


Client Code: OPTRES.057A4

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To the Director, U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies): (List using letters or numbers for multiple parties)</p> <p>William J. Cassarly</p> <p>Additional name(s) of conveying party(ies) attached?</p> <p>( ) Yes (X) No</p>	<p>2. Name and address of receiving party(ies):</p> <p><b>Name:</b> Optical Research Associates</p> <p><b>Street Address:</b> 3280 East Foothill Boulevard Suite 300</p> <p><b>City:</b> Pasadena <b>State:</b> CA</p> <p><b>ZIP:</b> 91107</p> <p>Additional name(s) of receiving party(ies) attached?</p> <p>( ) Yes (X) No</p>
<p>3. Nature of conveyance:</p> <p>(X) Assignment ( ) Security Agreement</p> <p>( ) Merger ( ) Change of Name</p> <p>( ) Other:</p> <p>Execution Date: (List as in section 1 if multiple signatures)</p> <p>18 January 2007</p>	<p>4. US or PCT Application number(s) or US Patent number(s):</p> <p>(X) Patent Application No.: 11/594,699</p> <p>Filing Date: 8 November 2006</p> <p>Additional numbers attached?</p> <p>( ) Yes (X) No</p>
<p>5. Party to whom correspondence concerning document should be mailed:</p> <p><b>Customer No.</b> 20,995</p> <p><b>Address:</b> Knobbe, Martens, Olson &amp; Bear, LLP 2040 Main Street, 14<sup>th</sup> Floor Irvine, CA 92614</p> <p><b>Return Fax:</b> (949) 760-9502</p> <p><b>Attorney's Docket No.:</b> OPTRES.057A4</p>	<p>6. Total number of applications and patents involved: 1</p>
<p>7. Total fee (37 CFR 1.21(h)): \$40</p> <p>(X) Authorized to be charged to deposit account</p>	<p>8. Deposit account number: 11-1410</p> <p>Please charge this account for any additional fees which may be required, or credit any overpayment to this account.</p>
<p>9. Statement and signature.</p> <p>To the best of my knowledge and belief, the foregoing information is true and correct, and any attached copy is a true copy of the original document.</p> <p><u>Kyle F. Schlueter</u> Name of Person Signing</p> <p><u></u> Signature</p> <p><u>24 Jan 07</u> Date</p> <p>54,912 Registration No.</p> <p>Total number of pages including cover sheet, attachments and document: 3</p>	

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**PATENT**  
**REEL: 018815 FRAME: 0440**

Application No.: 11/594,699  
Filing Date: November 8, 2006

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### ASSIGNMENT

WHEREAS, I, William J. Cassarly, a United States citizen, residing at 1100 Hunt Club Drive, Wooster, Ohio 44691, together with Steven R. Chapman, a United States citizen, residing at 3029 Applegate Lane, Glenview, IL 60025, have invented certain new and useful improvements in LIGHT ENHANCING STRUCTURES WITH MULTIPLE ARRAYS OF ELONGATE FEATURES OF VARYING CHARACTERISTICS for which we have executed an application for Letters Patent in the United States, which was filed on November 8, 2006 as U.S. Patent Application No. 11/594,699;

AND WHEREAS, Optical Research Associates (hereinafter "ASSIGNEE"), a California Corporation, with its principal place of business at 3280 East Foothill Boulevard, Suite 300, Pasadena, California 91107, desires to acquire my entire right, title, and interest in and to said improvements and said Application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, said inventor, do hereby acknowledge that I have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto said ASSIGNEE, its successors, legal representatives and assigns, my entire right, title, and interest throughout the world in, to and under said improvements, and said application and all provisional applications relating thereto, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and I hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I DO HEREBY sell, assign, transfer, and convey to ASSIGNEE, his successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said Letters Patent before or after issuance.

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

Application No.: 11/594,699  
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IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 18th day of  
January, 2007

William J. Cassarly  
William J. Cassarly

STATE OF Ohio }  
COUNTY OF Wayne } ss.

On 1-18-07, before me, Bonita L Roman, notary public,  
personally appeared William J. Cassarly personally known to me (or proved to me on the basis  
of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within  
instrument, and acknowledged to me that he executed the same in his authorized  
capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon  
behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

Bonita L. Roman  
Notary Signature

BONITA L. ROMAN, NOTARY  
STATE OF OHIO  
MY COMMISSION EXPIRES: 10/07/09

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