

07-18-2007

Form PTO-1595 (Rev. 07/05)  
OMB No. 0651-0027 (exp. 6/30/2008)U.S. DEPARTMENT OF COMMERCE  
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PATENTS ONLY

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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)**Richard Mark FRIEDHOFF  
Casey Arthur SMITH  
Steven Joseph BUSHELLAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) 06/11/2007; 06/14/2007; 06/14/2007

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

**2. Name and address of receiving party(ies)**

Name: Tandent Vision Science, Inc.

Internal Address: \_\_\_\_\_

Street Address: 505 Montgomery Street

City: San Francisco

State: CA

Country: USA Zip: 94111

Additional name(s) & address(es) attached? ☐ Yes ☒ No**4. Application or patent number(s):**☐ This document is being filed together with a new application.

A. Patent Application No.(s)

11/799,095

B. Patent No.(s)

07/17/2007 DBYRNE 00000042 11799095

(40.00 OP)

07/17/2007  
01 FC:8021Additional numbers attached? ☐ Yes ☒ No**5. Name and address to whom correspondence concerning document should be mailed:**

Name: William C. Gehris

Internal Address: Davidson, Davidson &amp; Kappel, LLC

Street Address: 485 Seventh Avenue

City: New York

State: NY Zip: 10018

Phone Number: (212) 736 1940

Fax Number: (212) 736 2427

Email Address: ddk@ddkpatent.com

**6. Total number of applications and patents involved: 1****7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00**

- ☐ Authorized to be charged by credit card  
☐ Authorized to be charged to deposit account  
☒ Enclosed  
☐ None required (government interest not affecting title)

**8. Payment Information**

a. Credit Card Last 4 Numbers \_\_\_\_\_

Expiration Date \_\_\_\_\_

b. Deposit Account Number 50-0552

Authorized User Name \_\_\_\_\_

**9. Signature:**

Signature

July 12, 2007

Date

Felix L. D'Arienzo, Jr., Reg. No. 27,631

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

3

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450PATENT  
REEL: 019630 FRAME: 0911

**ASSIGNMENT**

WHEREAS, I (We), Richard Mark FRIEDHOFF, residing at 106 Central Park South, Apt. 5M, New York, NY 10019; Casey Arthur SMITH, residing at 220 Ridgedale Road, Ithaca, NY 14850; and Steven Joseph BUSHELL, residing at 31 Wildflower Drive, Cranston, RI 02921, ASSIGNOR(S), have invented certain new and useful improvements in **METHOD AND SYSTEM FOR OPTIMIZING AN IMAGE FOR IMPROVED ANALYSIS OF MATERIAL AND ILLUMINATION IMAGE FEATURES**, 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. 590.1015;  
 X was filed on April 30, 2007 Serial No. 11/799,095  
 \_\_\_ 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).

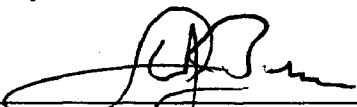
Dated: June 11, 2007

  
Richard Mark Friedhoff

Dated: June 14, 2007

  
Casey Arthur Smith

Dated: June 14, 2007

  
Steven Joseph Bushell

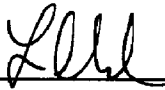
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I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:

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Date



Signature

Liana Chirila

Typed or printed name of person signing Certificate

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Re.: Docket No.: 590.1015  
Applicant(s): FRIEDHOFF et al.  
Serial No.: 11/799,095  
Invention: METHOD AND SYSTEM FOR OPTIMIZING AN IMAGE FOR IMPROVED ANALYSIS OF  
MATERIAL AND ILLUMINATION IMAGE FEATURES  
Filing Date: April 30, 2007

- Recordation Form Cover Sheet (1 page)
- Copy of executed Assignment (2 pages)
- Check in the amount of \$40.00
- Return receipt postcard

This collection of information is required by 37 CFR 1.8. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.8 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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RECORDED: 07/16/2007

PATENT  
REEL: 019630 FRAME: 0914