

# PATENT ASSIGNMENT

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| SUBMISSION TYPE:                                                                                                                                               | NEW ASSIGNMENT                         |
| NATURE OF CONVEYANCE:                                                                                                                                          | ASSIGNMENT                             |
| <b>CONVEYING PARTY DATA</b>                                                                                                                                    |                                        |
| Name                                                                                                                                                           | Execution Date                         |
| FotoNation Vision Limited                                                                                                                                      | 10/01/2010                             |
| <b>RECEIVING PARTY DATA</b>                                                                                                                                    |                                        |
| Name:                                                                                                                                                          | Tessera Technologies Ireland Limited   |
| Street Address:                                                                                                                                                | Cliona, Building One                   |
| Internal Address:                                                                                                                                              | Parkmore East Business Park, Ballybrit |
| City:                                                                                                                                                          | Galway                                 |
| State/Country:                                                                                                                                                 | IRELAND                                |
| <b>PROPERTY NUMBERS Total: 2</b>                                                                                                                               |                                        |
| Property Type                                                                                                                                                  | Number                                 |
| Application Number:                                                                                                                                            | 12333221                               |
| Application Number:                                                                                                                                            | 12983863                               |
| <b>CORRESPONDENCE DATA</b>                                                                                                                                     |                                        |
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| Address Line 4:                                                                                                                                                | San Jose, CALIFORNIA 95134             |
| ATTORNEY DOCKET NUMBER:                                                                                                                                        | FN-143-DIV2-CON, -CON2                 |
| NAME OF SUBMITTER:                                                                                                                                             | Andrew V. Smith, Reg. No. 43,132       |
| Total Attachments: 5<br>source=2010-10-01_Executed_Assignment_FN_Vision_to_TTI_#page1.tif<br>source=2010-10-01_Executed_Assignment_FN_Vision_to_TTI_#page2.tif |                                        |

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**PATENT**  
**REEL: 025602 FRAME: 0493**

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## ASSIGNMENT

THIS DEED OF ASSIGNMENT ("Assignment") has an effective date of June 1, 2010 and IS MADE BY AND BETWEEN

FotoNation Vision Limited (hereinafter "ASSIGNOR") a corporation organized under the laws of Ireland, having a place of business at Cliona, Building One, Parkmore East Business Park, Ballybrit, Galway, Ireland, and

Tessera Technologies Ireland Limited (hereinafter "ASSIGNEE") a corporation organized under the laws of Ireland having a place of business at Cliona, Building One, Parkmore East Business Park, Ballybrit, Galway, Ireland.

WHEREAS:

- A ASSIGNOR is the sole owner in respect of the patents and patent applications listed in the attached Exhibit (hereinafter "the PATENTS"); and
- B ASSIGNEE is desirous of acquiring all of the worldwide right, title and interest in and to the PATENTS and the inventions disclosed therein.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNOR has sold, assigned and transferred, and does hereby sell, assign and transfer to ASSIGNEE all of the worldwide right, title and interest in (i) the PATENTS and the inventions disclosed therein; (ii) all reissue, divisional, continuation, continuations-in-part, extension, renewal, re-examination, and other patent applications and patents resulting from the PATENTS; and (iii) all rights corresponding to any of the PATENTS throughout the world (including the right to claim the priority date of any of the PATENTS, the same to be held and enjoyed by the same ASSIGNEE for its own use and enjoyment, and for the use and enjoyment of its successors, assigns and other legal representatives, to the end of the term or terms of said PATENTS granted or reissued or reexamined as fully and entirely as the same would have been held and enjoyed by ASSIGNOR, if this assignment and sale had not been made, together with all claims for damages by reason of past infringement of said PATENTS, with the right to sue for, and collect the same for its own use and behoof, and for the use and behoof of its successors, assigns, or other legal representatives.

IN WITNESS WHEREOF, ASSIGNOR has caused these presents to be signed by its duly appointed trustee having full authority to convey its property; and ASSIGNEE has caused these presents to be signed by its duly appointed trustee.

And if the issue date and/or patent number of any of the PATENTS is unknown to ASSIGNOR and ASSIGNEE at the time this Assignment is executed, ASSIGNOR does hereby authorize its attorneys to insert on this Assignment the issue date and patent number of said any patent when known.

ASSIGNOR hereby declares that ASSIGNEE may take the steps for recordal of this assignment in the sole name of ASSIGNEE.

ASSIGNOR hereby undertakes that it shall, without further consideration, but at the expense of ASSIGNEE, execute all documents and do all such acts and things as ASSIGNEE may in its absolute discretion consider necessary or desirable to enable Letters Patent or any other

form of protection to be issued in respect of any of said PATENTS and the inventions disclosed therein in any part of the world and to vest the same in the name of ASSIGNEE free from all encumbrances and to enable or to assist ASSIGNEE to defend oppositions thereto, to maintain the PATENTS and to prosecute for the infringement thereof.

SIGNED for and on behalf of  
ASSIGNOR FotoNation Vision Limited

By Michael Anthofer on 1 OCT 2010 (date)  
(Signature)

MICHAEL ANTHOFER DIRECTOR  
(Print Name and Position)

SIGNED for and on behalf of  
ASSIGNEE Tessera Technologies Ireland Limited

By Michael Anthofer on 1 OCT 2010 (date)  
(Signature)

MICHAEL ANTHOFER DIRECTOR  
(Print Name and Position)

# APPENDIX -- ASSIGNED PATENTS AND PATENT APPLICATIONS

(Filing Dates in MM/DD/YY Format) (Month/Day/Year)

(Publication Dates in MM/DD/YY Format)

(Grant Dates in MM/DD/YY Format)

| Application No. | Filing Date | Publication No. | Publication Date | Patent No. | Grant Date |
|-----------------|-------------|-----------------|------------------|------------|------------|
| 10/608,766      | 06/26/03    | 20060204054     | 09/14/06         | 7317815    | 01/08/08   |
| 10/608,772      | 06/26/03    |                 |                  | 7440593    | 10/21/08   |
| 10/608,784      | 06/26/03    | 20060204034     | 09/14/06         |            |            |
| 10/608,810      | 06/26/03    | 20060204055     | 09/14/06         | 7574016    | 08/11/09   |
| 10/608,811      | 06/26/03    | 20060204056     | 09/14/06         | 7471846    | 12/30/08   |
| 10/608,819      | 06/26/03    | 20060204057     | 09/14/06         | 7269292    | 09/11/07   |
| 10/608,824      | 06/26/03    | 20060215924     | 09/28/06         | 7315630    | 01/01/08   |
| 10/608,887      | 06/26/03    | 20060203107     | 09/14/06         | 7616233    | 11/10/09   |
| 10/608,888      | 06/26/03    | 20060203108     | 09/14/06         | 7362368    | 04/22/08   |
| 10/635,862      | 08/05/03    | 20040223063     | 11/11/04         | 7630006    | 12/08/09   |
| 10/676,716      | 09/30/03    | 20050068445     | 03/31/05         | 7315658    | 01/01/08   |
| 10/676,820      | 09/30/03    | 20050078173     | 04/14/05         | 7676110    | 03/09/10   |
| 10/676,823      | 09/30/03    | 20050068446     | 03/31/05         | 7369712    | 05/06/08   |
| 10/676,835      | 09/30/03    | 20050068447     | 03/31/05         | 7206461    | 04/17/07   |
| 10/676,845      | 09/30/03    | 20050068448     | 03/31/05         | 7310450    | 12/18/07   |
| 10/677,134      | 09/30/03    | 20050068449     | 03/31/05         | 7308156    | 12/11/07   |
| 10/677,139      | 09/30/03    | 20050068450     | 03/31/05         | 7340109    | 03/04/08   |
| 10/677,140      | 09/30/03    | 20050068451     | 03/31/05         | 7424170    | 09/09/08   |
| 10/763,801      | 01/22/04    |                 |                  | 7564994    | 07/21/09   |
| 10/764,274      | 01/22/04    |                 |                  | 7555148    | 06/30/09   |
| 10/764,335      | 01/22/04    |                 |                  | 7587068    | 09/08/09   |
| 10/764,336      | 01/22/04    |                 |                  | 7558408    | 07/07/09   |
| 10/764,339      | 01/22/04    |                 |                  | 7551755    | 06/23/09   |
| 10/772,767      | 02/04/04    |                 |                  | 7352394    | 04/01/08   |
| 10/773,092      | 02/04/04    | 20050140801     | 06/30/05         |            |            |
| 10/842,244      | 05/10/04    | 20050068452     | 03/31/05         | 7590305    | 09/15/09   |
| 10/919,226      | 08/16/04    | 20050041121     | 02/24/05         | 7738015    | 06/15/10   |
| 10/976,336      | 10/28/04    | 20060093212     | 05/04/06         | 7536036    | 05/19/09   |
| 10/985,650      | 11/10/04    | 20060098237     | 05/11/06         | 7639888    | 12/29/09   |
| 10/985,657      | 11/10/04    | 20060098890     | 05/11/06         | 7636486    | 12/22/09   |
| 10/986,562      | 11/10/04    | 20060098891     | 05/11/06         | 7639889    | 12/29/09   |
| 11/024,046      | 12/27/04    | 20060204110     | 09/14/06         | 7565030    | 07/21/09   |
| 11/027,001      | 12/29/04    | 20060140455     | 06/29/05         | 7715597    | 05/11/10   |
| 11/123,961      | 05/06/05    | 20060282551     | 12/14/06         | 7694048    | 04/06/10   |
| 11/123,971      | 05/06/05    | 20060093213     | 05/04/06         | 7436998    | 10/14/08   |
| 11/123,972      | 05/06/05    | 20060282572     | 12/14/06         | 7685341    | 03/23/10   |
| 11/156,234      | 06/17/05    | 20060285502     | 12/21/06         | 7506057    | 03/17/09   |
| 11/156,235      | 06/17/05    | 20060288071     | 12/21/06         | 7747596    | 06/29/10   |
| 11/217,788      | 08/30/05    | 20060039690     | 02/23/06         | 7606417    | 10/20/09   |
| 11/233,513      | 09/21/05    | 20060120599     | 06/08/06         | 7587085    | 09/08/09   |
| 11/282,954      | 11/18/05    | 20070116379     | 05/24/07         | 7689009    | 03/30/10   |
| 11/282,955      | 11/18/05    | 20070116380     | 05/24/07         | 7599577    | 10/06/09   |
| 11/294,628      | 12/02/05    | 20060284982     | 12/21/06         | 7792970    | 09/07/10   |

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|-----------------|-------------|-----------------|------------------|------------|------------|
| 11/319,766      | 12/27/05    | 20070147820     | 06/28/07         | 7692696    | 04/06/10   |
| 11/421,027      | 05/30/06    | 20060285754     | 12/21/06         | 7680342    | 03/16/10   |
| 11/460,218      | 07/26/06    | 20070201724     | 08/30/07         | 7792335    | 09/07/10   |
| 11/460,225      | 07/26/06    | 20070201725     | 08/30/07         |            |            |
| 11/460,227      | 07/26/06    | 20070201726     | 08/30/07         | 7551754    | 06/23/09   |
| 11/462,035      | 08/02/06    | 20080240555     | 10/02/08         |            |            |
| 11/464,083      | 08/11/06    |                 |                  | 7315631    | 01/01/08   |
| 11/554,539      | 10/30/06    | 20070110305     | 05/17/07         |            |            |
| 11/566,180      | 12/01/06    | 20070058073     | 03/15/07         | 7660478    | 02/09/10   |
| 11/573,713      | 02/14/07    | 20090273685     | 11/05/09         |            |            |
| 11/624,683      | 01/18/07    | 20080175481     | 07/24/08         |            |            |
| 11/673,560      | 02/10/07    | 20070189748     | 08/16/07         | 7469071    | 12/23/08   |
| 11/673,577      | 02/10/07    | 20070122056     | 05/31/07         | 7295233    | 11/13/07   |
| 11/674,633      | 02/13/07    | 20070189606     | 08/16/07         | 7336821    | 02/26/08   |
| 11/674,650      | 02/13/07    | 20070189757     | 08/16/07         | 7702236    | 04/20/10   |
| 11/688,236      | 03/19/07    | 20070160307     | 07/12/07         |            |            |
| 11/690,834      | 03/25/07    | 20070263104     | 11/15/07         |            |            |
| 11/690,836      | 03/25/07    | 20080231713     | 09/25/08         | 7773118    | 08/10/10   |
| 11/744,020      | 05/03/07    | 20070269108     | 11/22/07         |            |            |
| 11/752,925      | 05/24/07    | 20080292193     | 11/27/08         |            |            |
| 11/753,098      | 05/24/07    | 20070296833     | 12/27/07         |            |            |
| 11/753,397      | 05/24/07    | 20080037838     | 02/14/08         | 7403643    | 07/22/08   |
| 11/761,647      | 06/12/07    | 20080013798     | 01/17/08         |            |            |
| 11/764,578      | 06/18/07    | 20080309770     | 12/18/08         |            |            |
| 11/765,212      | 06/19/07    | 20080037839     | 02/14/08         | 7460694    | 12/02/08   |
| 11/765,307      | 06/19/07    | 20080037827     | 02/14/08         | 7469055    | 12/23/08   |
| 11/765,899      | 06/20/07    | 20080013799     | 01/17/08         |            |            |
| 11/765,967      | 06/20/07    | 20080013800     | 01/17/08         | 7630527    | 12/08/09   |
| 11/766,674      | 06/21/07    | 20080037840     | 02/14/08         | 7460695    | 12/02/08   |
| 11/769,206      | 06/27/07    | 20080002060     | 01/03/08         | 7474341    | 01/06/09   |
| 11/772,427      | 07/02/07    | 20080043121     | 02/21/08         |            |            |
| 11/773,815      | 07/05/07    | 20080043122     | 02/21/08         | 7702136    | 04/20/10   |
| 11/773,855      | 07/05/07    | 20090102949     | 04/23/09         | 7693311    | 04/06/10   |
| 11/773,868      | 07/05/07    | 20080019565     | 01/24/08         | 7466866    | 12/16/08   |
| 11/833,224      | 08/02/07    | 20080031498     | 02/07/08         | 7515740    | 04/07/09   |
| 11/835,790      | 08/08/07    | 20090115915     | 05/07/09         |            |            |
| 11/836,744      | 08/09/07    | 20080075385     | 03/27/08         |            |            |
| 11/836,773      | 08/09/07    | 20080069433     | 03/20/08         | 7551800    | 06/23/09   |
| 11/841,855      | 08/20/07    | 20080049970     | 02/28/08         |            |            |
| 11/856,721      | 09/18/07    | 20080219581     | 09/11/08         |            |            |
| 11/859,164      | 09/21/07    | 20090080796     | 03/26/09         |            |            |
| 11/861,257      | 09/25/07    | 20090080797     | 03/26/09         |            |            |
| 11/861,854      | 09/26/07    | 20090080713     | 03/26/09         |            |            |
| 11/936,085      | 11/07/07    | 20080112599     | 05/15/08         |            |            |
| 11/937,377      | 11/08/07    | 20090123063     | 05/14/09         |            |            |
| 11/938,152      | 11/09/07    | 20080055433     | 03/06/08         | 7683946    | 03/23/10   |
| 11/941,956      | 11/18/07    | 20080143854     | 06/19/08         |            |            |
| 12/026,484      | 02/05/08    | 20090196466     | 08/06/09         |            |            |
| 12/032,595      | 02/15/08    | 20080144965     | 06/19/08         | 7536060    | 05/19/09   |
| 12/032,670      | 02/16/08    | 20080144966     | 06/19/08         | 7536061    | 05/19/09   |
| 12/035,416      | 02/21/08    | 20080186389     | 08/07/08         |            |            |

| Application No. | Filing Date | Publication No. | Publication Date | Patent No. | Grant Date |
|-----------------|-------------|-----------------|------------------|------------|------------|
| 12/036,421      | 02/25/08    | 20080152255     | 06/26/08         | 7545995    | 06/09/09   |
| 12/038,147      | 02/27/08    | 20080205712     | 08/28/08         |            |            |
| 12/063,089      | 02/06/08    | 20090263022     | 10/22/09         |            |            |
| 12/119,614      | 05/13/08    | 20080211937     | 09/04/08         | 7787022    | 08/31/10   |
| 12/167,500      | 07/03/08    | 20080267461     | 10/30/08         |            |            |
| 12/187,763      | 08/07/08    | 20080292183     | 11/27/08         |            |            |
| 12/192,335      | 08/15/08    | 20080298679     | 12/04/08         |            |            |
| 12/192,897      | 08/15/08    | 20080316341     | 12/25/08         |            |            |
| 12/194,148      | 08/19/08    | 20090027520     | 01/29/09         | 7746385    | 06/29/10   |
| 12/198,533      | 08/26/08    | 20100054533     | 03/04/10         |            |            |
| 12/198,621      | 08/26/08    | 20100054549     | 03/04/10         |            |            |
| 12/199,680      | 08/27/08    | 20090046161     | 02/19/09         | 7676108    | 03/09/10   |
| 12/199,710      | 08/27/08    | 20080316321     | 12/25/08         | 7697778    | 04/13/10   |
| 12/203,807      | 09/03/08    | 20090003661     | 01/01/09         |            |            |
| 12/206,617      | 09/08/08    | 20090002514     | 01/01/09         |            |            |
| 12/253,839      | 10/17/08    | 20090040342     | 02/12/09         |            |            |
| 12/262,024      | 10/30/08    | 20090087042     | 04/02/09         |            |            |
| 12/262,037      | 10/30/08    | 20090087030     | 04/02/09         | 7634109    | 12/15/09   |
| 12/262,061      | 10/30/08    | 20090052749     | 02/26/09         |            |            |
| 12/262,071      | 10/30/08    | 20090052750     | 02/26/09         |            |            |
| 12/331,334      | 12/09/08    | 20090141144     | 06/04/09         | 7684630    | 03/23/10   |
| 12/418,987      | 04/06/09    | 20090238410     | 09/24/09         |            |            |
| 12/482,305      | 06/10/09    | 20090245693     | 10/01/09         |            |            |
| 12/543,405      | 08/18/09    | 20090304278     | 12/10/09         |            |            |
| 12/558,859      | 09/14/09    |                 |                  |            |            |
| 12/562,833      | 09/18/09    | 20100008577     | 01/14/10         | 7796816    | 09/14/10   |
| 12/637,664      | 12/14/09    | 20100220899     | 09/02/10         |            |            |
| 12/639,727      | 12/16/09    | 20100201827     | 08/12/10         |            |            |
| 12/640,521      | 12/17/09    | 20100182454     | 07/22/10         |            |            |
| 12/661,033      | 03/08/10    |                 |                  |            |            |
| 12/702,092      | 02/08/10    | 20100201826     | 08/12/10         |            |            |
| 12/707,531      | 02/17/10    |                 |                  |            |            |
| 12/708,654      | 02/19/10    |                 | 06/10/10         |            |            |
| 12/712,006      | 02/24/10    | 20100149371     | 06/17/10         | 7796822    | 09/14/10   |
| 12/712,126      | 02/24/10    |                 | 06/10/10         |            |            |
| 12/719,620      | 03/08/10    | 20100165140     | 07/01/10         |            |            |
| 12/724,391      | 03/15/10    | 20100182458     | 07/22/10         |            |            |
| 12/753,907      | 04/05/10    | 20100188525     | 07/29/10         |            |            |
| 12/753,910      | 04/05/10    | 20100188530     | 07/29/10         |            |            |
| 12/755,097      | 04/06/10    | 20100194895     | 08/05/10         |            |            |
| 12/755,338      | 04/06/10    |                 |                  |            |            |
| 12/764,650      | 04/21/10    | 20100202707     | 08/12/10         |            |            |
| 12/789,300      | 05/27/10    |                 |                  |            |            |
| 12/881,182      | 09/14/10    |                 |                  |            |            |
| 12/890,185      | 09/24/10    |                 |                  |            |            |