A PRINT JOB AT A PRINTER	ELECTRONICS FOR IMAGING, INC.



Pat./ Pub./ Appl No.	Issue / Pub. / App. Date	Title	Current Owner
9952539 20140087079 13/629298	04-24-2018 03-27-2014 09-27-2012	METHOD AND APPARATUS FOR VARIABLE GLOSS REDUCTION	ELECTRONICS FOR IMAGING, INC.
10114307 20140086610 14/054711 16/173339	10-30-2018 03-27-2014 10-15-2013 10-29-2018	METHOD AND APPARATUS FOR VARIABLE GLOSS REDUCTION	ELECTRONICS FOR IMAGING, INC.
16/432799	06-05-2019		
16/432800	06-05-2019		
6962449 20040265026 10/610128	11-08-2005 12-30-2004 06-30-2003	METHODS AND APPARATUS FOR MEDIA SELECTION IN CLUSTER PRINTING SYSTEMS	ELECTRONICS FOR IMAGING, INC.
6974269 20050063750 10/980530	12-13-2005 03-24-2005 11-03-2004	METHODS AND APPARATUS FOR MEDIA SELECTION IN CLUSTER PRINTING SYSTEMS	ELECTRONICS FOR IMAGING, INC.
7229225 20060088354 11/299435	06-12-2007 04-27-2006 12-12-2005	METHODS AND APPARATUS FOR MEDIA SELECTION IN CLUSTER PRINTING SYSTEMS	ELECTRONICS FOR IMAGING, INC.
7648293 20070189827 11/736466	01-19-2010 08-16-2007 04-17-2007	METHODS AND APPARATUS FOR MEDIA SELECTION IN CLUSTER PRINTING SYSTEMS	ELECTRONICS FOR IMAGING, INC.
8408676 20120206517 13/453910	04-02-2013 08-16-2012 04-23-2012	INK JET PRINTER	ELECTRONICS FOR IMAGING, INC.
8882243 20130229453 13/854762	11-11-2014 09-05-2013 04-01-2013	INK JET PRINTER	ELECTRONICS FOR IMAGING, INC.
7828412 20080062213 11/851876	11-09-2010 03-13-2008 09-07-2007	INK JET PRINTER	ELECTRONICS FOR IMAGING, INC.
8162437 20110037807 12/913617	04-24-2012 02-17-2011 10-27-2010	INK JET PRINTER	ELECTRONICS FOR IMAGING, INC.
6825943 09/438228	11-30-2004 11-12-1999	METHOD AND APPARATUS TO PERMIT EFFICIENT MULTIPLE PARALLEL IMAGE PROCESSING OF LARGE JOBS	ELECTRONICS FOR IMAGING, INC.
7099027 09/861021	08-29-2006 05-18-2001	METHOD AND APPARATUS FOR DISTRIBUTING PRINT JOBS	ELECTRONICS FOR IMAGING, INC.
7233409 20060139679 11/358770	06-19-2007 06-29-2006 02-21-2006	APPARATUS AND METHODS FOR DISTRIBUTING PRINT JOBS	ELECTRONICS FOR IMAGING, INC.
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8459778 20130050339 13/218296	06-11-2013 02-28-2013 08-25-2011	REDUCED GLOSS BANDING THROUGH LOW INK VOLUME DEPOSITION PER PRINT PASS	ELECTRONICS FOR IMAGING, INC.
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8780152 20130271549 13/913279	07-15-2014 10-17-2013 06-07-2013	METHOD AND APPARATUS FOR THERMAL EXPANSION BASED PRINT HEAD ALIGNMENT	ELECTRONICS FOR IMAGING, INC.
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8107122 20110075182 12/959171	01-31-2012 03-31-2011 12-02-2010	METHODS AND APPARATUS FOR PRINT JOB SUBMISSION	ELECTRONICS FOR IMAGING, INC.
9822271 20160017161 14/333464	11-21-2017 01-21-2016 07-16-2014	CERAMIC INKJET INK FOR RED DECORATION	ELECTRONICS FOR IMAGING, INC.
20180072906 15/818484	03-15-2018 11-20-2017	CERAMIC INKJET INK FOR RED DECORATION	ELECTRONICS FOR IMAGING, INC.
7889361 20060082793 10/966612	02-15-2011 04-20-2006 10-15-2004	METHODS AND APPARATUS FOR ADAPTIVE IMPOSITION TEMPLATES	ELECTRONICS FOR IMAGING, INC.



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8976407 20110164259 12/985937	03-10-2015 07-07-2011 01-06-2011	Methods and Apparatus for Adaptive Imposition Templates	ELECTRONICS FOR IMAGING, INC.
10000075 20160297210 15/093678	06-19-2018 10-13-2016 04-07-2016	MULTILAYER IMAGING WITH A HIGH-GLOSS CLEAR INK LAYER	ELECTRONICS FOR IMAGING, INC.
20180304647 16/011306	10-25-2018 06-18-2018	MULTILAYER IMAGING WITH A HIGH-GLOSS CLEAR INK LAYER	ELECTRONICS FOR IMAGING, INC.
7081969 09/693518	07-25-2006 10-19-2000	AUTOMATIC PRINT LOAD BALANCING	ELECTRONICS FOR IMAGING, INC.
6519053 09/693695	02-11-2003 10-19-2000	METHOD AND APPARATUS FOR SMART JOB TICKET PROCESSING FOR PRINT STREAMS	ELECTRONICS FOR IMAGING, INC.
20170342281 15/472630	11-30-2017 03-29-2017	LOW ODOR RADIATION CURABLE INK COMPOSITIONS	ELECTRONICS FOR IMAGING, INC.
20170342284 15/603880	11-30-2017 05-24-2017	SINGLE PASS PRINTING OF WHITE ON CORRUGATED BOARD	ELECTRONICS FOR IMAGING, INC.
7673965 20070296757 11/425867	03-09-2010 12-27-2007 06-22-2006	APPARATUS AND METHODS FOR FULL-WIDTH WIDE FORMAT INKJET PRINTING	ELECTRONICS FOR IMAGING, INC.
8172363 20100073424 12/628853	05-08-2012 03-25-2010 12-01-2009	APPARATUS AND METHODS FOR FULL-WIDTH WIDE FORMAT INKJET PRINTING	ELECTRONICS FOR IMAGING, INC.
8243326 20080062442 11/530793	08-14-2012 03-13-2008 09-11-2006	METHODS AND APPARATUS FOR COLOR PROFILE EDITING	ELECTRONICS FOR IMAGING, INC.
8013871 20080062443 11/557909	09-06-2011 03-13-2008 11-08-2006	APPARATUS AND METHODS FOR SELECTIVE COLOR EDITING OF COLOR PROFILES	ELECTRONICS FOR IMAGING, INC.
10265978 20170341435 15/491831	04-23-2019 11-30-2017 04-19-2017	Printer Band Edge Hold Down Systems	ELECTRONICS FOR IMAGING, INC.
16/387828	04-18-2019		
10326915 20170126932 15/150184	06-18-2019 05-04-2017 05-09-2016	METHOD AND APPARATUS FOR COLOR PRINT MANAGEMENT	ELECTRONICS FOR IMAGING, INC.
16/443489	06-17-2019		
10300723 20180099516 15/291016	05-28-2019 04-12-2018 10-11-2016	SYSTEMS AND METHODS FOR DETERMINING PRINTING CONDITIONS BASED ON SAMPLES OF IMAGES PRINTED BY SHUTTLE-BASED PRINTERS	ELECTRONICS FOR IMAGING, INC.
16/421287	05-23-2019		
7212312 20020054384 09/976880	05-01-2007 05-09-2002 10-11-2001	AUTOMATIC SCANNER CALIBRATION	ELECTRONICS FOR IMAGING, INC.
9335157 20160102967 14/514220	05-10-2016 04-14-2016 10-14-2014	DIFFERENTIAL LIGHTING	ELECTRONICS FOR IMAGING, INC.
6550991 20020136579 09/814455	04-22-2003 09-26-2002 03-22-2001	PAPER TRAY ADJUSTMENT PAGE	ELECTRONICS FOR IMAGING, INC.

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9786094 20130241930 13/738776	10-10-2017 09-19-2013 01-10-2013	METHOD AND APPARATUS FOR CREATING A DIMENSIONAL LAYER FOR AN IMAGE FILE	ELECTRONICS FOR IMAGING, INC.
7653683 20050216483 10/808910	01-26-2010 09-29-2005 03-24-2004	SYSTEMS FOR PROVIDING INFORMATION ACCESS TO NETWORK DEVICES	ELECTRONICS FOR IMAGING, INC.
7528974 20040185882 10/377193	05-05-2009 09-23-2004 02-28-2003	METHODS AND APPARATUS FOR PROVIDING UNIVERSAL PRINT SERVICES AND ASYNCHRONOUS MESSAGE SERVICES	ELECTRONICS FOR IMAGING, INC.
6786578 10/100281	09-07-2004 03-15-2002	MULTI-COLOR, MULTI-SPEED PRINTING APPARATUS	ELECTRONICS FOR IMAGING, INC.
9540531 20160312052 14/958176	01-10-2017 10-27-2016 12-03-2015	RADIATION CURABLE INK COMPOSITIONS	ELECTRONICS FOR IMAGING, INC.
6753845 09/705407	06-22-2004 11-03-2000	METHODS AND APPARATUS FOR ADDRESSING PIXELS IN A DISPLAY	ELECTRONICS FOR IMAGING, INC.
6816276 20020163664 09/803395	11-09-2004 11-07-2002 03-08-2001	EFFICIENTLY SCHEDULED MULTIPLE RASTER IMAGE PROCESSORS	ELECTRONICS FOR IMAGING, INC.
7688486 20050243335 10/836070	03-30-2010 11-03-2005 04-30-2004	METHODS AND APPARATUS FOR PROFILING COLOR OUTPUT DEVICES	ELECTRONICS FOR IMAGING, INC.
9079402 20140071201 14/023355	07-14-2015 03-13-2014 09-10-2013	PRINTER HAVING A GLOBAL SKEW ADJUSTMENT AND A PRINT HEAD ASSEMBLY HAVING AN ADJUSTMENT MECHANISM	ELECTRONICS FOR IMAGING, INC.
7742204 20050243336 10/836071	06-22-2010 11-03-2005 04-30-2004	METHODS AND APPARATUS FOR DETERMINING A TOTAL COLORANT LIMIT FOR DIGITAL IMAGING DEVICES	ELECTRONICS FOR IMAGING, INC.
8922818 20140293320 13/851025	12-30-2014 10-02-2014 03-26-2013	MOBILE PRINT EMAIL REPLY WITH THUMBNAILS	ELECTRONICS FOR IMAGING, INC.
7630106 20050243337 10/836072	12-08-2009 11-03-2005 04-30-2004	METHODS AND APPARATUS FOR DETERMINING COLORANT LIMITS FOR CALIBRATING DIGITAL IMAGING DEVICES	ELECTRONICS FOR IMAGING, INC.
7431436 10/706870	10-07-2008 11-12-2003	IDENTIFICATION SYSTEM FOR INKS IN PRINTING SYSTEMS	ELECTRONICS FOR IMAGING, INC.
7724392 20050243339 10/836177	05-25-2010 11-03-2005 04-30-2004	METHODS AND APPARATUS FOR CALIBRATING DIGITAL IMAGING DEVICES	ELECTRONICS FOR IMAGING, INC.
7248752 20050047680 10/650279	07-24-2007 03-03-2005 08-27-2003	METHODS AND APPARATUS FOR CONVERTING THE RESOLUTION OF BINARY IMAGE DATA	ELECTRONICS FOR IMAGING, INC.
7688458 20050248804 10/840569	03-30-2010 11-10-2005 05-05-2004	METHODS AND APPARATUS FOR PRINT WORKFLOW PROCESSING	ELECTRONICS FOR IMAGING, INC.

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9790388 20170107388 14/887188	10-17-2017 04-20-2017 10-19-2015	RADIATION-CURABLE INKJET INK FOR APPLICATION TO GLASS, CERAMIC, OR METAL	ELECTRONICS FOR IMAGING, INC.
7506253 20050262438 10/850644	03-17-2009 11-24-2005 05-21-2004	METHODS AND APPARATUS FOR RECORDING WEB INFORMATION	ELECTRONICS FOR IMAGING, INC.
20180022112 15/636320	01-25-2018 06-28-2017	NOZZLE COMPENSATION FOR SHUTTLE BASED PRINTERS	ELECTRONICS FOR IMAGING, INC.
6660103 10/112092	12-09-2003 03-28-2002	CLEANING PROCESS FOR INK JET PRINTHEADS	ELECTRONICS FOR IMAGING, INC.
20180085962 15/831037	03-29-2018 12-04-2017	SYSTEMS AND METHODS FOR MINIMIZING A TOTAL NUMBER OF CUTS TO SEPARATE MEDIA INSTANCES IMAGED ONTO A MEDIA SHEET	Rohan John Holt James Michael McBride
6978299 09/688458	12-20-2005 10-16-2000	PRINT DRIVER APPARATUS AND METHODS FOR FORWARDING A PRINT JOB OVER A NETWORK	ELECTRONICS FOR IMAGING, INC.
9227428 20130335757 13/600015	01-05-2016 12-19-2013 08-30-2012	SIMULATED EMBOSsing AND IMPRINTING	ELECTRONICS FOR IMAGING, INC.
20190043237 16/159510	02-07-2019 10-12-2018	PROCESS FOR GENERATING IMAGES WITH REALISTIC MODIFICATIONS	ELECTRONICS FOR IMAGING, INC.
9417829 20140085665 13/756351	08-16-2016 03-27-2014 01-31-2013	PRODUCTION PLANNING AND MONITORING IN INKJET DEVICES	ELECTRONICS FOR IMAGING, INC.
7738710 20060023953 10/909713	06-15-2010 02-02-2006 08-02-2004	METHODS AND APPARATUS FOR COMMUNICATING AND DISPLAYING COMPRESSED IMAGE DATA	ELECTRONICS FOR IMAGING, INC.
9049403 20140211267 13/753446	06-02-2015 07-31-2014 01-29-2013	METHOD AND APPARATUS FOR HIGH QUALITY PRINTING OF NON- SATURATED COLORED TEXT AND LINES	ELECTRONICS FOR IMAGING, INC.
6679640 20020157555 10/058979	01-20-2004 10-31-2002 01-28-2002	PRINTING SYSTEM WEB GUIDE COUPLING ASSEMBLY	ELECTRONICS FOR IMAGING, INC.
9085161 20140362149 13/913293	07-21-2015 12-11-2014 06-07-2013	SYSTEMS, STRUCTURES AND ASSOCIATED PROCESSES FOR INLINE ULTRASONICATION OF INK FOR PRINTING	ELECTRONICS FOR IMAGING, INC.
6637958 20020159808 10/055614	10-28-2003 10-31-2002 10-29-2001	PRINTING SYSTEM WITH ADJUSTABLE CARRIAGE RAIL SUPPORT	ELECTRONICS FOR IMAGING, INC.
7177049 20030193680 10/428503	02-13-2007 10-16-2003 05-02-2003	IMAGE RECONSTRUCTION ARCHITECTURE	ELECTRONICS FOR IMAGING, INC.
6616355 20020159815 10/055630	09-09-2003 10-31-2002 10-29-2001	PRINTING SYSTEM FOR ACCOMMODATING VARIOUS SUBSTRATE THICKNESSES	ELECTRONICS FOR IMAGING, INC.

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20190100030 16/151110	04-04-2019 10-03-2018	FABRIC PRINTING ON NESTED PATTERNS, AND ASSOCIATED PRINT SYSTEMS AND PRODUCTS THEREOF	ELECTRONICS FOR IMAGING, INC.
20170182807 15/455038	06-29-2017 03-09-2017	COMPENSATED LASER CUTTING OF LABELS	ELECTRONICS FOR IMAGING, INC.
6539323 20020165684 09/849282	03-25-2003 11-07-2002 05-04-2001	METHODS AND APPARATUS FOR CORRECTING SPECTRAL COLOR MEASUREMENTS	ELECTRONICS FOR IMAGING, INC.
9630425 20160311231 14/695856	04-25-2017 10-27-2016 04-24-2015	Method and Apparatus for Creating 3D Effects with Ceramic Inkjet Inks	ELECTRONICS FOR IMAGING, INC.
7919543 20070043145 11/353754	04-05-2011 02-22-2007 02-14-2006	INKJET INKS, METHODS FOR APPLYING INKJET INK, AND ARTICLES PRINTED WITH INKJET INKS	ELECTRONICS FOR IMAGING, INC.
9909023 20160376454 15/181308	03-06-2018 12-29-2016 06-13-2016	INKJET INK FOR CERAMIC TILE DECORATION	ELECTRONICS FOR IMAGING, INC.
6490696 09/464226	12-03-2002 12-15-1999	SYSTEM AND METHOD FOR PRINTER OUTPUT REGRESSION TESTING USING DISPLAY LISTS	ELECTRONICS FOR IMAGING, INC.
9994053 20170253063 15/142889	06-12-2018 09-07-2017 04-29-2016	ACHIEVING INK COST SAVING FOR PRINTING DEVICES BY TAKING VISUAL APPEARANCE AND REAL INK COSTS INTO ACCOUNT	ELECTRONICS FOR IMAGING, INC.
6857803 20020168206 10/058813	02-22-2005 11-14-2002 01-28-2002	PRINTING SYSTEM WEB GUIDE WITH A REMOVABLE PLATEN	ELECTRONICS FOR IMAGING, INC.
7064153 20050119365 10/944956	06-20-2006 06-02-2005 09-20-2004	UV CURE INK JET INK WITH LOW MONOFUNCTIONAL MONOMER CONTENT	ELECTRONICS FOR IMAGING, INC.
7598964 20080062193 11/530825	10-06-2009 03-13-2008 09-11-2006	APPARATUS AND METHODS FOR EDITING HUE AND SATURATION IN COLOR PROFILES	ELECTRONICS FOR IMAGING, INC.
20180086931 15/715965	03-29-2018 09-26-2017	Inkjet Decoration of Architectural Materials	ELECTRONICS FOR IMAGING, INC.
6369895 09/505642	04-09-2002 02-16-2000	Color measurement instrument with asymmetric tapered sample area optical enclosure	ELECTRONICS FOR IMAGING, INC.
9458334 14/789913	10-04-2016 07-01-2015	AQUEOUS RADIATION CURABLE INK COMPOSITION	ELECTRONICS FOR IMAGING, INC.
6778700 20030026480 09/808791	08-17-2004 02-06-2003 03-14-2001	METHOD AND APPARATUS FOR TEXT DETECTION	ELECTRONICS FOR IMAGING, INC.

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8153195 20080063799 11/851832	04-10-2012 03-13-2008 09-07-2007	DOT SIZE CONTROLLING PRIMER COATING FOR RADIATION CURABLE INK JET INKS	ELECTRONICS FOR IMAGING, INC.
9079427 20130286060 13/459719	07-14-2015 10-31-2013 04-30-2012	STAGGERED ULTRA-VIOLET CURING SYSTEMS, STRUCTURES AND PROCESSES FOR INKJET PRINTING	ELECTRONICS FOR IMAGING, INC.
7770999 20080074460 11/862600	08-10-2010 03-27-2008 09-27-2007	SONIC LEAK TESTING ON INK DELIVERY SYSTEMS AND INK JET HEADS	ELECTRONICS FOR IMAGING, INC.
9862849 15/400024	01-09-2018 01-06-2017	ENERGY CURABLE FOAM INHIBITION INK	ELECTRONICS FOR IMAGING, INC.
8100507 20080074469 11/862613	01-24-2012 03-27-2008 09-27-2007	INDUSTRIAL INK JET PRINTER	ELECTRONICS FOR IMAGING, INC.
6636326 09/923587	10-21-2003 08-07-2001	PAGE SYNCHRONIZATION IN A COLOR PRINT SYSTEM	ELECTRONICS FOR IMAGING, INC.
7996806 20090199149 12/027146	08-09-2011 08-06-2009 02-06-2008	METHODS AND APPARATUS FOR LAYOUT OF MULTI-LAYER CIRCUIT SUBSTRATES	ELECTRONICS FOR IMAGING, INC.
6647149 20020085734 09/753816	11-11-2003 07-04-2002 01-03-2001	METHODS AND APPARATUS FOR SECURELY TRANSMITTING AND PROCESSING DIGITAL IMAGE DATA	ELECTRONICS FOR IMAGING, INC.
6543871 09/721548	04-08-2003 11-21-2000	MASK GENERATOR AND IMAGE MASK PATTERNS	ELECTRONICS FOR IMAGING, INC.
8861053 20140126001 13/667491	10-14-2014 05-08-2014 11-02-2012	METHOD AND APPARATUS FOR AUTOMATED GENERATION OF A WHITE INK SEPARATION OUT OF CMYK DATA OR RGB PRINT DATA	ELECTRONICS FOR IMAGING, INC.
6549300 20010046059 09/791111	04-15-2003 11-29-2001 02-22-2001	METHOD AND APPARATUS FOR TAB PRINTING	ELECTRONICS FOR IMAGING, INC.
9336465 20140268193 13/843768	05-10-2016 09-18-2014 03-15-2013	METHOD AND APPARATUS FOR COLOR PRINT MANAGEMENT	ELECTRONICS FOR IMAGING, INC.
10195874 20180029383 15/730062	02-05-2019 02-01-2018 10-11-2017	INERT UV INKJET PRINTING HAVING DUAL CURING MODES FOR ULTRAVIOLET-CURABLE INK	ELECTRONICS FOR IMAGING, INC.
9126420 20140354726 13/909854	09-08-2015 12-04-2014 06-04-2013	MULTI-LAYER PRINTING ON NON-WHITE BACKGROUNDS	ELECTRONICS FOR IMAGING, INC.
6741262 09/570678	05-25-2004 05-12-2000	EXPERT COLOR MANAGEMENT SETTINGS METHOD AND INTERFACE	ELECTRONICS FOR IMAGING, INC.
9232112 20150022832 13/945771	01-05-2016 01-22-2015 07-18-2013	METHOD AND APPARATUS FOR EFFECTING COLOR SEPARATION, COLOR VARIATION, COLOR	ELECTRONICS FOR IMAGING, INC.

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6874860 20030090539 10/281292	04-05-2005 05-15-2003 10-24-2002	MULTI-SPEED, MULTI-RESOLUTION PRINT HEADS	ELECTRONICS FOR IMAGING, INC.
8031363 20040190018 10/404972	10-04-2011 09-30-2004 03-31-2003	METHODS AND APPARATUS FOR DYNAMICALLY SOFT PROOFING HALFTONE IMAGES	ELECTRONICS FOR IMAGING, INC.
8889232 20110045199 12/544955	11-18-2014 02-24-2011 08-20-2009	RADIATION CURABLE INK COMPOSITIONS	ELECTRONICS FOR IMAGING, INC.
7587336 09/328983	09-08-2009 06-09-1999	ITERATIVE CONSTRAINT COLLECTION SCHEME FOR PREPARATION OF CUSTOM MANUFACTURING CONTRACTS	ELECTRONICS FOR IMAGING, INC. PRINTCAFE, INC.
6643317 09/513538	11-04-2003 02-25-2000	DIGITAL SPREAD SPECTRUM CIRCUIT	ELECTRONICS FOR IMAGING, INC.
7396864 20050032932 10/899267	07-08-2008 02-10-2005 07-26-2004	INK JET INK COMPOSITION AND METHOD OF PRINTING	ELECTRONICS FOR IMAGING, INC.
9158479 20140118775 13/876457	10-13-2015 05-01-2014 09-30-2011	Automated Printer's Dashboard	ELECTRONICS FOR IMAGING, INC.
9336473 20160078329 14/483657	05-10-2016 03-17-2016 09-11-2014	VIRTUAL INK CHANNELS	ELECTRONICS FOR IMAGING, INC.
9971551 20120105431 12/925945	05-15-2018 05-03-2012 11-01-2010	Previsualization for large format print jobs	ELECTRONICS FOR IMAGING, INC.
20160136982 14/548259	05-19-2016 11-19-2014	MULTI-LAYERED TEXTURED PRINTING	ELECTRONICS FOR IMAGING, INC.
8567936 20120113199 12/943843	10-29-2013 05-10-2012 11-10-2010	LED ROLL TO ROLL DRUM PRINTER SYSTEMS, STRUCTURES AND METHODS	ELECTRONICS FOR IMAGING, INC.
9764564 20160257135 14/641192	09-19-2017 09-08-2016 03-06-2015	LOW TEMPERATURE ENERGY CURABLE PRINTING SYSTEMS AND METHODS	ELECTRONICS FOR IMAGING, INC.
9891867 20120113459 13/100117	02-13-2018 05-10-2012 05-03-2011	PROTOCOL FOR INTERACTION BETWEEN WIRELESS DEVICES AND OTHER DEVICES	ELECTRONICS FOR IMAGING, INC.
6905189 10/440447	06-14-2005 05-16-2003	WET CAPPING TRAY FOR INK JET PRINTHEADS	ELECTRONICS FOR IMAGING, INC.
9487010 20120154473 12/968730	11-08-2016 06-21-2012 12-15-2010	InkJet Printer with Controlled Oxygen Levels	ELECTRONICS FOR IMAGING, INC.
10280318 20160312051 15/135341	05-07-2019 10-27-2016 04-21-2016	Monomers and Oligomers with Application in Energy Curing Chemistry	ELECTRONICS FOR IMAGING, INC.

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9718269 20160355009 14/731367	08-01-2017 12-08-2016 06-04-2015	MULTI-WAVEFORM INKJET NOZZLE CORRECTION	ELECTRONICS FOR IMAGING, INC.
8610932 20120188596 13/014620	12-17-2013 07-26-2012 01-26-2011	JOB BASED CALIBRATION, CALIBRATION GUARD, AND PROFILE ADVISOR	ELECTRONICS FOR IMAGING, INC.
20170036460 14/821043	02-09-2017 08-07-2015	Spot Gloss and Gloss Control in an Inkjet Printing System	ELECTRONICS FOR IMAGING, INC.
8553286 20120314261 13/490374	10-08-2013 12-13-2012 06-06-2012	HALFTONING METHOD AND APPARATUS USING TEMPLATES INDEXED BY CODE	ELECTRONICS FOR IMAGING, INC.
9925804 20170217167 15/190131	03-27-2018 08-03-2017 06-22-2016	PRINTING INDEPENDENT IMAGES BY SHARING PRINTER HEADS	ELECTRONICS FOR IMAGING, INC.
7495812 20060196378 10/511179	02-24-2009 09-07-2006 04-07-2003	PRINTING DEVICE USING COLOR PROFILE CALIBRATION AND METHOD FOR OPERATING A PRINTING DEVICE USING COLOR PROFILE CALIBRATION	ELECTRONICS FOR IMAGING, INC.
20170341425 15/604381	11-30-2017 05-24-2017	MULTIPLE ZONE PRINTER VACUUM TABLES, SYSTEMS AND METHODS	ELECTRONICS FOR IMAGING, INC.
8684511 20130050368 13/218233	04-01-2014 02-28-2013 08-25-2011	INK JET UV PINNING FOR CONTROL OF GLOSS	ELECTRONICS FOR IMAGING, INC.
7105585 20050146586 10/944943	09-12-2006 07-07-2005 09-20-2004	UV CURE INK JET INK FOR NONPOROUS SUBSTRATES	ELECTRONICS FOR IMAGING, INC.
8947702 20130070287 13/237785	02-03-2015 03-21-2013 09-20-2011	ENGINE OPTIMIZATION	ELECTRONICS FOR IMAGING, INC.
20170346992 15/605770	11-30-2017 05-25-2017	Interactive Three-Dimensional (3D) Color Histograms	ELECTRONICS FOR IMAGING, INC.
9420146 20130107291 13/286009	08-16-2016 05-02-2013 10-31-2011	METHOD AND APPARATUS FOR CONTROLLING THE COLOR ACCURACY OF DIGITAL PRINTING DEVICES AND ADAPTATION TO A PREVIOUSLY DEFINED STATE	ELECTRONICS FOR IMAGING, INC.
10179462 20180043701 15/599405	01-15-2019 02-15-2018 05-18-2017	GENERATION OF SPOT COLORS WITH REDUCED INK SUBSETS	ELECTRONICS FOR IMAGING, INC.
8810876 20130107292 13/286022	08-19-2014 05-02-2013 10-31-2011	DYNAMIC IMAGE GAMUT COMPRESSION BY PERFORMING CHROMA COMPRESSION WHILE KEEPING LIGHTNESS AND HUE ANGLE CONSTANT	ELECTRONICS FOR IMAGING, INC.
9195916 20150356381 14/296870	11-24-2015 12-10-2015 06-05-2014	COLOR PREDICTION FOR COLOR PRINTING	ELECTRONICS FOR IMAGING, INC.

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8833922 20130127960 13/302872	09-16-2014 05-23-2013 11-22-2011	PRINTING SYSTEM FOR APPLICATION OF A PATTERNED CLEAR LAYER FOR REDUCING GLOSS BANDING	ELECTRONICS FOR IMAGING, INC.
7562957 20060158473 11/334884	07-21-2009 07-20-2006 01-19-2006	METHODS AND APPARATUS FOR BACKLIT AND DUAL-SIDED IMAGING	ELECTRONICS FOR IMAGING, INC.
6757440 20020186891 10/198505	29-JUN-2004 12-DEC-2002 18-JUL-2002	METHODS AND APPARATUS FOR DATA COMPRESSION	ELECTRONICS FOR IMAGING, INC.
6327050 09/298639	12-04-2001 04-23-1999	PRINTING METHOD AND APPARATUS HAVING MULTIPLE RASTER IMAGE PROCESSORS	ELECTRONICS FOR IMAGING, INC.
6559958 20020060801 09/770856	05-06-2003 05-23-2002 01-26-2001	PRINTING METHOD AND APPARATUS HAVING MULTIPLE RASTER IMAGE PROCESSORS	ELECTRONICS FOR IMAGING, INC.
6879409 20030193683 10/430850	04-12-2005 10-16-2003 05-05-2003	PRINTING METHOD AND APPARATUS HAVING MULTIPLE RASTER IMAGE PROCESSORS	ELECTRONICS FOR IMAGING, INC.
7884962 20050237571 11/169131	02-08-2011 10-27-2005 06-27-2005	SYSTEMS AND METHODS FOR MULTIPLE RASTER IMAGE PROCESSING	ELECTRONICS FOR IMAGING, INC.
6930795 09/514465	08-16-2005 02-28-2000	PRINTING METHOD AND APPARATUS HAVING MULTIPLE RASTER IMAGE PROCESSORS	ELECTRONICS FOR IMAGING, INC.
6549294 20020015169 09/977097	04-15-2003 02-07-2002 10-11-2001	VARIABLE DATA PRINT JOB SYSTEM	ELECTRONICS FOR IMAGING, INC.
6836342 20030128393 10/375572	12-28-2004 07-10-2003 02-27-2003	VARIABLE DATA PRINT JOB SYSTEM	ELECTRONICS FOR IMAGING, INC.
7031015 20050094204 10/971512	04-18-2006 05-05-2005 10-22-2004	VARIABLE DATA PRINT JOB SYSTEM	ELECTRONICS FOR IMAGING, INC.
6341018 09/481736	01-22-2002 01-11-2000	PREPROCESSING METHOD FOR A VARIABLE DATA PRINT JOB SYSTEM	ELECTRONICS FOR IMAGING, INC.
6757436 20030076998 10/324796	06-29-2004 04-24-2003 12-19-2002	METHODS AND APPARATUS FOR DATA COMPRESSION BASED ON MODELING SCHEMES	ELECTRONICS FOR IMAGING, INC.
7460721 20060210179 11/381585	12-02-2008 09-21-2006 05-04-2006	METHODS AND APPARATUS FOR DATA COMPRESSION WITH A HYBRID CONTEXT	ELECTRONICS FOR IMAGING, INC.
6590676 09/314573	07-08-2003 05-18-1999	IMAGE RECONSTRUCTION ARCHITECTURE	ELECTRONICS FOR IMAGING, INC.
7564583 20070133025 11/674534	07-21-2009 06-14-2007 02-13-2007	METHODS AND APPARATUS FOR RECONSTRUCTING DIGITIZED IMAGES	ELECTRONICS FOR IMAGING, INC.
7684085 20090003721 12/204732	03-23-2010 01-01-2009 09-04-2008	METHODS AND APPARATUS FOR RECONSTRUCTING DIGITIZED IMAGES	ELECTRONICS FOR IMAGING, INC.
6292270 09/267751	09-18-2001 03-10-1999	SOFTWARE VALIDATION METHOD AND SYSTEM	ELECTRONICS FOR IMAGING, INC.
6552815 20010046061 09/919645	04-22-2003 11-29-2001 07-31-2001	SOFTWARE VALIDATION METHOD AND SYSTEM	ELECTRONICS FOR IMAGING, INC.



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6327047 09/235642	12-04-2001 01-22-1999	AUTOMATIC SCANNER CALIBRATION	ELECTRONICS FOR IMAGING, INC.
7812999 20070201112 11/742367	10-12-2010 08-30-2007 04-30-2007	METHODS AND APPARATUS FOR AUTOMATIC SCANNER CALIBRATION	ELECTRONICS FOR IMAGING, INC.
7304753 09/267223	12-04-2007 03-11-1999	Systems for print job monitoring	ELECTRONICS FOR IMAGING, INC.
7800773 20080074698 11/949681	09-21-2010 03-27-2008 12-03-2007	METHODS FOR PRINT JOB MONITORING	ELECTRONICS FOR IMAGING, INC.
6678068 09/267093	01-13-2004 03-11-1999	CLIENT PRINT SERVER LINK FOR OUTPUT PERIPHERAL DEVICE	ELECTRONICS FOR IMAGING, INC.
6025922 09/216333	02-15-2000 12-18-1998	REDUCTION OF BANDING IN PRINTED IMAGES	ELECTRONICS FOR IMAGING, INC.
6215562 09/215575	04-10-2001 12-16-1998	VISUAL CALIBRATION	ELECTRONICS FOR IMAGING, INC.
6201614 09/220324	03-13-2001 12-24-1998	DITHERED IMAGE COMPRESSION SYSTEM	ELECTRONICS FOR IMAGING, INC.
6289122 09/293637	09-11-2001 04-15-1999	INTELLIGENT DETECTION OF TEXT ON A PAGE	ELECTRONICS FOR IMAGING, INC.
6856428 09/329656	02-15-2005 06-10-1999	BLACK TEXT PRINTING FROM PAGE DESCRIPTION LANGUAGES	ELECTRONICS FOR IMAGING, INC.
6226419 09/258386	05-01-2001 02-26-1999	AUTOMATIC MARGIN ALIGNMENT USING A DIGITAL DOCUMENT PROCESSOR	ELECTRONICS FOR IMAGING, INC.
6112665 09/262571	09-05-2000 03-04-1999	METHOD AND COMPUTER GENERATED SWATCH CARDS FOR MATCHING COLORS	ELECTRONICS FOR IMAGING, INC.
6546364 09/216355	04-08-2003 12-18-1998	METHOD AND APPARATUS FOR CREATING ADAPTIVE WORKFLOWS	ELECTRONICS FOR IMAGING, INC.
6662199 09/718788	12-09-2003 11-22-2000	METHOD AND APPARATUS FOR CUSTOMIZED HOSTED APPLICATIONS	ELECTRONICS FOR IMAGING, INC. PRINTCAFE, INC. PRINTCAFE SYSTEMS, INC.
6381036 09/327386	04-30-2002 06-07-1999	METHOD FOR DETERMINING PRINTER COLORANT LEVELS	ELECTRONICS FOR IMAGING, INC.
6041200 09/264287	03-21-2000 03-08-1999	METHOD AND APPARATUS FOR SPLIT PRINTING OF COLOR AND MONOCHROME DOCUMENTS	ELECTRONICS FOR IMAGING, INC.
20160083596 14/490559	03-24-2016 09-18-2014	LED CURABLE INKJET INKS HAVING UV ABSORBERS, AND ASSOCIATED SYSTEMS AND PROCESSES	ELECTRONICS FOR IMAGING, INC.

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20180057703 15/238588	03-01-2018 08-16-2016	UV CURABLE INKJET INK COMPOSITIONS	ELECTRONICS FOR IMAGING, INC.
20170341443 15/597433	11-30-2017 05-17-2017	Replication Alignment of Components for Use in Inkjet Printing Applications	ELECTRONICS FOR IMAGING, INC.
15/918828	03-12-2018		
15/936,340	03-26-2018		
20170021639 15/090,515	01-26-2017 04-04-2016	METHOD AND COMPOSITION FOR INK JET PRINTING ON A NONABSORBENT SUBSTRATE	Electronics for Imaging, Inc.
10350911 20190001706 15/883,032	07-16-2019 01-03-2019 01-29-2018	Selective Ink Cure	ELECTRONICS FOR IMAGING, INC.
20180345659 15/603,304	12/06/2018 05/23/2017	INTEGRATION OF A LINE-SCAN CAMERA ON A SINGLE PASS INKJET PRINTER	ELECTRONICS FOR IMAGING, INC.

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11660892 16/421287	05-30-2023 05-23-2019	SYSTEMS AND METHODS FOR DETERMINING PRINTING CONDITIONS BASED ON SAMPLES OF IMAGES PRINTED BY SHUTTLE-BASED PRINTERS	ELECTRONICS FOR IMAGING, INC.
8121338 10886775	2012-02-21 2004-07-07	PROCESS FOR GENERATING IMAGES WITH REALISTIC TEXT INSERTION	ELECTRONICS FOR IMAGING, INC.
10836195 16154525	2020-11-17 2018-10-08	INKJET PROCESS FOR THREE-DIMENSIONAL RELIEF ON TILES	ELECTRONICS FOR IMAGING, INC.
10974517 16162077	2021-04-13 2018-10-16	HIGH STABILITY INK DELIVERY SYSTEMS, AND ASSOCIATED PRINT SYSTEMS AND METHODS	ELECTRONICS FOR IMAGING, INC.
10532577 16182795	2020-01-14 2018-11-07	UNITARY INK TANK FOR PRINTER SYSTEM	ELECTRONICS FOR IMAGING, INC.
10913294 16411982	2021-02-09 2019-05-14	PRINTING SYSTEMS AND ASSOCIATED STRUCTURES AND METHODS HAVING INK DROP DEFLECTION COMPENSATION	ELECTRONICS FOR IMAGING, INC.
10913285 16460426	2021-02-09 2019-07-02	MULTI-COLOR MULTI-SPEED PRINTING APPARATUS WITH CIRCULATION	ELECTRONICS FOR IMAGING, INC.
10846574 16510572	2020-11-24 2019-07-12	VARIABLE SMOOTHING IN PRINTING	ELECTRONICS FOR IMAGING, INC.
11219928 16526802	2022-01-11 2019-07-30	SHAPE PACKING TECHNIQUE	ELECTRONICS FOR IMAGING, INC.
11167574 16590233	2021-11-09 2019-10-01	STEP COMPENSATING CARRIAGE PRINTER	ELECTRONICS FOR IMAGING, INC.
11040528 16686939	2021-06-22 2019-11-18	INTEGRATION OF A LINE-SCAN CAMERA ON A SINGLE PASS INKJET PRINTER	ELECTRONICS FOR IMAGING, INC.
10974528 16701630	2021-04-13 2019-12-03	REPLICATION ALIGNMENT OF COMPONENTS FOR USE IN INKJET PRINTING APPLICATIONS	ELECTRONICS FOR IMAGING, INC.
11468554 16704842	2022-10-11 2019-12-05	ASSESSING PRINTER QUALITY BY ASSIGNING QUALITY SCORES TO IMAGES	ELECTRONICS FOR IMAGING, INC.
11141988 16709325	2021-10-12 2019-12-10	IMPERMEABLE UNITARY STRUCTURE FOR ROUTING FLUIDS	ELECTRONICS FOR IMAGING, INC.
10953665 16709744	2021-03-23 2019-12-10	MODIFYING IMAGE DATA TO COMPENSATE FOR DEFECTIVE PRINTER NOZZLES	ELECTRONICS FOR IMAGING, INC.
11203212 16713560	2021-12-21 2019-12-13	WIDE FORMAT STAGGERED SINGLE PASS PRINTING APPARATUS	ELECTRONICS FOR IMAGING, INC.
11407238 16738789	2022-08-09 2020-01-09	PRINTER VACUUM CONVEYOR WITH ADJUSTABLE ACTIVE AREA	ELECTRONICS FOR IMAGING, INC.
11525707 16745045	2022-12-13 2020-01-16	LINEAR ROTARY ENCODER	ELECTRONICS FOR IMAGING, INC.
11106953 16826024	2021-08-31 2020-03-20	LASER CUTTING OF PRINTED LABELS	ELECTRONICS FOR IMAGING, INC.
11590771 16904420	2023-02-28 2020-06-17	SPOT GLOSS AND GLOSS CONTROL IN AN INKJET PRINTING SYSTEM	ELECTRONICS FOR IMAGING, INC.
11173724 17014512	2021-11-16 2020-09-08	WOODGRAIN SUPPRESSION IN INKJET PRINTING	ELECTRONICS FOR IMAGING, INC.
11164053 17070838	2021-11-02 2020-10-14	VARIABLE SMOOTHING IN PRINTING	ELECTRONICS FOR IMAGING, INC.
11633972 17085069	2023-04-25 2020-10-30	INKJET PROCESS FOR THREE-DIMENSIONAL RELIEF ON TILES	ELECTRONICS FOR IMAGING, INC.

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11305563 17127580	2022-04-19 2020-12-18	APPARATUS TO FLATTEN A SUBSTRATE ALONG A PRINT PATH OF A PRINTER	ELECTRONICS FOR IMAGING, INC.
11400727 17164326	2022-08-02 2021-02-01	MULTI-COLOR MULTI-SPEED PRINTING APPARATUS WITH CIRCULATION	ELECTRONICS FOR IMAGING, INC.
11752784 17169055	2023-09-12 2021-02-05	PRINTING SYSTEMS AND ASSOCIATED STRUCTURES AND METHODS HAVING INK DROP DEFLECTION COMPENSATION	ELECTRONICS FOR IMAGING, INC.
11548306 17181403	2023-01-10 2021-02-22	METHOD AND COMPOSITION FOR INK JET PRINTING ON A NONABSORBENT SUBSTRATE	ELECTRONICS FOR IMAGING, INC.
11691437 17196962	2023-07-04 2021-03-09	MODIFYING IMAGE DATA TO COMPENSATE FOR DEFECTIVE PRINTER NOZZLES	ELECTRONICS FOR IMAGING, INC.
11691446 17203282	2023-07-04 2021-03-16	REPLICATION ALIGNMENT OF COMPONENTS FOR USE IN INKJET PRINTING APPLICATIONS	ELECTRONICS FOR IMAGING, INC.
20210229454 17227648	2021-07-29 2021-04-12	HIGH STABILITY INK DELIVERY SYSTEMS, AND ASSOCIATED PRINT SYSTEMS AND METHODS	ELECTRONICS FOR IMAGING, INC.
11691413 17336195	2023-07-04 2021-06-01	INTEGRATION OF A LINE-SCAN CAMERA ON A SINGLE PASS INKJET PRINTER	ELECTRONICS FOR IMAGING, INC.
11529800 17365658	2022-12-20 2021-07-01	ULTRAVIOLET (UV) HEAT-ACTIVATED LAMINATING ADHESIVE FOR AN INKJET PRINTING PROCESS	ELECTRONICS FOR IMAGING, INC.
11685157 17373622	2023-06-27 2021-07-12	UPWARDS JETTING DIGITAL PRINTING PLATFORM	ELECTRONICS FOR IMAGING, INC.
20220024231 17496225	2022-01-27 2021-10-07	STEP COMPENSATING CARRIAGE PRINTER	ELECTRONICS FOR IMAGING, INC.
11366992 17496574	2022-06-21 2021-10-07	VARIABLE SMOOTHING IN PRINTING	ELECTRONICS FOR IMAGING, INC.
11667133 17501455	2023-06-06 2021-10-14	WOODGRAIN SUPPRESSION IN INKJET PRINTING	ELECTRONICS FOR IMAGING, INC.
20230118766 17501691	2023-04-20 2021-10-14	SYSTEMS AND METHODS FOR OPTICAL TRACKING OF HIGH PRECISION	ELECTRONICS FOR IMAGING, INC.
20230145295 17523723	2023-05-11 2021-11-10	VACUUM CONVEYOR SYSTEM FOR INKJET PRINTING WITH ADJUSTMENT TO THE COVERED AREA	ELECTRONICS FOR IMAGING, INC.
20230159774 17535362	2023-05-25 2021-11-24	HIGH ELONGATION LIQUID LAMINATE PRINTED VIA INKJET PRINTING PROCESS	ELECTRONICS FOR IMAGING, INC.
20230271433 17682148	2023-08-31 2022-02-28	PRINTER WITH HIGH PRODUCTIVITY MEDIA SCANNING	ELECTRONICS FOR IMAGING, INC.
20230182487 17689080	2023-06-15 2022-03-08	THERMAL TRANSFORMATIVE VARIABLE GLOSS CONTROL	ELECTRONICS FOR IMAGING, INC.
20220348028 17812944	2022-11-03 2022-07-15	PRINTER VACUUM CONVEYOR WITH ADJUSTABLE ACTIVE AREA	ELECTRONICS FOR IMAGING, INC.
11559993 17843788	2023-01-24 2022-06-17	MULTI-COLOR MULTI-SPEED PRINTING APPARATUS WITH CIRCULATION	ELECTRONICS FOR IMAGING, INC.
20230031416 17938730	2023-02-02 2022-10-07	ASSESSING PRINTER QUALITY BY ASSIGNING QUALITY SCORES TO IMAGES	ELECTRONICS FOR IMAGING, INC.
20230078080 18056696	2023-03-16 2022-11-17	ULTRAVIOLET (UV) HEAT-ACTIVATED LAMINATING ADHESIVE FOR AN INKJET PRINTING PROCESS	ELECTRONICS FOR IMAGING, INC.
20230084671 18056702	2023-03-16 2022-11-17	LINEAR ROTARY ENCODER	ELECTRONICS FOR IMAGING, INC.
20230286294 18175140	2023-09-14 2023-02-27	SPOT GLOSS AND GLOSS CONTROL IN AN INKJET PRINTING SYSTEM	ELECTRONICS FOR IMAGING, INC.

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20230370561 18185257	2023-11-16 2023-03-16	INTERACTIVE THREE-DIMENSIONAL (3D) COLOR HISTOGRAMS	ELECTRONICS FOR IMAGING, INC.
20240010018 18306091	2024-01-11 2023-04-24	SYSTEMS AND METHODS FOR DETERMINING PRINTING CONDITIONS BASED ON SAMPLES OF IMAGES PRINTED BY SHUTTLE-BASED PRINTERS	ELECTRONICS FOR IMAGING, INC.
20230271418 18311863	2023-08-31 2023-05-03	UPWARDS JETTING DIGITAL PRINTING PLATFORM	ELECTRONICS FOR IMAGING, INC.
20230286304 18320065	2023-09-14 2023-05-18	REPLICATION ALIGNMENT OF COMPONENTS FOR USE IN INKJET PRINTING APPLICATIONS	ELECTRONICS FOR IMAGING, INC.
20230286290 18320107	2023-09-14 2023-05-18	MODIFYING IMAGE DATA TO COMPENSATE FOR DEFECTIVE PRINTER NOZZLES	ELECTRONICS FOR IMAGING, INC.
20230286260 18321947	2023-09-14 2023-05-23	INTEGRATION OF A LINE-SCAN CAMERA ON A SINGLE PASS INKJET PRINTER	ELECTRONICS FOR IMAGING, INC.
20230339242 18342633	2023-10-26 2023-06-27	PRINTING SYSTEMS AND ASSOCIATED STRUCTURES AND METHODS HAVING INK DROP DEFLECTION COMPENSATION	ELECTRONICS FOR IMAGING, INC.
20230364932 18360719	2023-11-16 2023-07-27	MACHINE LEARNING-IMPLEMENTED INKJET PROCESSING FOR GENERATION OF THREE- DIMENSIONAL RELIEF ON TILES	ELECTRONICS FOR IMAGING, INC.

<b>Pat./ Pub./ Appl No.</b>	<b>Issue / Pub. / App. Date</b>	<b>Title</b>	<b>Current Owner</b>
-- 18352979	-- 2023-07-14	FABRIC PRINTING ON NESTED PATTERNS, AND ASSOCIATED PRINT SYSTEMS AND PRODUCTS THEREOF	ELECTRONICS FOR IMAGING, INC.

No.	Title	App No.	App. Date	Patent No. / Publication No.	Issue Date	Status	Current Owner
1.	Assessing printer quality by evaluating properties of images comprised of multiple frames	18403621	1/3/2024	20240135526	4/25/2024	Pending	Electronics for Imaging, Inc.
2.	Controlling multiple eversion-based actuators	18437511	2/9/2024	20240247666	7/25/2024	Pending	Electronics for Imaging, Inc.
3.	Flatbed Printer with Integrated Creasing and Cutting	18154738	1/13/2023	20240239117	7/18/2024	Pending	Electronics for Imaging, Inc.
4.	Linear rotary encoder	18654824	5/3/2024	20240328835	10/3/2024	Pending	Electronics for Imaging, Inc.
5.	Method and apparatus for printing on non-planar beds	18058240	11/22/2022	20240165977	5/23/2024	Pending	Electronics for Imaging, Inc.
6.	Methods and systems for drying color-printed substrates	18184589	3/15/2023	20240300250	9/12/2024	Pending	Electronics for Imaging, Inc.
7.	Methods for printing on downward-facing surfaces of substrates via upwards jetting platform	18433815	2/6/2024	20240173974	5/30/2024	Pending	Electronics for Imaging, Inc.
8.	Robot assisted direct to garment printing	18670465	5/21/2024	20240391704	11/28/2024	Pending	Electronics for Imaging, Inc.
9.	Side mounting for s-shaped print heads	17931850	9/13/2022	20240083185	3/14/2024	Pending	Electronics for Imaging, Inc.
10.	Single Pass Inkjet Printer for Z-Fold (Fanfold) Materials	18188383	3/22/2023	20240316959	9/26/2024	Pending	Electronics for Imaging, Inc.
11.	Systems and methods for optical tracking of high precision	18760441	7/1/2024	20240353220	10/24/2024	Pending	Electronics for Imaging, Inc.

No.	Title	App No.	App. Date	Patent No. / Publication No.	Issue Date	Status	Current Owner
12.	Vacuum conveyor system for inkjet printing with adjustment to the covered area	18161938	7/2/2024	20240351812	10/24/2024	Pending	Electronics for Imaging, Inc.
13.	Controlling multiple eversion-based actuators	18158055	1/23/2023	12146511	11/19/2024	Granted	Electronics for Imaging, Inc.
14.	Controlling multiple eversion-based actuators	18158071	1/23/2023	11939995	3/26/2024	Granted	Electronics for Imaging, Inc.
15.	Method and system for aligning images printed with digital printer and analog cylinders	17933031	9/16/2022	11981124	5/14/2024	Granted	Electronics for Imaging, Inc.

PATENT

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RECORDED: 02/03/2025