

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| FotoNation Ireland Limited | 12/27/2004 |
| RECEIVING PARTY DATA | |
| Name: | FotoNation Vision Limited |
| Street Address: | Galway Business Park |
| Internal Address: | Dangan |
| City: | Galway City, County Galway |
| State/Country: | IRELAND |
| PROPERTY NUMBERS Total: 2 | |
| Property Type | Number |
| Application Number: | 12753907 |
| Application Number: | 12753910 |
| CORRESPONDENCE DATA | |
| Fax Number: | (408)321-8257 |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | |
| Phone: | 415-203-2782 |
| Email: | asmith@tessera.com |
| Correspondent Name: | Tessera/FotoNation 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-102D-DIV-CON -DIV2CON |
| NAME OF SUBMITTER: | Andrew V. Smith, Reg. No. 43,132 |

Total Attachments: 5
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**MEMORIALIZATION OF CORPORATE TO CORPOTATE ASSIGNMENT OF
PATENTS, APPLICATIONS, AND INVENTIONS**

WHEREAS, FOTONATION IRELAND LIMITED, an Irish Limited Liability Company having a place of business at Galway Business Park, Dangan, Galway City, County Galway, Republic of Ireland (hereinafter "ASSIGNOR") was the owner of all right, title and interest in Letters Patents and Applications therefore in Exhibit A, attached hereto and incorporated herein by reference.

WHEREAS, PATENT PROPERTY shall include each and all of the following:

- (a) the foregoing Letters Patent and applications therefore, including those listed in Exhibit A, and the inventions disclosed therein, and all embodiments of such inventions heretofore owned by and/or assigned to ASSIGNOR (all collectively hereafter termed "said inventions");
- (b) all rights to apply in any and all countries of the world for patents, certificates of invention or other governmental grants on said inventions, including the right to apply for patents pursuant to the International Convention for the Protection of Industrial Property or pursuant to any other convention, treaty, agreement or understanding;
- (c) any and all applications filed and any and all patents, certificates of invention or other governmental grants granted on said inventions in the United States or any other country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications;
- (d) each and every reissue or extension of any of said patents;
- (e) each and every patent claim resulting from a reexamination certificate for any and all of said patents, and
- (f) the right to sue for and all claims for damages, profits or other recovery resulting from infringement including past infringement, of any of the foregoing.

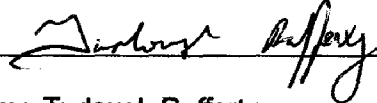
WHEREAS, FOTONATION VISION LIMITED, an Irish Limited Liability Company having a principal place of business at Galway Business Park, Dangan, Galway City, County Galway, Republic of Ireland (hereinafter "ASSIGNEE") has acquired from ASSIGNOR the entire right, title and interest in and to said Patent Property.

NOW THEREFORE, for good and valuable consideration acknowledge by said ASSIGNOR to have been received in full from said ASSIGNEE:

1. ASSIGNOR memorializes that ASSIGNOR has assigned, transferred and otherwise conveyed to ASSIGNEE, and ASSIGNEE's successors, legal representative and assigns, the entire right, title and interest in and to the PATENT PROPERTY.
2. ASSIGNOR further agrees to execute and cause to be executed such additional instruments as may be necessary or desirable to confirm the transfer of rights as herein contemplated, to record the transfer of rights in the United States and throughout the world, and to permit ASSIGNEE, and ASSIGNEE'S successors, legal representatives and assigns to enforce the PATENT PROPERTY.

IN WITNESS WHEREOF, ASSIGNOR has caused this instrument to be executed by its duly authorized corporate office and delivered to ASSIGNEE.

FOTONATION IRELAND LIMITED

By: 

Name: Turlough Rafferty

Title: Director, General Manager

Date: Dec 27th 2004

FOTONATION VISION LIMITED

By: 

Name: Eran Steinberg

Title: Director

Date: Dec 27th 2004

**MEMORIALIZATION OF CORPORATE TO CORPOTATE
ASSIGNMENT OF PATENTS, APPLICATIONS, AND
INVENTIONS**

Exhibit A

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| Docket No. | Type | Serial No./Publication No. | Filing Date/Publication Date | Title |
|-------------|-------------------------|-------------------------------|------------------------------|--|
| FN101-CIP | U.S. Patent Application | 10/635,862 US 2004/0223063 | 08/05/2003 11/11/2004 | Detecting Red Eye Filter Method and Apparatus Using Meta-Data |
| FN101-B | U.S. Patent Application | 10/635,918 US 2005/0031224 | 08/05/2003 02/10/2005 | Detecting Red Eye Filter and Apparatus Using Meta-Data |
| FN101-B-CIP | U.S. Patent Application | 10/773,092 US 2005/0140801 | 02/04/2004 06/30/2005 | Optimized Performance for Red-Eye Filter Method and Apparatus |
| FN101-CIP2 | U.S. Patent Application | 10/772,767 | 02/04/2004 | Optimized Performance and Performance for Red-Eye Filter Method and Apparatus |
| FN102-A | U.S. Patent Application | 10/608,810 | 06/26/2003 | Digital Image Processing Using Face Detection Information |
| FN102-B | U.S. Patent Application | 10/608,887 | 06/26/2003 | Perfecting of Digital Image Capture Parameters Within Acquisition Devices Using Face Detection |
| FN102-C | U.S. Patent Application | 10/608,888 | 06/26/2003 | Perfecting the Optics Within a Digital Image Acquisition Device Using Face Detection |
| FN102-D | U.S. Patent Application | 10/608,811 | 6/26/2003 | Perfecting the Effect of Flash Within an Image Acquisition Devices Using Face Detection |
| FN102-E | U.S. Patent Application | 10/608,772 | 6/26/2003 | Method of Improving Orientation and Color Balance of Digital Images Using Face Detection Information |
| FN102-E-CIP | U.S. Patent Application | 11/024,046 | 12/27/2004 | Detecting Orientation of Digital Images Using Face Detection Information |
| FN102-F | U.S. Patent Application | 10/608,784 | 06/26/2003 | Modification of Viewing Parameters for Digital Images Using Face Detection Information |

Initial SL Date 12/17/04 Initial JL Date 28-Dec-2004

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Exhibit A

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| Docket No. | Type | Serial No./Publication No. | Filing Date/Publication Date | Title |
|------------|-------------------------|-------------------------------------|------------------------------|---|
| FN102-G | U.S. Patent Application | 10/608,766 | 6/26/2003 | Digital Image Processing Composition Using Face Detection Information |
| FN102-H | U.S. Patent Application | 10/608,919 10/608,819 | 06/26/2003 | Digital Image Adjustable Compression and Resolution Using Face Detection Information |
| FN102-I | U.S. Patent Application | 10/608,824 | 06/26/2003 | Perfecting of Digital Image Parameters Within Rendering Devices Using Face Detection |
| FN104-A | U.S. Patent Application | 10/676,823 US 2005/0068446 | 09/30/2003 03/31/2005 | Automated Statistical Self-Calibrating Detection and Removal of Blemishes in Digital Images Based on Multiple Occurrences of Dust in Images |
| FN104-B | U.S. Patent Application | 10/677,134 US 2005/0068449 | 09/30/2003 03/31/2005 | Automated Statistical Self-Calibrating Detection and Removal of Blemishes in Digital Images Based on a Dust Map Developed from Actual Image Data |
| FN104-C | U.S. Patent Application | 10/677,139 US 2005/0068450 | 09/30/2003 03/31/2005 | Automated Statistical Self-Calibrating Detection and Removal of Blemishes in Digital Images Dependent Upon Changes in Extracted Parameter Values |
| FN104-D | U.S. Patent Application | 10/677,140 US 2005/0068451 | 09/30/2003 03/31/2005 | Automated Statistical Self-Calibrating Detection and Removal of Blemishes in Digital Images Based on Determining Probabilities Based on Image Analysis of Single Images |
| FN104-E | U.S. Patent Application | 10/676,820 US 2005/0078173 | 09/30/2003 04/14/2005 | Determination of Need to Service Based on Detection of Blemishes in Digital Images |

Initial SE Date 5/27/04 Initial JA Date 27-Dec-2004

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| Docket No. | Type | Serial No./Publication No. | Filing Date/Publication Date | Title |
|-------------|-------------------------|-------------------------------|------------------------------|---|
| FN104-E-CIP | U.S. Patent Application | 10/842,244 US 2005/0068452 | 05/10/2004 03/31/2005 | Digital Camera Built-in Lens Calibration Table |
| FN104-F | U.S. Patent Application | 10/676,845 US 2005/0068448 | 09/30/2003 03/31/2005 | Method of Detecting and Correcting Dust in Digital Images Based on Aura and Shadow Region Analysis |
| FN104-G | U.S. Patent Application | 10/676,716 US 2005/0068445 | 09/30/2003 03/31/2005 | Digital Camera |
| FN104-I | U.S. Patent Application | 10/676,835 US 2005/0068447 | 09/30/2003 03/31/3005 | Digital Image Acquisition and Processing System |
| FN103-A | U.S. Patent Application | 10/794,339 | 01/22/2004 | Classification and Organization of Consumer Digital Images Using Workflow, and Face Detection and Recognition |
| FN103-B | U.S. Patent Application | 10/764,336 | 01/22/2004 | Classification System for Consumer Digital Images Using Workflow and User Interface Modules, and Face Detection and Recognition |
| FN103-C | U.S. Patent Application | 10/764,335 | 01/22/2004 | Classification Database for Consumer Digital Images |
| FN103-D | U.S. Patent Application | 10/764,274 | 01/22/2004 | Classification System for Consumer Digital Images Using Workflow, Face Detection, Normalization, and Face Recognition |
| FN103-E | U.S. Patent Application | 10/763,801 | 01/22/2004 | Classification System for Consumer Digital Images Using Automatic Workflow and Face Detection and Recognition |

Initial SL Date 12/27/04 Initial JA Date 17-Dec-2004