

11-08-2006

Form PTO-1595 (Rev. 09/04)  
OMB No. 0651-0027 (exp. 6/30/2005)U.S. DEPARTMENT OF COMMERCE  
Patented States Patent and Trademark Office  
Attorney Docket No. 31583-226294

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10-30-06

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.	
<b>1. Name of conveying party(ies)/Execution Date(s):</b> Joachim STUMPE - December 16, 2005 Christoph JUNG - January 17, 2006 Olga KULIKOVSKA - December 16, 2005  Execution Date(s): See above. Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>2. Name and address of receiving party(ies)</b> Name: <u>Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.</u>  Internal Address: _____ Street Address: _____  <u>Hansastraße 27c</u>  City: <u>Munich</u> State: _____ Country: <u>GERMANY</u> Zip: <u>D-80686</u> Additional name(s) & address(es) attached: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>3. Nature of Conveyance:</b> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____	
<b>4. Application or patent number(s):</b> <input type="checkbox"/> This document is being filed together with a new application. A. Patent Application No.: <u>10/559,650</u> B. Patent No.(s) _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<b>5. Name and address to whom correspondence concerning document should be mailed:</b> Name: <u>Robert Kinberg</u> <u>VENABLE LLP</u> Internal Address: Atty. Dkt.: <u>31583-226294</u> Street Address: <u>P.O. Box 34385</u>  City: <u>Washington</u> State: <u>DC</u> Zip: <u>20043-9998</u> Phone Number: <u>(202) 344-4000</u> Fax Number: <u>(202) 344-8300</u> Email Address: _____	<b>6. Total number of applications and patents involved:</b> <u>1</u>  <b>7. Total fee (37 CFR 1.21(h) &amp; 3.41)</b> \$ <u>40.00</u> <input type="checkbox"/> Authorized to be charged by credit card <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title)  <b>8. Payment Information</b> a. Credit Card Last 4 Numbers _____ Expiration Date _____ b. Deposit Account Number <u>22-0261</u> Authorized User Name <u>Robert Kinberg</u>
<b>9. Signature:</b> <u>Robert Kinberg</u> <u>10/30/06</u> Signature Date <u>Robert Kinberg - Reg. No. 26,924</u> Name of Person Signing Total number of pages including cover sheet, attachments, and documents: <u>3</u>	

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ASSIGNMENT  
OF APPLICATION FOR UNITED STATES LETTERS PATENT

Attorney Docket  
**31583-226294 RK**

Page 1 of 2

WHEREAS **Joachim STUMPE of Nauen, Germany, Christoph JUNG of Bayreuth, Germany and Olga KULIKOVSKA of Berlin, Germany**, hereinafter (collectively) referred to as the assignor, has invented a certain improvement relating to **METHOD AND DEVICE FOR THREE-DimensionALLY DETERMINING THE REFRACTIVE INDEX OF TRANSPARENT OR PARTIALLY TRANSPARENT LAYERS**, which said assignor has caused an application for United States Letters Patent to be prepared,

☐ the inventor's declaration for said application being executed concurrently with the execution of this instrument; said application to be filed in the United States Patent and Trademark Office.  
☐ said application having been filed in the United States Patent and Trademark Office on \_\_\_\_\_, Serial Number 11/\_\_\_\_\_.  
☒ said application having been filed under the Patent Cooperation Treaty on June 1, 2004, Serial No. PCT/EP2004/005911, the United States of America being designated.

AND WHEREAS **Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V., Hansastrasse 27c, D-80686 Munich, Germany**, hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefore, including any and all renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the entire and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefore, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any all divisions and continuations thereof, and the said invention and any all patents which may be granted therefore, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

EXECUTED, this 16th day of December, 2005

WITNESSES:

Signature: Jürgen Wagner  
Name: Jürgen Wagner  
Address: Fraunhofer-IAF, Geiselbergstr. 65  
14476 Potsdam

ASSIGNOR:


Signature: Joachim Stumpe  
Name: Joachim STUMPE

Signature: \_\_\_\_\_  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_

Page 2 of 2

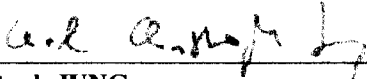
EXECUTED, this 17th day of January, 2006

WITNESSES:

Signature:   
Name: Evelyn Hütsmann  
Address: Universität Bayreuth,  
LS Experimentalphysik IV, 95447 Bayreuth

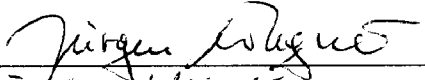
Signature: \_\_\_\_\_  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_

ASSIGNOR:

Signature:   
Name: Christoph JUNG

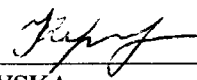
EXECUTED, this 16th day of December, 2005

WITNESSES:

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Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_

ASSIGNOR:

Signature:   
Name: Olga KULIKOVSKA

**CUSTOMER NO.:** 26694