

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
John Joseph	03/26/2010
RECEIVING PARTY DATA	
Name:	Trilumina Corporation
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State/Country:	NEVADA
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13077769
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NAME OF SUBMITTER:	Timothy D. Casey
Total Attachments: 3 source=Signed_Assignment_W_Intials#page1.tif source=Signed_Assignment_W_Intials#page2.tif source=Signed_373b#page1.tif	

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PATENT
REEL: 026063 FRAME: 0949

John R. Joseph
ASSIGNMENT OF INVENTION RIGHTS

John R. Joseph
Provisional Patent(s) Filed by Individual

I, John R. Joseph, residing in Carson City, NV, is currently the sole inventor ("Inventor") and owner of the rights to the Provisional Patent Application(s) as listed in Schedule A attached ("Invention(s)"). TriLumina Corporation, a Nevada company ("Company"), desires to acquire the rights all of the invention(s) listed in Schedule A and to any patent, reissues, extensions or continuations in part that may be granted based on these inventions.

Therefore, for valuable consideration, the receipt of which is acknowledged by the Inventor, hereby assigns 100% of the right, title and interest in the Invention(s), and all priority rights of such Invention(s) (as well as such rights in any divisions, continuations in whole or part or substitute applications) to the Company. This assignment shall last for the entire term of any issued patent resulting from the Invention(s) and any reissues or extensions that may be granted and for the entire terms of any and all foreign patents that may issue from foreign applications (as well as divisions, continuations in whole or part or substitute applications) filed claiming the benefit of the Invention(s).

Assignor authorizes the United States Patent and Trademark Office to issue any patents claiming benefit from the Invention(s) to Company according to the percentage interest indicated in this Assignment. The right, title and interest is to be held and enjoyed by the Company and the Company's successors and assigns as full and exclusively as it would have been held and enjoyed by the Company had this Assignment not been made.

Inventor further agrees to: a) cooperate with the Company in the prosecution of the Application and foreign counterparts; b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer; and c) perform such other acts as the Company lawfully may request to obtain or maintain the patent for the Invention(s) in any and all countries.

The Company further agrees to take full responsibility for all costs associated with the perfection, execution and defense of the Invention to any extent it chooses and in all countries.

FOR THE INVENTOR:

John R. Joseph

Signature
John Joseph

Printed Name
3-26-10

Date

FOR THE COMPANY:

Rudolf A. Wiedemann

Signature
Rudolf A. Wiedemann

Printed Name
3-26-2010

Date

Rfu
SCHEDULE A: Listing of Individual Provisional Patent Applications Assigned by Inventor

Rfu

<u>FILING NUMBER</u>	<u>FILING DATE</u>	<u>PROVISIONAL PATENT APPLICATION TITLE</u>
12/707,657	02/17/2010	Multi-beam Arrays of Optoelectronic Devices for High Frequency Operation

STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: John JosephApplication No./Patent No.: 13/077,769Filed/Issue Date: 3/31/11Titled: **MULTIBEAM ARRAYS OF OPTOELECTRONIC DEVICES FOR HIGH FREQUENCY OPERATION**

Trilumina Corporation, a Corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest in;
2. ☐ an assignee of less than the entire right, title, and interest in
(The extent (by percentage) of its ownership interest is _____ %); or
3. ☐ the assignee of an undivided interest in the entirety of (a complete assignment from one of the joint inventors was made)

the patent application/patent identified above, by virtue of either:

- A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy therefore is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

3. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet(s).

- ☒ As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Signature

Date

Rudi Wiedemann

CEO

Printed or Typed Name

Title

This collection of information is required by 37 CFR 3.73(b). 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 1.11 and 1.14. This collection is estimated to take 12 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.