

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Florin Nanu</td> <td>04/02/2009</td> </tr> <tr> <td>Peter Corcoran</td> <td>03/03/2009</td> </tr> <tr> <td>Cosmin Nicolae Stan</td> <td>04/02/2009</td> </tr> </tbody> </table>		Name	Execution Date	Florin Nanu	04/02/2009	Peter Corcoran	03/03/2009	Cosmin Nicolae Stan	04/02/2009		
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>FotoNation Ireland Limited</td> </tr> <tr> <td>Street Address:</td> <td>Cliona, Building One</td> </tr> <tr> <td>Internal Address:</td> <td>Parkmore East Business Park, Ballybrit</td> </tr> <tr> <td>City:</td> <td>Galway</td> </tr> <tr> <td>State/Country:</td> <td>IRELAND</td> </tr> </table>		Name:	FotoNation Ireland Limited	Street Address:	Cliona, Building One	Internal Address:	Parkmore East Business Park, Ballybrit	City:	Galway	State/Country:	IRELAND
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PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13306972</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13306972						
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Application Number:	13306972										
CORRESPONDENCE DATA											
Fax Number:	(415)449-6928										
Phone:	408-218-3315										
Email:	asmith@doc.com										
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>											
Correspondent Name:	FotoNation/DOC Patent Legal Dept.										
Address Line 1:	3025 Orchard Parkway										
Address Line 2:	Attn: Andrew V. Smith, Ph.D.										
Address Line 4:	San Jose, CALIFORNIA 95134										
ATTORNEY DOCKET NUMBER:	FN-242-DIV-US										
NAME OF SUBMITTER:	Andrew V. Smith, Reg. No. 43,132										
Total Attachments: 7											

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PATENT  
 REEL: 027524 FRAME: 0001

CH \$40.00 13306972

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**ASSIGNMENT**

WHEREAS Peter Corcoran, with others, made certain inventions or discoveries (or both) set forth in an Application for Letters Patent of the United States of America entitled:

**METHODS AND APPARATUSES FOR USING IMAGE ACQUISITION DATA TO DETECT AND CORRECT IMAGE DEFECTS**

\_\_\_\_\_ issued as U.S Patent No. \_\_\_\_\_  
X filed as U. S. Serial No. 12/362,399 on January 29, 2009  
\_\_\_\_\_ filed as PCT Serial No. \_\_\_\_\_ on \_\_\_\_\_  
\_\_\_\_\_ filed herewith

WHEREAS, FotoNation Ireland Limited, a Irish Limited Corporation with offices in Cliona, Building 1, Parkmore East Business Park, Ballybrit, Galway, Republic of Ireland, and who, together with its successors and assigns is hereinafter called "Assignee", is desirous of acquiring the entire right, title and interest together with the benefits and privileges hereinafter recited;

NOW, THEREFORE, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, effective as of the date this document is executed, hereby, without reservation;

1. Assign, transfer and convey to Assignee the entire right, title and interest together with the benefits and privileges in and to said inventions and discoveries, said Application for Letters Patent or similar forms of protection of the United States of America, and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation and convention applications based in whole or in part upon said inventions or discoveries, or upon said application, and any and all Letters Patent, reissues and extensions of Letters Patent or similar forms of protection granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;
2. Authorize Assignee to file patent applications in any or all countries or groups of countries on any or all of said inventions and discoveries in our name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or any other relevant convention or treaty or otherwise;
3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein, or otherwise as Assignee may direct;
4. Warrant that we have not knowingly conveyed to others any rights in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance;
5. Bind our heirs, legal representatives and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or




A handwritten signature is written over a circular stamp. The stamp contains the word "PATENT" at the bottom and some illegible text around the perimeter.

them, all acts reasonable serving to assure that said inventions and discoveries, said patent applications and said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in our control or in the control of our heirs, legal representatives or assigns which may be useful for establishing any facts of our conceptions, disclosures, and reduction to practice of said inventions or discoveries.

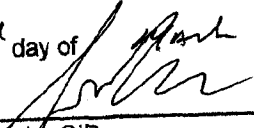
6. Assignors hereby authorize the Assistant Commissioner for Patent to record this Agreement.

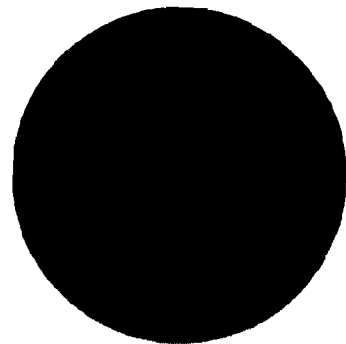
IN WITNESS WHEREOF

Date 3/3, 2009

  
\_\_\_\_\_  
Peter Corcoran

Subscribed to by Peter Corcoran  
with whose identities I have first satisfied  
myself  
this 3<sup>rd</sup> day of March 2009

  
\_\_\_\_\_  
Thomas St. John O'Dea  
Notary Public, Galway  
Commissioned for Life



APOSTILLE

(Convention de La Haye du 5 octobre 1961)

1 Country Ireland

This public document

2. has been signed by..... Thomas St. John O'Leary

3. acting in the capacity of..... Notary Public

4 bears the seal/stamp of.....

Certified

5. at Dublin..... 6. the 20/03/2009

7 by the Department of Foreign Affairs

8. No. 12746/09

9 Seal/Stamp:

10. Signature:

Orla Cooper

**ASSIGNMENT**

WHEREAS Florin Nanu and Cosmin Nicolae Stan, with others, made certain inventions or discoveries (or both) set forth in an Application for Letters Patent of the United States of America entitled:

**METHODS AND APPARATUSES FOR USING IMAGE ACQUISITION DATA TO DETECT AND CORRECT IMAGE DEFECTS**

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NOW, THEREFORE, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, effective as of the date this document is executed, hereby, without reservation,

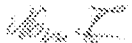
1. Assign, transfer and convey to Assignee the entire right, title and interest together with the benefits and privileges in and to said inventions and discoveries, said Application for Letters Patent or similar forms of protection of the United States of America, and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation and convention applications based in whole or in part upon said inventions or discoveries, or upon said application, and any and all Letters Patent, reissues and extensions of Letters Patent or similar forms of protection granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;
2. Authorize Assignee to file patent applications in any or all countries or groups of countries on any or all of said inventions and discoveries in our name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or any other relevant convention or treaty or otherwise;
3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein, or otherwise as Assignee may direct;
4. Warrant that we have not knowingly conveyed to others any rights in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance.

5. Bind our heirs, legal representatives and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonable serving to assure that said inventions and discoveries, said patent applications and said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in our control or in the control of our heirs, legal representatives or assigns which may be useful for establishing any facts of our conceptions, disclosures, and reduction to practice of said inventions or discoveries.

6. Assignors hereby authorize the Assistant Commissioner for Patent to record this Agreement.

IN WITNESS WHEREOF

Date 02-03, 2009

  
\_\_\_\_\_  
Florin Nanu

IN WITNESS WHEREOF

Date 02 . 04, 2009

  
\_\_\_\_\_  
Cosmin Nicolae Stan



**ROMANIA**  
**BNPA - BAIAS SI ASOCIATII**  
CALEA PLEVNEI NR.131A, sector 1, BUCURESTI,  
CIF RO 17092980  
Inregistrat la ANSPDCP sub nr.8282/2008  
tel/fax: 021.319.13.30; 021.319.13.31; 021.319.13.32

**ÎNCHEIERE DE LEGALIZARE DE SEMNĂTURĂ NR.2617**  
Anul 2009 Luna aprilie Ziaua 02

În fața mea, **CRISTEA DRAGOȘ CRISTIAN**, notar public, s-au prezentat:

- **STAN COSMIN-NICOLAE**, cetățean român, născut la data de 19.11.1982 în Mun. București, sector 2, domiciliat în Mun. București, Pri. Ghencea, nr.65B, bl.G, sc.3, et.4, ap.20, sector 6, identificat cu CI seria RR nr. 557044/02.02.2009 emisă de SPCEP S6 biroul nr.5, CNP 1821119420041,
- **NANU FLORIN**, cetățean român, născut la data de 05.05.1977 în Mun. București, sector 5, domiciliat în Mun. București str. Izvorul Troțușului nr.5, bl.D15, sc.2, ap.16, sector 4, identificat cu CI seria RR 412429/22.09.2006 emisă de SPCEP S4 biroul nr.3, CNP 1770505443033,

care au citit și au semnat prezentul înscris – ASSIGNMENT - în 2 exemplare.

Actul a fost redactat de parte și semnat la sediul biroului notarial.

S-a perceput onorariul notarial de 80 lei (inclusiv TVA) cu bonul fiscal nr. <sup>FF</sup> 301/2009 emis de Biroul notarial.

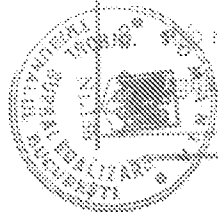
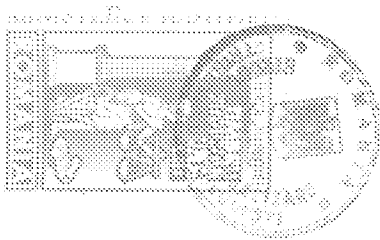
Se legalizează semnătura de pe prezentul înscris  
în temeiul art. 89 din Legea 36/1995.

NOTAR PUBLIC

PATENT

REEL: 027524 FRAME: 0008





APOSTILLE

(CONVENTION DE LA HAYE DU 5 OCTOBRE 1961)

1. ȚARA ROMÂNIA

Prezentul act oficial

2. a fost semnat de Christina S. S.

3. în calitate de NOTAR SUBSC

4. poartă sigiliu / stampila CROULUI NOTARIAL

Atestat la data 03 APR 2008

5. la BUCURESTI

7. de către TITLARIUL BUCURESTI

nr. 1446  
/ stampila

19 semnatura  
[Signature]

PATENT