

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
DIGITAL IMAGING SYSTEMS GMBH	07/01/2013
RECEIVING PARTY DATA	
Name:	RPX CORPORATION
Street Address:	One Market Plaza, Steuart Tower, Suite 800
City:	San Francisco
State/Country:	CALIFORNIA
Postal Code:	94105
PROPERTY NUMBERS Total: 56	
Property Type	Number
Patent Number:	8363324
Patent Number:	8198845
Patent Number:	8076948
Application Number:	12658508
Application Number:	12658280
Patent Number:	8086099
Patent Number:	8180211
Patent Number:	8218041
Application Number:	12799947
Patent Number:	8064761
Patent Number:	8282398
Patent Number:	8320756
Application Number:	13684776
Application Number:	12931063
Patent Number:	7405764

CH \$2240.00 8363324

Patent Number:	8274599
Patent Number:	7158170
Patent Number:	7486309
Patent Number:	7505064
Patent Number:	7812858
Patent Number:	7697031
Patent Number:	7948519
Patent Number:	7965316
Patent Number:	7248347
Patent Number:	7403229
Patent Number:	7847821
Patent Number:	7657167
Patent Number:	7670067
Patent Number:	6040570
Patent Number:	6441852
Patent Number:	6320616
Patent Number:	5920345
Patent Number:	5969758
Patent Number:	7324145
Patent Number:	7554590
Patent Number:	7830431
Patent Number:	6535275
Patent Number:	6992713
Patent Number:	6878918
Patent Number:	6911712
Patent Number:	7238993
Patent Number:	6870209
Patent Number:	7109537
Patent Number:	7336530
Patent Number:	6984812
Patent Number:	7176544
Patent Number:	7317484
Patent Number:	5949918
Patent Number:	7129975
Patent Number:	6897519

	8363042
Application Number:	13068650
Application Number:	13068633
Application Number:	13065278
Patent Number:	5134489
Patent Number:	5134488

#### CORRESPONDENCE DATA

Fax Number: 9724790464  
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*  
 Phone: 9724790462  
 Email: ADMIN@DALPAT.COM  
 Correspondent Name: GREGORY M. HOWISON  
 Address Line 1: P.O. BOX 741715  
 Address Line 4: DALLAS, TEXAS 75374-1715

ATTORNEY DOCKET NUMBER:	RPXC-29189-DIGITAL IMAGIN
NAME OF SUBMITTER:	Gregory M. Howison
Signature:	/Gregory M. Howison, Reg. #30646/
Date:	07/24/2013

#### Total Attachments: 22

source=RPX29189-DIGITAL ASSMT EXE#page1.tif  
 source=RPX29189-DIGITAL ASSMT EXE#page2.tif  
 source=RPX29189-DIGITAL ASSMT EXE#page3.tif  
 source=RPX29189-DIGITAL ASSMT EXE#page4.tif  
 source=RPX29189-DIGITAL ASSMT EXE#page5.tif  
 source=RPX29189-DIGITAL ASSMT EXE#page6.tif  
 source=RPX29189-DIGITAL ASSMT EXE#page7.tif  
 source=RPX29189-DIGITAL ASSMT EXE#page8.tif  
 source=RPX29189-DIGITAL ASSMT EXE#page9.tif  
 source=RPX29189-DIGITAL ASSMT EXE#page10.tif  
 source=RPX29189-DIGITAL ASSMT EXE#page11.tif  
 source=RPX29189-DIGITAL ASSMT EXE#page12.tif  
 source=RPX29189-DIGITAL ASSMT EXE#page13.tif  
 source=RPX29189-DIGITAL ASSMT EXE#page14.tif  
 source=RPX29189-DIGITAL ASSMT EXE#page15.tif  
 source=RPX29189-DIGITAL ASSMT EXE#page16.tif  
 source=RPX29189-DIGITAL ASSMT EXE#page17.tif  
 source=RPX29189-DIGITAL ASSMT EXE#page18.tif  
 source=RPX29189-DIGITAL ASSMT EXE#page19.tif  
 source=RPX29189-DIGITAL ASSMT EXE#page20.tif  
 source=RPX29189-DIGITAL ASSMT EXE#page21.tif  
 source=RPX29189-DIGITAL ASSMT EXE#page22.tif

**PATENT RIGHTS PURCHASE AND ASSIGNMENT AGREEMENT**

This PATENT RIGHTS PURCHASE AND ASSIGNMENT AGREEMENT (the "**Agreement**") is entered into as of July 01, 2013 (the "**Effective Date**"), by and between Stephan Rüdlin acting not in his own name but as insolvency administrator with respect to the assets of Digital Imaging Systems GmbH, a corporation organized under the laws of Germany, with principal place of business at Königstraße 18, 70173 Stuttgart, Germany ("**Seller**"), and RPX Corporation, a Delaware corporation, with principal place of business at One Market Plaza, Steuart Tower, Suite 800, San Francisco, CA 94105 ("**Buyer**") (each of Seller and Buyer a "**Party**", collectively, "**Parties**").

WHEREAS, Seller has been appointed as insolvency administrator by court order of Amtsgericht Esslingen (local court, insolvency division) dated September 30, 2011 with respect to the assets of Digital Imaging Systems GmbH ("**Debtor**");

WHEREAS, Buyer desires to acquire the entire and exclusive right, title, and interest in and to the Assigned Patents and the underlying inventions described therein, in the United States and throughout the world; and

WHEREAS, Seller is willing to assign to Buyer all right, title, and interest in and to the Assigned Patents, and the underlying inventions described therein, in the United States and throughout the world.

Now therefore, in consideration of the premises and covenants herein contained, Buyer and Seller agree as follows:

**Section 1. Assignment**

- 1.1 Seller hereby assigns, transfers and conveys to Buyer, and Buyer hereby accepts, all right, title, and interest throughout the world in and to: (a) the issued patents and pending patent applications identified on Schedule 1 to Exhibit A attached hereto (the "**Assigned Patents**"), (b) all issued patents, rights to inventions and pending and future applications for patents under U.S. law or regulation or of any foreign country with respect to the patentable inventions from which such Assigned Patents arise, including without limitation utility patents, utility models, design patents, invention certificates, continuations, divisionals, continuations-in-part, reexaminations, reissues, extensions and renewals, in all countries of the world; (c) all causes of action (whether known or unknown or whether currently pending, filed or otherwise) and other enforcement rights under or on account of, subcategories (a) and (b), including, without limitation, all causes of action and other enforcement rights for damages, injunctive relief, and any other remedies of any kind for past, current and future infringement; and (d) all rights to collect royalties or other payments under or on account of the Assigned Patents and any of the foregoing subcategories (b) and (c) (subcategories (a), (b), (c) and (d), collectively, the "**Assigned Patent Rights**"), in accordance with the Assignment attached as Exhibit A hereto (the "**Assignment**").
- 1.2 Seller assigns to Buyer all rights of cooperation assigned or granted by any third party and all rights to make applications for patents or other forms of protection for the Assigned Patent Rights (including without limitation the underlying inventions described therein) throughout the world, and empowers Buyer to prosecute such applications as well as to claim and receive the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, including the right to invoke and claim such right of priority without further written or oral authorization.
- 1.3 Seller shall, without charge to Buyer but at Seller's expense, after payment of the consideration specified in Section 2.1 below, execute, verify, acknowledge, have authenticated and deliver all such further documents, including instruments of transfer and assignment papers, that Buyer may reasonably require and deliver to Buyer to implement the assignments in Section 1.1 and 1.2 above or the Assignment as needed to vest title to the Assigned Patent Rights in Buyer.

**CONFIDENTIAL**

- 1.4 In the event that Buyer is unable for any reason whatsoever to secure Seller's signature to any documents it is entitled to under Section 1.3 above, Seller hereby irrevocably designates and appoints Buyer and its duly authorized officers and agents, as its agents and attorneys-in-fact to act for and on its behalf and instead of it, to execute and file any such document and to do all other lawfully permitted acts to further the purposes of Section 1.3 above with the same legal force and effect as if executed by Seller. Seller further agrees that in the event Buyer subsequently assigns any of the Assigned Patent Rights, Buyer's successors and assigns with respect to such Assigned Patents and/or Assigned Patent Rights ("Buyer's Assignees"), including their duly authorized officers and agents, shall be Seller's agents and attorneys-in-fact to act for and on its behalf and instead of it, to execute and file any such document and to do all other lawfully permitted acts to further the purposes of Section 1.3 above with the same legal force and effect as if executed by Seller.
- 1.5 Seller agrees to cooperate with Buyer at Buyer's expense (provided such expenses are reasonable and preapproved in writing by Buyer, such approval not to be unreasonably withheld or delayed) after the Effective Date to provide all files and documents in its possession, including without limitation patent prosecution files, and to perform such other acts and provide such assistance as Buyer lawfully and reasonably may request to obtain, maintain, defend, or enforce letters patent for the Assigned Patents or inventions disclosed therein in any and all countries. Further, in the event Buyer subsequently assigns any of the Assigned Patent Rights to any Buyer's Assignees, Seller agrees to cooperate with such Buyer's Assignee at the Buyer's Assignee's expense after the date of such assignment to perform such other acts and provide such assistance as the Buyer's Assignee lawfully and reasonably may request to obtain, maintain, defend, or enforce letters patent for the Assigned Patents or inventions disclosed therein in any and all countries.

**Section 2. Payment and Communication**

- 2.1 As consideration for the assignment of the Assigned Patent Rights, Buyer shall deliver to Seller (in accordance with the payment instructions below) payment in the amount equal to US\$950,000 less the total amount of maintenance fees and annuities set forth in Exhibit C, or US\$930,748 (the "Purchase Price"), within thirty (30) days following the Effective Date. The Purchase Price shall be paid as follows:
- (a) US\$435,374 will be paid to Seller's insolvency administrator trust account set forth on Exhibit B;
  - (b) US\$465,374 will be paid to Seller's insolvency administrator escrow account set forth on Exhibit B (the "Escrow Account"); and
  - (c) US\$30,000 will be paid to the SRI International account set forth on Exhibit B.

Seller acknowledges that the payment to SRI International is being made by Buyer on behalf of Seller as a convenience to Seller, and payment in accordance with (a)-(c) above will fully satisfy Buyer's obligations to pay the consideration set forth in this Section 2.1. Buyer will have no obligation or liability with respect to any dispute between Seller and SRI International relating to the payment to SRI International. Immediately after Buyer's delivery of payment of the Purchase Price to Seller in accordance with the foregoing, Seller shall (x) execute and deliver to Buyer the Assignment, which Buyer may record, at its election, and (y) deliver to Buyer the original ribbon copy or certificate, as applicable, issued by the relevant jurisdiction for each issued patent within the Assigned Patents.

- 2.2 Payments under this Agreement shall be made via wire transfer, without deduction of taxes or banking fees of any kind, per wire account information provided by Seller and set forth on the

**CONFIDENTIAL**

confidential Exhibit B attached hereto.

- 2.3 Seller shall pay all taxes (including, without limitation, sales and value added taxes) imposed on Seller by the national government, and any state, local or other political subdivision thereof, of any country in which Seller is subject to taxation, as the result of Buyer's furnishing consideration hereunder.
- 2.4 Notices and other communications relevant to this Agreement or to any of the Assigned Patent Rights shall be sent by facsimile or by registered or certified mail to the following address, or to such other address as may be given by notice hereafter, and shall be effective upon sending, if sent by facsimile, as proven by a fax confirmation page, or upon receipt if sent by registered or certified mail, as proven by a post office delivery receipt:

For Seller: Stephan Rüdlin as insolvency administrator  
with respect to the assets of  
Digital Imaging Systems GmbH  
Königstraße 18  
70173 Stuttgart  
Germany

With a copy to: Dr. Hans-Joachim Machreich  
Schneider, Geiwitz & Partner  
Bahnhofstrasse 41  
89231 Neu-Ulm  
Germany

For Buyer: RPX Corporation  
One Market Plaza, Steuart Tower  
Suite 800  
San Francisco, CA 94105  
Fax Number: (415) 728-9258  
ATTN: Chief Intellectual Property Officer

**Section 3. Representations, Warranties and Covenants**

- 3.1 Corporate Authority. Seller represents and warrants to Buyer and its assignees that:
- (a) it has all requisite legal right, power, and authority to execute, deliver, and perform this Agreement; and
  - (b) such Agreement constitutes its valid and legally binding obligation, enforceable in accordance with its terms.
- 3.2 Patent Prosecution. Seller represents and warrants to Buyer and its assignees that to the knowledge of Seller, neither the inventors of the Assigned Patents nor their counsel:

**CONFIDENTIAL**

- (a) intentionally failed to disclose any material, non-cumulative prior art references to the United States Patent and Trademark Office (the "PTO") or any foreign patent offices requiring such disclosure in connection with the prosecution of any Assigned Patents;
  - (b) made any material misstatements or misrepresentations to the PTO or any foreign patent offices in connection with the prosecution of any of the Assigned Patents; or
  - (c) engaged in any act or omission inconsistent with the duty of candor to the PTO.
- 3.3 Other Matters. Except as otherwise expressly provided in Exhibit D, Seller represents and warrants to Buyer and its assignees that:
- (a) Seller has good and marketable title to the Assigned Patent Rights (including, without limitation, all right, title, and interest in the Assigned Patent Rights and the right to sue for past, present and future infringements thereof);
  - (b) Seller has the full right and power to assign all Assigned Patent Rights and the underlying inventions as set forth above; and
  - (c) none of the Assigned Patent Rights is subject to any licenses, covenants not to sue, liens, security interests, or other encumbrances.
- 3.4 Buyer. Buyer represents and warrants to Seller that:
- (a) it has all requisite legal right, power, and authority to execute, deliver, and perform this Agreement; and
  - (b) such Agreement constitutes its valid and legally binding obligation, enforceable in accordance with its terms except (i) as limited by applicable bankruptcy, insolvency, reorganization, moratorium, and other laws of general application affecting enforcement of creditors' rights generally and (ii) as limited by laws relating to the availability of specific performance, injunctive relief, or other equitable remedies.

**Section 4. Disclaimers and Limitations**

- 4.1 Except for liabilities of either Party arising by such Party's breach of Section 5.5 (Confidentiality) and subject to Section 4.3, in no event shall either Party under this Agreement be liable to the other Party for any damages and claims for reimbursement of expenses regardless of their legal theory, whether based on a breach of contractual obligations or tort.
- 4.2 No limitation contained in this Section 4 or elsewhere in this Agreement with respect to the liability of either Party shall apply to the extent that such liability is mandatory under the applicable law, e.g. under the product liability law in cases of intentional misconduct or of gross negligence.
- 4.3 The representations and warranties of Buyer will survive for a period of three (3) years from the Effective Date. After the end of such three (3) year period, Buyer will have no right to bring any claims against Seller for a breach of any representation or warranty; provided, that any such claim that is pending in a court of competent jurisdiction at the end of such three (3) year period shall survive until the claim is fully and finally resolved.
- 4.4 Seller's monetary liability for any claims under this Agreement shall be capped at fifty percent (50%) of the Purchase Price and will be recoverable exclusively from the Escrow Account pursuant to the escrow agreement entered into by the Parties simultaneously with the execution of this Agreement. Such recovery (or recoveries) from the Escrow Account will represent Seller's sole and exclusive monetary liability for any breach of representations and warranties under this

**CONFIDENTIAL**

Agreement. The liability regime in this Section 4.4 will control over and supersede any other assignment documents or other instruments of transfer executed by Seller in connection with this Agreement, notwithstanding anything to the contrary in any such documents.

- 4.5 The provisions of this Section 4 shall survive any termination or expiration of this Agreement.

**Section 5. Miscellaneous**

- 5.1 As between Buyer and Seller, Buyer, as the acquirer of all right, title, and interest in each of the Assigned Patents and related rights, has sole discretion whether or not to institute any action or suit against third parties for infringement (including without limitation past, present and future infringement) of, or any other *inter partes* proceeding (including without limitation reexaminations and interferences) related to, any of the Assigned Patents or patents derived from rights assigned under this Agreement or to defend any action or suit, or other *inter partes* proceeding, brought by a third party that challenges or concerns the patentability, validity, enforceability, priority, title, scope, or applicability of any of the Assigned Patents or patents or applications derived from rights assigned under this Agreement. Seller's sole responsibility or duty in connection with such an action or suit shall be to cooperate with Buyer as stated in Sections 1.3 and 1.5 above. If any such action or suit is brought by or against Buyer after the Effective Date involving or relating to any or all of the Assigned Patent Rights, as between Buyer and Seller:
- (a) Buyer, and not Seller, shall be responsible for defending against any claim, counterclaim, or contention by or on behalf of an opposing litigant that Buyer lacks standing or that any or all of the Assigned Patent Rights are invalid, unenforceable, inapplicable, or lack priority, at Buyer's own expense, regardless of whether or not any opponent includes contentions of fact or law that, if true or correct, would be inconsistent with any of Seller's representations and warranties in Section 3 above; and
  - (b) Buyer, and not Seller, shall retain all proceeds derived from or on account of the action or suit, or other proceeding, including any money or other benefits received through any judgment or settlement.
- 5.2 This Agreement shall not be binding upon the Parties until it has been signed herein below and delivered by or on behalf of each Party. Buyer may assign this Agreement in connection with the assignment of the Assigned Patents and Assigned Patent Rights. This Agreement shall be binding on, and shall inure to the benefit of, the Parties hereto and their respective successors and assigns. No amendment or modification hereof shall be valid or binding upon the Parties unless made in writing and signed as aforesaid.
- 5.3 This Agreement and any dispute or claim arising out of or in connection with it or its subject matter or formation (including non-contractual disputes or claims) shall be governed by and construed in accordance with the law in force in the Federal Republic of Germany without regard to its conflicts of law rules. The United Nations Convention on Contracts for the International Sale of Goods of April 11, 1980 shall not apply. The exclusive place of venue shall be the Federal Court of Munich I (Landgericht München I) Munich, Germany.
- 5.4 The headings of sections are inserted for convenience of reference only and are not intended to be part of or to affect the meaning or interpretation of this Agreement.
- 5.5 Neither Party shall disclose the terms of this Agreement to any third party, without the prior written consent of the other Party. This obligation is subject to the following exceptions: (a) disclosure is permissible if required by government or court order, provided that the disclosing Party first gives the other Party prior written notice in order to enable that Party to seek a protective order (or other equivalent protection) and such permissible disclosure is limited to the terms legally required to be disclosed; (b) disclosure is permissible if otherwise required by law or any applicable securities exchange rules or regulations, and such permissible disclosure is limited



**CONFIDENTIAL**

to the terms legally required to be disclosed; (c) each Party may disclose this Agreement or its contents to the extent reasonably necessary, on a confidential basis, to its accountants, attorneys, and financial advisors; (d) Buyer may disclose this Agreement or its contents to any potential licensees or assignees of the Assigned Patents and Assigned Patent Rights, provided that all such potential licensees or assignees agree to the same terms of confidentiality as set forth in this Section 5.6; (e) Buyer may disclose this Agreement or its contents in order to perfect Buyer's interest in the Assigned Patent Rights with any governmental patent office, or to enforce Buyer's right, title and interest in and to the Assigned Patent Rights; and (f) the Parties may disclose information related to the tax treatment or tax structure of the transaction to the extent required by the relevant tax authorities.

- 5.6 This Agreement, including the exhibits and schedules attached hereto, embodies the entire understanding of and agreement between the Parties with respect to the Assigned Patent Rights and merges and supersedes all prior agreements, understandings, negotiations, and discussions between the Parties. Neither Party shall be bound by any condition, definition, warranty, understanding, or representation with respect to the subject matter hereof other than as expressly provided herein.
- 5.7 This Agreement may be executed in two or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument. The exchange of copies of this Agreement and of signature pages by facsimile transmission, by electronic mail in "portable document format" (".pdf") form, or by any other electronic means intended to preserve the original graphic and pictorial appearance of a document, will have the same effect as physical delivery of the paper document bearing an original signature.
- 5.8 Nothing contained herein, or done in pursuance of this Agreement, will constitute the Parties entering into a joint venture, partnership, or franchise or will constitute either Party hereto being the agent for the other Party for any purpose or in any sense whatsoever, except as otherwise explicitly set forth in Section 1.4.
- 5.9 Neither Party shall be considered the author of this Agreement for the purpose of interpreting any provision herein.
- 5.10 Each Party acknowledges that it has reviewed this Agreement, including Exhibit A attached hereto, and all related agreements, with its own legal, financial and tax advisors, and has not relied on the other Party or any of the other Party's advisors with respect to such matters.
- 5.11 Seller acknowledges and agrees that damages alone would be insufficient to compensate Buyer for a breach by Seller of this Agreement, and that irreparable harm would result from a breach of this Agreement. Seller hereby consents to the entering of an order for injunctive relief to prevent a breach or further breach, and the entering of an order for specific performance to compel performance of any obligations under this Agreement.
- 5.12 If any section of this Agreement is found by competent authority to be invalid, illegal or unenforceable in any respect for any reason, the validity, legality and enforceability of any such section in every other respect and the remainder of this Agreement shall continue in effect so long as the Agreement still expresses the intent of the Parties.

**[SIGNATURES ON NEXT PAGE]**

CONFIDENTIAL

IN WITNESS WHEREOF, the Parties hereto have caused this Agreement to be executed as of the Effective Date. The individuals signing for the Parties represent and warrant that he or she has authority to sign for and enter into this Agreement on behalf of the respective Parties.

SELLER:

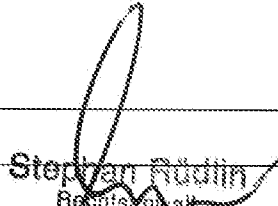
Digital Imaging Systems GmbH

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

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

  
Stephan Rüdlin  
Rechtsanwalt  
als Insolvenzverwalter  
01. JULI 2013

BUYER:

RPX Corporation

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

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

## EXHIBIT A

### Patent Assignment

This patent assignment ("Assignment") is entered into as of July 01, 2013 by and between Digital Imaging Systems GmbH, a corporation organized under the laws of Germany, with principal place of business at Königstraße 18, 70173 Stuttgart, Germany ("Seller"), and RPX Corporation, a Delaware corporation, with principal place of business at One Market Plaza, Steuart Tower, Suite 800, San Francisco, CA 94105 ("Buyer").

For good and valuable consideration, the receipt of which is hereby acknowledged, Seller hereby:

(A) irrevocably assigns to Buyer:

- (1) the entire right, title, and interest, everywhere in the world, to
  - (a) the issued patents and pending patent applications set forth on Schedule 1,
  - (b) any patent applications and/or patents that may claim priority of the items in (a) (including but not limited to continuations, divisions, substitutes, reissues, reexaminations, or extensions thereof, together with all priority rights and foreign counterpart applications under any existing or future international patent conventions, agreements, or treaties),
  - (c) any patent that may be granted on any patent application in (a) or (b), and
  - (d) any other rights in the inventions described in any of (a), (b) or (c) including rights to future patent applications and all rights of cooperation assigned or granted by a third party;

(all of the foregoing in (1), collectively, the "Assigned Patents");

(2) the right to sue third parties for infringement (including but not limited to past, present and future infringement, damages and injunctive relief) of any of the Assigned Patents based on activities occurring prior to the execution date hereof or hereafter; and

(3) any current or future right to receive royalties based on any of the foregoing in (1) or (2);  
and

(B) agrees upon request (and at the expense) of Buyer to, and if Seller is unable or unwilling to do so authorizes Buyer to act in Seller's name to: execute all oaths, assignments, powers, and any other papers necessary to perform Seller's obligations hereunder, testify in any proceeding, and otherwise take any action, and fully cooperate with Buyer to perform Seller's obligations hereunder, in each case, related to securing and enforcing Buyer's rights related to this Assignment.

The terms and conditions of this Assignment will inure to the benefit of Buyer, its successors, assigns, and other legal representatives and will be binding upon Seller, its successors, assigns, and other legal representatives.

Seller:

Notary Seal:

Digital Imaging Systems GmbH

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

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

**Stephan Rüdlin**  
Rechtsanwalt  
als Insolvenzverwalter

01 JULI 2013

**ATTESTATION OF SIGNATURE PURSUANT TO 28 U.S.C. § 1746**

The undersigned witnessed the signature of \_\_\_\_\_ to the above Patent Assignment on behalf of \_\_\_\_\_ and makes the following statements:

1. I am over the age of 18 and competent to testify as to the facts in this Attestation if called upon to do so.
2. \_\_\_\_\_ is personally known to me (or proved to me on the basis of satisfactory evidence) and appeared before me on \_\_\_\_\_, 20\_\_ to execute the above Patent Assignment on behalf of \_\_\_\_\_.
3. \_\_\_\_\_ executed the above Patent Assignment on behalf of \_\_\_\_\_.

I declare under penalty of perjury under the laws of the United States of America that the statements made above in this Attestation are true and correct.

EXECUTED on \_\_\_\_\_, 20\_\_

Print Name: \_\_\_\_\_

# SCHEDULE 1

## PATENTS AND PATENT APPLICATIONS

Family	Jurisdiction	Publication or Patent No.	Pub/Issue Date	Application Serial No.	Filing Date	Title
1	US	8363324 (2009-0180202)	01-29-2013	12/008,347	01-10-2008	LENS POSITIONING SYSTEM
1	EP	2078981 (Restitutio into integrum)	07-15-2009	2008368001	01-10-2008	LENS POSITIONING SYSTEM
2	US	8198845	06-12-2012	12/319,593	01-09-2009	DC CONVERTER USING MOTOR COIL
2	EP	2192677 ABANDONED	06-02-2010	2008392016	12-01-2008	DC CONVERTER USING MOTOR COIL
3	US	8076948	12-13-2011	12/290,386	10-30-2008	DISTANCE MEASUREMENT WITH CAPACITIVE SENSOR
3	EP	2177880 ABANDONED	04-21-2010	2008392011	10-16-2008	DISTANCE MEASUREMENT WITH CAPACITIVE SENSOR
4	US	2011-0176053	07-21-2011	12/658,508	02-05-2010	CAMERA SHUTTER
4	EP	2345929	07-20-2011	2010368002	01-19-2010	CAMERA SHUTTER
5	US	2011-0176052	07-21-2011	12/658,280	02-05-2010	CAMERA SHUTTER AND POSITION CONTROL THEREOF
5	EP	2345930	07-20-2011	2010368003	01-19-2010	CAMERA SHUTTER AND POSITION CONTROL THEREOF
6	US	8086099	12-27-2011	12/661,752	03-23-2010	CAMERA MODULE HAVING A LOW-FRICTION MOVABLE LENS
6	EP	2341379 -ABANDONED	07-06-2011	2010368004	01-19-2010	CAMERA MODULE HAVING A LOW-FRICTION MOVABLE LENS
7	US	2011-0268434 -ABANDONED	11-03-2011	12/799,602	04-28-2010	LENS BARREL RETENTION SYSTEM OF A CAMERA MODULE
8	US	2011-0141587- ABANDONED	06-16-2011	12/661,755	03-23-2010	TWIN-ACTUATOR CONFIGURATION FOR A CAMERA MODULE
8	EP	2341380 -ABANDONED	07-06-2011	2010368005	01-19-2010	TWIN-ACTUATOR CONFIGURATION FOR A CAMERA MODULE
9	US	8180211	05-15-2012	12/661,756	03-23-2010	DROP DETECTION USING LENS POSITION SENSING OF CAMERA MODULE
9	EP	2341381	07-06-2011	2010368006	01-19-2010	DROP DETECTION USING LENS POSITION SENSING OF CAMERA MODULE
10	US	2011-0211107- ABANDONED	09-01-2011	12/660,560	03-01-2010	METHOD TO PERFORM SOBEL CALCULATIONS AND

11	US	8218041	07-10-2012	12/658,030	02-01-2010	NORMALIZATION FOR AUTO-FOCUS IN A DIGITAL CAMERA APERTURE SHADING CORRECTION
12	US	2011-0273789	11-10-2011	12/799,947	05-05-2010	LINEAR MOTOR WITH INTEGRAL POSITION SENSOR
13	US	2010-0310246-ABANDONED	12-09-2010	12/802,333	06-04-2010	METHOD FOR USING A VARIABLE APERTURE TO TUNE IMAGE QUALITY PARAMETERS IN A CAMERA SYSTEM
14	US	8064761	11-22-2011	12/660,818	03-04-2010	METHOD TO DETERMINE AUTO FOCUS OF A DIGITAL CAMERA
15	US	2011-0215889-ABANDONED	09-08-2011	12/660,870	03-05-2010	STABILIZED BALL BEARINGS FOR CAMERA LENS
16	US	8282398 (20110-269317)	10-09-2012	12/799,767	04-30-2010	ENERGY TRANSFER VIA ROLLING ELEMENTS OF ROLLING-ELEMENT BEARINGS
17	US	2011-0298480-ABANDONED	12-08-2011	12/802,413	06-07-2010	COMPENSATION OF PARASITIC CAPACITANCES OF CAPACITIVE SENSORS
18	US	8320756 (2012-0039590)	11-27-2012	12/806,322	08-20-2010	SINGLE ACTUATOR CONFIGURATION FOR A CAMERA MODULE
18	US			13/684776	11-26-2012	SINGLE ACTUATOR CONFIGURATION FOR A CAMERA MODULE
19	US	2012-0191889	07-26-2012	12/931,063	01-24-2011	METHOD TO DIFFERENTIATE IDENTICAL DEVICES ON A TWO-WIRE INTERFACE
20	US	7405764	07-29-2008	10/417,317	04-16-2003	MINIATURE CAMERA MODULE
20	US	8274599	09-25-2012	12/217,399	07-03-2008	MINIATURE CAMERA MODULE
20	EP	1471730	10-27-2004	2003368025	10-27-2004	MINIATURE CAMERA MODULE
21	US	ABANDONED 7158170	01-02-2007	10/434,743	05-08-2003	TEST SYSTEM FOR CAMERA MODULES
21	EP	1463342	09-29-2004	2003392003	03-27-2003	TEST SYSTEM FOR CAMERA MODULES
22	US	ABANDONED 7486309	02-03-2009	10/930,351	08-31-2004	A DIGITAL CAMERA MODULE TEST SYSTEM
22	EP	1628492	02-22-2006	2004368054	08-17-2004	A CAMERA TEST SYSTEM
23	US	ABANDONED 7505064	03-17-2009	10/929,651	08-30-2004	CAMERA HANDLING SYSTEM
23	EP	1628493	02-22-2006	2004368055	08-17-2004	CAMERA HANDLING SYSTEM
23	US	ABANDONED 7812858	10-12-2010	12/380,635	03-02-2009	CAMERA HANDLING SYSTEM
24	US	7697031	04-13-2010	10/930,353	08-31-2004	INTELLIGENT LIGHT SOURCE WITH SYNCHRONIZATION

24	EP	1628494	02-22-2006	2004368056	08-17-2004	WITH A DIGITAL CAMERA INTELLIGENT LIGHT SOURCE WITH SYNCHRONIZATION WITH A DIGITAL CAMERA
24	US	ABANDONED 7,948,519 (2010- 0188561)	05-24-2011	12/661,951	03-26-2010	INTELLIGENT LIGHT SOURCE WITH SYNCHRONIZATION WITH A DIGITAL CAMERA
24	US	7965316	06-21-2011	12/661,927	03-26-2010	INTELLIGENT LIGHT SOURCE WITH SYNCHRONIZATION WITH A DIGITAL CAMERA
25	US	7248347	07-24-2007	10/929,300	08-30-2004	FOCUS PROCESSING WITH THE DISTANCE OF DIFFERENT TARGET WHEELS
25	EP	1628122	02-22-2006	2004368058	08-17-2004	FOCUS PROCESSING WITH THE DISTANCE OF DIFFERENT TARGET WHEELS
26	US	ABANDONED 7403229	07-22-2008	10/929,653	08-30-2004	TESTING OF MINIATURIZED DIGITAL CAMERA MODULES WITH ELECTRICAL AND/OR OPTICAL ZOOM FUNCTIONS
26	EP	1628123	02-22-2006	2004368059	08-17-2004	TESTING OF MINIATURIZED DIGITAL CAMERA MODULES WITH ELECTRICAL AND/OR OPTICAL ZOOM FUNCTIONS
27	US	7847821	12-07-2010	11/594,292	11-08-2006	ON CHIP TEST MODE IMPLEMENTATION
27	EP	1919191	05-07-2008	2006392013	11-06-2006	ON CHIP TEST MODE IMPLEMENTATION
28	US	ABANDONED 7657167	02-02-2010	11/527,296	09-26-2006	COMPACT CAMERA MODULES WITH LAVET STEPPING- MOTORS AS ACTUATORS
28	EP	1903363	03-26-2008	2006368012	09-25-2006	COMPACT CAMERA MODULES WITH HOROLOGICAL STEPPER MOTOR
28	DE	ABANDONED 602006012985	04-29-2010	2006612985	09-25-2006	COMPACT CAMERA MODULES WITH HOROLOGICAL STEPPER MOTOR
28	AT	ABANDONED 461466	04-15-2010	20066368012	09-25-2006	COMPACT CAMERA MODULES WITH HOROLOGICAL STEPPER MOTOR
29	US	ABANDONED 7670067	03-02-2010	11/605,179	11-28-2006	COMPACT CAMERA MODULE WITH STATIONARY ACTUATOR FOR ZOOM MODULES WITH MOVABLE SHUTTER AND APERTURE MECHANISM
29	EP	1903364	03-26-2008	2006368013	09-25-2006	COMPACT CAMERA MODULE WITH STATIONARY ACTUATOR FOR ZOOM MODULES WITH MOVABLE SHUTTER AND APERTURE MECHANISM
32	WO	99/62244	12-02-	PCT/US99/120	05-28-	EXTENDED DYNAMIC RANGE

32	US	6040570	1999 03-21- 2000	45 09/087,087	1999 05-29- 1998	IMAGE SENSOR SYSTEM EXTENDED DYNAMIC RANGE IMAGE SENSOR SYSTEM
32	US	6441852	08-27- 2002	09/497,898	02-04- 2000	EXTENDED DYNAMIC RANGE IMAGE SENSOR SYSTEM
32	JP	2002-517135	06-11- 2002	2000551532	05-28- 1999	EXTENDED DYNAMIC RANGE IMAGE SENSOR SYSTEM
32	EP	ABANDONED 1082849	09-29- 2004	1999927117	05-28- 1999	EXTENDED DYNAMIC RANGE IMAGE SENSOR SYSTEM
32	DE	69920687	10-06- 2005	906992068	05-28- 1999	EXTENDED DYNAMIC RANGE IMAGE SENSOR SYSTEM
32	KR	10-552946			11-28- 2000	EXTENDED DYNAMIC RANGE IMAGING SENSOR SYSTEM
32	AU	4409999	12-13- 1999	199044099	05-28- 1999	EXTENDED DYNAMIC RANGE IMAGE SENSOR SYSTEM
34	US	ABANDONED 6320616	11-20- 2001	08/867,653	06-02- 1997	CMOS IMAGE SENSOS WITH REDUCED FIXED PATTERN NOISE
34	WO	98/56168	12-10- 1998	PCT/US98/111 18	06-02- 1998	CMOS IMAGE SENSOS WITH REDUCED FIXED PATTERN NOISE
34	AU	ABANDONED 7711698 ABANDONED	12-21- 1998	77116/98	06-02- 1998	CMOS IMAGE SENSOS WITH REDUCED FIXED PATTERN NOISE
34	EP	986897	05-03- 2000	1998925089	06-02- 1998	CMOS IMAGE SENSOS WITH REDUCED FIXED PATTERN NOISE
34	JP	ABANDONED 2002-507346  -ABANDONED	03-05- 2002	11-502656	06-02- 1998	EDUCATION SET, WORK MODEL, TRAINING METHOD, AND WORK EFFICIENCY IMPROVING METHOD WHICH INCLUDES SERIES OF WORK STEPS
34	KR	10-0555608 (10-2001- 0013303)	02-26- 2001	10-1999- 7011298	06-02- 1998	CMOS IMAGE SENSOS WITH REDUCED FIXED PATTERN NOISE
35	US	5920345	07-06- 1999	08/867,577	06-02- 1997	CMOS IMAGE SENSOR WITH IMPROVED FILL FACTOR
35	WO	98/54890	12-03- 1998	PCT/US98/112 09	06-01- 1998	CMOS IMAGE SENSOR WITH IMPROVED FILL FACTOR
35	DE	ABANDONED 69831071	08-03- 2005	19986031071	06-01- 1998	CMOS IMAGE SENSOR WITH IMPROVED FILL FACTOR
35	EP	ABANDONED 986898	08-03- 2005	98926174.8	06-01- 1998	CMOS IMAGE SENSOR WITH IMPROVED FILL FACTOR
35	FR	ABANDONED 986898  ABANDONED	08-03- 2005	EP98926174.8	06-01- 1998	CMOS IMAGE SENSOR WITH IMPROVED FILL FACTOR



35	JP	2002-507340	03-05-2002	11-501011	06-01-1998	CMOS ACTIVE PIXEL SENSOR FOR USE IN IMAGING DEVICES COMPRISES A CMOS ACTIVE ELEMENT COUPLED TO A FLOATING DIFFUSION NODE AND AN OUTPUT LINE, SO THAT A VOLTAGE PRODUCED AT THE NODE BY A PHOTODETECTOR WILL PRODUCE AN OUTPUT LINE VOLTAGE IN ACCORDANCE WITH THE LIGHT SENSED BY THE PHOTODIODE
		ABANDONED				
35	KR	10-0555609	03-03-2006	10-1999-7011301	06-01-1998	CMOS IMAGE SENSOR WITH IMPROVED FILL FACTOR
		ABANDONED				
36	US	5969758	10-19-1999	08/867,654	06-02-1997	DC OFFSET AND GAIN CORRECTION FOR CMOS IMAGE SENSOR
36	WO	98/56170	12-10-1998	PCT/US98/11117	06-02-1998	DC OFFSET AND GAIN CORRECTION FOR CMOS IMAGE SENSOR
		ABANDONED				
36	AU	7711598	12-21-1998	77115/98	06-02-1998	DC OFFSET AND GAIN CORRECTION FOR CMOS IMAGE SENSOR
		ABANDONED				
36	DE	69831072	05-24-2006	19986031072	06-02-1998	DC OFFSET AND GAIN CORRECTION FOR CMOS IMAGE SENSOR
		ABANDONED				
36	EP	986900	03-22-2000	98925088.1	06-02-1998	DC OFFSET AND GAIN CORRECTION FOR CMOS IMAGE SENSOR
		ABANDONED				
36	FR	EP986900	03-08-2005	EP98925088.1	06-02-1998	DC OFFSET AND GAIN CORRECTION FOR CMOS IMAGE SENSOR
		ABANDONED				
36	GB	EP986900	03-08-2005	EP98925088.1	06-02-1998	DC OFFSET AND GAIN CORRECTION FOR CMOS IMAGE SENSOR
		ABANDONED				
36	JP	4206134 (2002-511215)	04-09-2002	11-502655	06-02-1998	DC OFFSET AND GAIN CORRECTION FOR CMOS IMAGE SENSOR INCLUDES COMPARISON OF DC OFFSET AND GAIN VALUES FOR EACH CDS CIRCUIT TO REFERENCE VALUES AND UPDATING OF COEFFICIENTS ACCORDING TO RESULTS OF COMPARISON
36	KR	10-0572206	01-19-2006	10-1999-7011300	06-02-1998	DC OFFSET AND GAIN CORRECTION FOR CMOS IMAGE SENSOR
		ABANDONED				
36	TW	411613	03-30-2001	87108079	05-25-1998	DC OFFSET AND GAIN CORRECTION FOR CMOS IMAGE SENSOR
		ABANDONED				
37	US	7324145	01-29-2008	10/766,648	01-27-2004	MULTIPLEXING PRISM CMOS IMAGERS TO A SINGLE DATA

37	EP	1453302	09-01-2004	2004392005	02-24-2004	BUS MULTIPLEXING CMOS IMAGERS TO A SINGLE DATA BUS
37	KR	ABANDONED 2004-076827	09-03-2004	200413071	02-26-2004	METHOD AND DEVICE FOR MULTIPLEXING PRISM CMOS IMAGERS TO DATA BUS WITH SINGLE FIXED SIZE
37	JP	ABANDONED 2004-260827	09-16-2004	2004049326	02-25-2004	MULTIPLEXING PRISM TYPE CMOS IMAGER TO SINGLE DATA BUS
38	US	ABANDONED 7554590	06-30-2009	10/744,566	12-23-2003	SIMULTANEOUS READOUT OF CMOS APS IMAGERS
38	EP	1453303	09-01-2004	2004392006	02-24-2004	SIMULTANEOUS READOUT OF ROWS IN CMOS APS IMAGERS
38	JP	ABANDONED 2004-260829	09-16-2004	2004049359	02-25-2004	SIMULTANEOUS READOUT OF CMOS APS IMAGERS
38	KR	ABANDONED 2004-076824	09-03-2004	2004013062	02-26-2004	METHOD FOR EFFECTIVELY AND PRODUCTIVELY READING CMOS IMAGERS HAVING DUAL ROW ACCESS CAPABILITY
38	US	7830431	11-09-2010	12/456,167	06-12-2009	SIMULTANEOUS READOUT OF CMOS APS IMAGERS
39	US	6535275	03-18-2003	09/772,361	01-30-2001	HIGH RESOLUTION 3-D IMAGING RANGE FINDER
40	US	6992713	01-31-2006	10/226,383	08-23-2002	FULLY INTEGRATED SOLID STATE IMAGER AND CAMERA CIRCUITRY
40	WO	03/19829 ABANDONED	01-27-2005	PCT/US02/268 18	08-23-2002	FULLY INTEGRATED SOLID STATE IMAGER AND CAMERA CIRCUITRY
40	CN	100389596	05-21-2008	2002802741	08-23-2002	FULLY INTEGRATED SOLID STATE IMAGER AND CAMERA CIRCUITRY
40	CN	1623322	06-01-2005	2002802741	08-23-2002	FULLY INTEGRATED SOLID STATE IMAGER AND CAMERA CIRCUITRY
40	EP	1522158	03-29-2006	2002768668	08-23-2002	FULLY INTEGRATED SOLID STATE IMAGER AND CAMERA CIRCUITRY
40	JP	ABANDONED 2005-510900	04-21-2005	2003524161	08-23-2002	FULLY INTEGRATED SOLID STATE IMAGER AND CAMERA CIRCUITRY
40	AU	ABANDONED 2331688	03-10-2003	2002331688	08-23-2002	FULLY INTEGRATED SOLID STATE IMAGER AND CAMERA CIRCUITRY
41	US	ABANDONED 6878918	04-12-2005	10/339,189	01-09-2003	APS PIXEL WITH RESET NOISE SUPPRESSION AND PROGRAMMABLE BINNING CAPABILITY

41	EP	1467410	04-12-2006	2004368002	01-08-2004	APS PIXEL WITH RESET NOISE SUPPRESSION AND PROGRAMMABLE BINNING CAPABILITY
		ABANDONED				
41	JP	2004-221585	08-15-2004	2004003819	01-09-2004	ACTIVE PIXEL SENSOR WITH RESET NOISE SUPPRESSION CAPABILITY IN IMAGING CIRCUIT, AND WITH PROGRAMMABLE BINNING CAPABILITY CAPABLE OF SELECTIVELY BINNING
		ABANDONED				
41	KR	2004-064239	07-16-2004	2004001696	01-09-2004	ACTIVE PIXEL SENSOR WITH RESET NOISE SUPPRESSION CAPABILITY IN IMAGING CIRCUIT, AND WITH PROGRAMMABLE BINNING CAPABILITY CAPABLE OF SELECTIVELY BINNING
		ABANDONED				
42	US	6911712	06-28-2005	10/439,925	05-16-2003	CMOS PIXEL USING VERTICAL STRUCTURE AND SUB-MICRON CMOS PROCESS
42	CN	1684266	10-19-2005	20040134368	04-14-2004	CMOS PIXEL USING VERTICAL STRUCTURE
		ABANDONED				
42	EP	1469521	06-28-2006	20040368027	04-14-2004	CMOS PIXEL USING VERTICAL STRUCTURE AND SUB-MICRON CMOS PROCESS
		ABANDONED				
42	JP	2004-320029	11-11-2004	2004118056	04-13-2004	CMOS PIXEL USING VERTICAL STRUCTURE AND SUB-MICRON CMOS PROCESS
		ABANDONED				
42	KR	2004-089589	10-21-2004	2004025699	04-14-2004	CMOS PIXEL USING VERTICAL STRUCTURE AND SUB-MICRON CMOS PROCESS TO SEPARATE COLOR FROM PIXEL
		ABANDONED				
43	US	7238993	07-03-2007	11/068,283	02-28-2005	CMOS PIXEL WITH DUAL GATE PMOS
43	EP	1467409	06-07-2006	2004368001	01-08-2004	CMOS PIXEL WITH DUAL GATE PMOS TRANSISTOR
		ABANDONED				
43	JP	2004-221586	08-05-2004	2004003825	01-09-2004	CMOS PIXEL WITH DUAL GATE PMOS
		ABANDONED				
43	KR	2004-064237	07-16-2004	20040001573	01-09-2004	CMOS PIXEL WITH DUAL GATE PMOS TRANSISTOR CHARACTERISTICS WITHOUT CHARACTERISTIC DEGRADATION IN MINIMAL SIZE
		ABANDONED				
43	US	6870209	03-22-2005	10/339,190	01-09-2003	CMOS PIXEL WITH DUAL GATE PMOS
43	US	7109537	09-19-2006	11/068,365	02-28-2005	CMOS PIXEL WITH DUAL GATE PMOS
43	US	7336530	02-26-2008	11/508,354	08-23-2006	CMOS PIXEL WITH DUAL GATE PMOS
44	US	6984812	01-10-2006	10/647,719	08-25-2003	AUTO REGISTERED COMPONENT RGB IMAGING

44	EP	1453323	09-01-2004	20040392007	02-24-2004	METHOD AUTO REGISTERED COMPONENT RGB IMAGING METHOD
44	JP	ABANDONED 2004-260830	09-16-2004	20040050715	02-26-2004	AUTO REGISTERED COMPONENT RGB IMAGING METHOD
44	KR	ABANDONED 2004-076825	09-03-2004	20040013063	02-26-2004	METHOD FOR EFFECTIVELY AND EASILY MANUFACTURING ELECTRONIC IMAGING SYSTEM, AND ELECTRONIC IMAGING SYSTEM THEREOF
45	US	7176544	02-13-2007	10/813,864	03-31-2004	RED/GREEN PIXEL WITH SIMULTANEOUS EXPOSURE AND IMPROVED MTF
45	EP	1469522	05-17-2006	20040368028	04-14-2004	RED/GREEN PIXEL WITH SIMULTANEOUS EXPOSURE AND IMPROVED MTF
45	JP	ABANDONED 2004-320031	11-11-2004	20040118585	04-14-2004	RED/GREEN PIXEL WITH SIMULTANEOUS EXPOSURE AND IMPROVED MTF
45	KR	ABANDONED 2004-089588	10-21-2004	20040025665	04-14-2004	RED-AND-GREEN PIXEL INCLUDING SIMULTANEOUS EXPOSURE AND IMPROVED MODULATION TRANSFER FUNCTION TO SEPARATE RED AND GREEN COLOR SIGNALS FROM SINGLE PIXEL
46	US	7317484	01-08-2008	10/753,638	01-08-2004	CMOS APS READOUT SCHEME THAT COMBINES RESET DRAIN CURRENT AND THE SOURCE FOLLOWER OUTPUT
46	EP	1453301	09-01-2004	20040392003	02-24-2004	CMOS APS READOUT SCHEME THAT COMBINES RESET DRAIN CURRENT AND THE SOURCE FOLLOWER OUTPUT
46	JP	2004-260828	09-16-2004	20040049330	02-25-2004	CMOS APS READOUT SCHEME THAT COMBINES RESET DRAIN CURRENT AND THE SOURCE FOLLOWER OUTPUT
46	KR	2004-076823	09-03-2004	20040013041	02-26-2004	CMOS APS READING METHOD FOR COMBINING RESET DRAIN CURRENT AND SOURCE FOLLOWER OUTPUT TO GREATLY REDUCE LOWER FREQUENCY NOISE
47	US	5949918	09-17-1999	08/912,660	08-18-1997	METHOD AND APPARATUS FOR PERFORMING IMAGE ENHANCEMENT
47	WO	98/53605	11-26-1998	PCT/US98/104 26	05-21-1998	METHOD AND APPARATUS FOR PERFORMING IMAGE ENHANCEMENT

47	DE	69836540	11-22-2007	19986036540	05-21-1998	METHOD AND APPARATUS FOR PERFORMING IMAGE ENHANCEMENT
47	EP	ABANDONED 983683	11-29-2006	19980923635	05-21-1998	METHOD AND APPARATUS FOR PERFORMING IMAGE ENHANCEMENT
47	GB	ABANDONED 983683	11-29-2006	19980923635	05-21-1998	METHOD AND APPARATUS FOR PERFORMING IMAGE ENHANCEMENT
47	JP	ABANDONED 2001-526867	12-18-2001	10-550644	05-21-1998	METHOD AND APPARATUS FOR PERFORMING IMAGE ENHANCEMENT
47	KR	ABANDONED 10-2001-0012745	12-18-2001	10-1999-7010706	05-21-1998	METHOD AND APPARATUS FOR PERFORMING IMAGE ENHANCEMENT
48	US	ABANDONED 7129975	10-31-2006	10/043,768	01-10-2002	ADDRESSABLE IMAGER WITH REAL TIME DEFECT DETECTION AND SUBSTITUTION
49	US	6897519	05-24-2005	10/627,796	07-25-2003	TUNNELING FLOATING GATE APS PIXEL
49	EP	1453102	09-01-2004	20040392004	02-24-2004	TUNNELING FLOATING GATE APS PIXEL
49	JP	ABANDONED 2004-260186	09-16-2004	2004050730	02-26-2004	TUNNELING FLOATING GATE APS PIXEL
49	KR	ABANDONED 2004-076832	09-03-2004	20040013108	02-26-2004	TUNNELING FLOATING GATE APS PIXEL FOR AVOIDING PROBLEMS CAUSED BY TUNNELING CURRENT IN RESET TRANSISTOR AND SAVING VARIABLE SPACE IN PIXEL
		ABANDONED				

50	US	8363042	01-29-2013	11/734075	05.04.2007	PHOTON TRANSFER CURVE TEST TIME REDUCTION
51	US	2012-0293671 A1	11-22-2012	13/068,650	05-16-2011	IMAGE STABILIZATION
52	US	2012-0293670 A1	11-22-2012	13/068,633	05-17-2011	FAST MEASUREMENT OF ALIGNMENT DATA OF A CAMERA SYSTEM
53	US	2012-0237147 A1	09-20-2012	13/065,278	03-18-2011	INTEGRATED BALL CAGE
54	US	5,134,489 EXPIRED	07-28-1992	07/634893	12-28-1990	X-Y ADDRESSABLE SOLID STATE IMAGER FOR LOW NOISE OPERATION
55	US	5134488	07-28-	07/635452	12-28-	X-Y ADDRESSABLE IMAGER

		EXPIRED	1992		1990	WITH VARIABLE INTEGRATION

**CONFIDENTIAL**

**EXHIBIT B**

**CONFIDENTIAL – Wire Information**

Trust Account:

RA Stephan Ruedlin / IV Digital Imaging System GmbH  
Deutsche Bank Privat- und Geschaeftskunden AG  
IBAN: DE51600700240125461441  
BIC: DEUTDEDBSTG

Escrow Account:

Bank: POSTBANK  
Account: PATRONUS IP/ DIGITAL IMAGING  
IBAN: DE17590100660901544668  
BIC: PBNKDEFF590  
Account Number: 0901544668  
Bank Code Number: 590 100 66

SRI International Account:

Bank: WELLS FARGO BANK, 400 HAMILTON AVENUE, PALO ALTO, CA 94301  
Account Name: SRI INTERNATIONAL  
Account Number: 4801-913435  
Routing Number: 121000248  
SWIFT code: WFBUS6S  
Seller Tax ID Number: 94-1160950

CONFIDENTIAL

EXHIBIT C

Maintenance Fees and Annuities that are Due

Foreign

Jurisdiction	Pub/Pat	Annuity Due	Amount
EP	2345929	07-31-2013	1020
EP	2345930	07-31-2013	1020
DE	69920687.1	05-31-2013	1637
KR	10-0552946	11-09-2013	384
KR	10-0555608	11-21-2013	330
JP	4206134	07-24-2013	1242
CN	100389596	08-23-2013	1019
TOTAL			\$6,652

US

US Patent No.	Deadline	Annuity Year	Amount
6911712	06-28-2013	8	3600
7554590	07-01-2013	4	1600
6320616	11-20-2013	12	7400
TOTAL			\$12,600



CONFIDENTIAL

EXHIBIT D

Exceptions to Seller's Representations and Warranties in Section 3.3

The following entities have received non-exclusive licenses under the Assigned Patents:

CARES Built, Inc.

ERSO/ITRI

National Semiconductor (terminated)

Eastman Kodak Company (assigned to Truesense Imaging, Inc.)

Sarnoff Corporation (assigned to SRI International)