

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>NEAL O'GORMAN</td><td>09/07/2005</td></tr><tr><td>RONAN O'DOWD</td><td>09/07/2005</td></tr></tbody></table>	Name	Execution Date	NEAL O'GORMAN	09/07/2005	RONAN O'DOWD	09/07/2005					
Name	Execution Date										
NEAL O'GORMAN	09/07/2005										
RONAN O'DOWD	09/07/2005										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>TSUNAMI PHOTONICS LTD</td></tr><tr><td>Street Address:</td><td>BLOCKS B & D CENTURY COURT</td></tr><tr><td>Internal Address:</td><td>100 UPPER GEORGE STREET</td></tr><tr><td>City:</td><td>DUN LAOGHAIRE, DUBLIN</td></tr><tr><td>State/Country:</td><td>IRELAND</td></tr></table>	Name:	TSUNAMI PHOTONICS LTD	Street Address:	BLOCKS B & D CENTURY COURT	Internal Address:	100 UPPER GEORGE STREET	City:	DUN LAOGHAIRE, DUBLIN	State/Country:	IRELAND	
Name:	TSUNAMI PHOTONICS LTD										
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PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>10550188</td></tr></tbody></table>	Property Type	Number	Application Number:	10550188							
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Application Number:	10550188										
CORRESPONDENCE DATA											
Fax Number: (312)269-8869 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone: 3123468000											
Email: tkeef@seyfarth.com											
Correspondent Name: TIMOTHY J. KEEFER											
Address Line 1: SEYFARTH SHAW LLP											
Address Line 2: 55 E. MONROE ST., SUITE 4200											
Address Line 4: CHICAGO, ILLINOIS 60603											
ATTORNEY DOCKET NUMBER:	37389-404800										
NAME OF SUBMITTER:	TIMOTHY J. KEEFER										
Total Attachments: 2 source=ASG#page1.tif source=ASG#page2.tif											

CH 10550188 \$40.00

PATENT

500097167

REEL: 017517 FRAME: 0022

ASSIGNMENT OF APPLICATION

Docket Number (Optional)

37389-404800

Whereas, I, NEAL O'GORMAN of c/o Tsunami Photonics Ltd, Blocks B & D Century Court, 100 Upper George Street, Dun Laoghaire, Dublin Ireland, hereafter referred to as applicant, have invented certain new and useful improvements in OPTICAL WAVELENGTH METER

☒ for which an application for a United States Patent was filed on 09/22/2005,
Application Number 10,550,188


☐ for which an application for a United States Patent was executed on _____, and

Whereas, Tsunami Photonocs Ltd of Blocks B & D Century Court, 100 Upper George Street, Dun Laoghaire, Dublin Ireland herein referred to "assignee" whose post office address is as above is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of one dollars (\$1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 7 day of 9, 2005.

at Dublin


(Signature)

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents and Trademarks, Washington, DC 20231.

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ASSIGNMENT OF APPLICATION

Docket Number (Optional)

3738A-404800

Whereas, I, RONAN O'DOWD of c/o Tsunami Photonics Ltd. Blocks B & D Century Court, 100 Upper George Street, Dun Laoghaire, Dublin Ireland, hereafter referred to as applicant, have invented certain new and useful improvements in OPTICAL WAVELENGTH METER

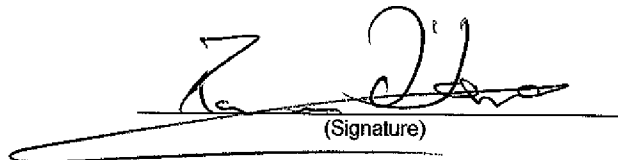
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Whereas, Tsunami Photonics Ltd of Blocks B & D Century Court, 100 Upper George Street, Dun Laoghaire, Dublin Ireland herein referred to "assignee" whose post office address is as above is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of one dollars (\$1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 7 day of Sep, 2005
at Dublin


(Signature)

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PATENT**RECORDED: 04/24/2006****REEL: 017517 FRAME: 0024**