

## PATENT ASSIGNMENT

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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>Andrew Neil Stein</td> <td>10/21/2009</td> </tr> <tr> <td>Bartholmeus Christianus Leonardus NABBE</td> <td>10/22/2009</td> </tr> <tr> <td>Casey Arthur Smith</td> <td>10/23/2009</td> </tr> <tr> <td>James Andrew Bagnell</td> <td>11/01/2009</td> </tr> <tr> <td>David Allen Tolliver</td> <td>11/01/2009</td> </tr> </tbody> </table>		Name	Execution Date	Andrew Neil Stein	10/21/2009	Bartholmeus Christianus Leonardus NABBE	10/22/2009	Casey Arthur Smith	10/23/2009	James Andrew Bagnell	11/01/2009	David Allen Tolliver	11/01/2009
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<table border="1"> <tr> <td>Name:</td> <td>Tandent Vision Science, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>505 Montgomery Street</td> </tr> <tr> <td>City:</td> <td>San Francisco</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>94111</td> </tr> </table>		Name:	Tandent Vision Science, Inc.	Street Address:	505 Montgomery Street	City:	San Francisco	State/Country:	CALIFORNIA	Postal Code:	94111		
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CORRESPONDENCE DATA													
<p>Fax Number: 2127362427  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 2127361940        Email: sperez@ddkpatent.com        Correspondent Name: DAVIDSON, DAVIDSON &amp; KAPPEL, LLC.        Address Line 1: 485 SEVENTH AVENUE        Address Line 2: 14th FLOOR        Address Line 4: NEW YORK CITY, NEW YORK 10018</p>													
ATTORNEY DOCKET NUMBER:	590												
NAME OF SUBMITTER:	William C. Gehris, Reg. No. 38,156												

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Signature:	/williamcgehris/
Date:	08/30/2013
Total Attachments: 3 source=ExecAssign28Aug13#page1.tif source=ExecAssign28Aug13#page2.tif source=ExecAssign28Aug13#page3.tif	

## ASSIGNMENT

WHEREAS, I (We), Andrew Neil STEIN, residing at 35 Yoder St., Pittsburgh, PA 15207; Bartholomeus Christianus Leonardus NABBE, residing at 6861 NE Vinings Way #1552, Hillsboro, OR 97124; Casey Arthur SMITH, residing at 2013 Overlook Dr, Grand Junction, CO 81505; James Andrew BAGNELL, residing at 7428 Richland Manor Drive, Pittsburgh, PA 15208; and David Allen TOLLIVER, residing at 4102 Butler St #2, Pittsburgh, PA 15201, ASSIGNOR(S), have invented certain new and useful improvements in **METHOD AND SYSTEM FOR LEARNING A SAME-MATERIAL CONSTRAINT IN AN IMAGE**, an application for a Patent of the United States for which:

\_\_\_ I (we) am (are) about to execute;  
\_\_\_ was executed on \_\_\_\_\_ (date(s));  
X is identified by Davidson, Davidson & Kappel, LLC, Docket No. 590.1029;  
X was filed on September 15, 2009 as US Serial No. 12/584,910;  
\_\_\_ I (we) hereby authorize and request our attorney, Davidson, Davidson & Kappel, LLC of 485 Seventh Avenue, 14<sup>th</sup> Floor, New York, New York 10018 to insert here in parentheses (Application number \_\_\_\_\_, filed \_\_\_\_\_) the filing date and application number of said application when known; and

WHEREAS, **Tandent Vision Science, Inc., 505 Montgomery Street, San Francisco, CA 94111**, ASSIGNEE, is desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me (us) in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I (we), the said ASSIGNOR(S), have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and

I (WE) HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as


aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument; and

I (WE) HEREBY covenant and agree that I (we) have full right to convey the entire interest herein assigned, and that I (we) have not executed, and will not execute, any agreement in conflict herewith; and

I (WE) HEREBY further covenant and agree that I (we) will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, I (we) hereunto set my (our) hand(s) and seal(s) the day and year set opposite my (our) signature(s).

Dated: 10/21/09

  
Andrew Neil STEIN

Dated: 10/22/09

  
Bartholomeus Christianus  
Leonardus NABBE


Dated: 10/23/09

  
Casey Arthur SMITH

Dated: 11/1/09

  
James Andrew BAGNELL

Dated: 11/1/09

  
David Allen TOLLIVER

ASSIGNMENT

Docket No.: 590.1026

3 of 3

RECORDED: 08/30/2013

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REEL: 031115 FRAME: 0474