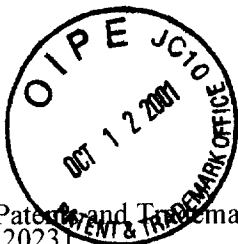


Box Assignment  
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Washington, D.C. 20231



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Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof:

<b>1. Name of conveying party(ies):</b> <b>Jan Iwanczyk, Bradley E. Patt and Gintas Vilkelis</b>  Additional name(s) of conveying party(ies) attached: <b>No</b>		<b>2. Name and address of receiving party(ies):</b> Name: <b>Photon Imaging, Inc.</b> Street Address: <b>19355 Business Center Drive, Suite 8</b> <b>Northridge, California 93124</b>			
<b>3. Name 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"/> Other:  Execution Date: <b>August 20, 2001</b>		Additional name(s) & address(es) attached? <b>No</b>			
<b>4. Application number(s) or patent number(s):</b> If this document is being filed together with a new application, the execution date of the application is: .  <table border="0"> <tr> <td style="vertical-align: top;"> <b>A. Patent Application No.(s)</b>            09/835,829         </td> <td style="vertical-align: top;"> <b>B. Patent No.(s)</b> </td> </tr> </table>				<b>A. Patent Application No.(s)</b> 09/835,829	<b>B. Patent No.(s)</b>
<b>A. Patent Application No.(s)</b> 09/835,829	<b>B. Patent No.(s)</b>				
<b>5. Please return the recorded document and address all correspondence to:</b> <b>CHRISTIE, PARKER &amp; HALE, LLP</b> P.O. Box 7068 Pasadena, CA 91109-7068 Attention: <b>Jun-Young E. Jeon</b>		<b>6. Total number of applications and patents involved.....</b> <span style="border: 1px solid black; padding: 0 5px;">1</span>			
<b>10. <input type="checkbox"/> Explanatory letter is enclosed.</b>		<b>7. <input checked="" type="checkbox"/> Total fee enclosed (37 CFR 3.41):</b> \$ <b>40.00</b> <b>8. <input checked="" type="checkbox"/> Any deficiency or overpayment of fees should be charged or credited to Deposit Account No. 03-1728, except for payment of issue fees required under 37 CFR § 1.18. Please show our docket number with any credit or charge to our Deposit Account.</b>			
<b>9. Statement and signature.</b> 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.  Date: October 2, 2001  By <u><i>Jun E. Jeon</i></u> Name: <b>Jun-Young E. Jeon</b> 626/795-9900					
I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE U.S. POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO: ASSISTANT COMMISSIONER FOR PATENT, WASHINGTON, D.C. 20231 ON <div style="display: flex; justify-content: space-between;"> <div> <b>10/2/01</b> DATE         </div> <div> <i>Stephanie Danyale</i> SIGNATURE         </div> </div>					
Total number of pages including cover sheet, attachments, and document:			<span style="border: 1px solid black; padding: 0 5px;">4</span>		

JEJ/sd

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**PATENT**  
**REEL: 012259 FRAME: 0285**

**ASSIGNMENT**

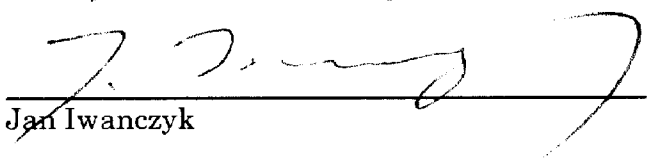
**WHEREAS, WE, Jan Iwanczyk, Bradley E. Patt, and Gintas Vilkelis**, residing at Los Angeles, Sherman Oaks, Westlake Village, respectively, have invented certain new and useful improvements disclosed in an application for United States Letters Patent entitled **SEMICONDUCTOR RADIATION DETECTOR WITH INTERNAL GAIN**, Filed April 16, 2001, U.S. Patent Application No. 09/835,829.

**AND WHEREAS PHOTON IMAGING, INC.**, a California Corporation, having a place of business at 19355 Business Center Drive, Suite 8, Northridge, California 93124 (hereafter, together with any successors, legal representatives or assigns thereof, called "ASSIGNEE") wants to acquire the entire right, title and interest in and to said improvements and application.

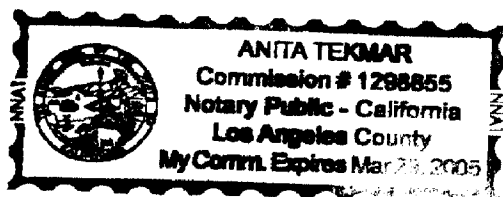
**NOW, THEREFORE**, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned, transferred and set over, and do hereby sell, assign, transfer and set over to ASSIGNEE the entire right, title and interest in and to said improvements, and said application and all divisions and continuations thereof, and all United States Letters Patents which may be granted thereon and all reissues, reexaminations and extensions thereof, and all priority rights under all available International Agreements, Treaties and Conventions for the protection of intellectual property in its various forms in every participating country, and all applications for patents (including related rights such as utility-model registrations, inventor's certificates, and the like) heretofore or hereafter filed for said improvements in any foreign countries, and all patents (including all continuations, divisions, extensions, renewals, substitutes, and reissues thereof) granted for said improvements in any foreign countries; and we hereby authorize and request the United States Commissioner of Patents and Trademarks, and any officials of foreign countries whose duty it is to issue patents on applications as aforesaid, to issue all patents for said improvements to ASSIGNEE in accordance with the terms of this Assignment;

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

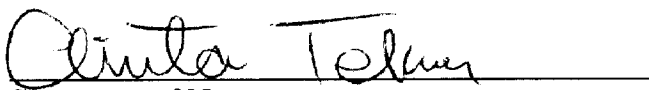
**AND WE HEREBY** further covenant and agree that we will communicate to ASSIGNEE any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute and reissue applications, make all rightful oaths and generally do everything possible to aid ASSIGNEE to obtain and enforce proper patent protection for said improvements in all countries.

**ASSIGNMENT****Joint****Docket No. 41960/JEJ/P590**IN TESTIMONY WHEREOF, I hereunto set my hand this 30 day of August, 2001.  
Jan IwanczykSTATE OF CALIFORNIA )  
COUNTY OF Los Angeles )

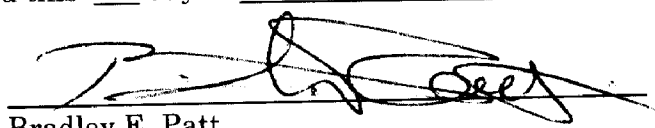
On 8/20/2001, before me Anita Tekmar, Notary Public, personally appeared **Jan Iwanczyk** personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that she executed the same in her authorized capacity, and that by her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.



WITNESS my hand and official seal.

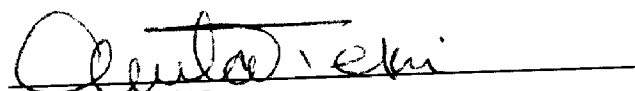
  
Signature of Notary

\*\*\*\*\*

IN TESTIMONY WHEREOF, I hereunto set my hand this 20 day of August, 2001.  
Bradley E. PattSTATE OF CALIFORNIA )  
COUNTY OF Los Angeles )

On 8/20/01, before me Anita Tekmar, Notary Public, personally appeared **Bradley E. Patt** personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

  
Signature of Notary

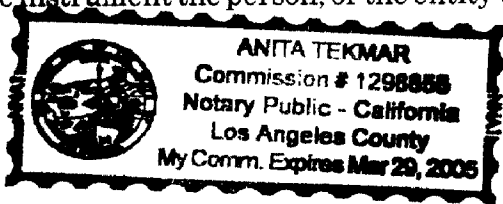
\*\*\*\*\*

IN TESTIMONY WHEREOF, I hereunto set my hand this 20 day of August, 2001.

Gintas Vilkelis  
Gintas Vilkelis

STATE OF CALIFORNIA )  
COUNTY OF Los Angeles )

On 20/08/2001, before me Anita Tekmar, Notary Public, personally appeared **Gintas Vilkelis** personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.



WITNESS my hand and official seal.

Anita Tekmar  
Signature of Notary

JEJ/sd

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