

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT3985289

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MATTHEW DUMMER	07/27/2016
KLEIN JOHNSON	07/27/2016
MARY BRENNER	07/27/2016
RECEIVING PARTY DATA	
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Internal Address:	SUITE 104
City:	PLYMOUTH
State/Country:	MINNESOTA
Postal Code:	55441
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15167214
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ATTORNEY DOCKET NUMBER:	11872.29.9.US.U4
NAME OF SUBMITTER:	NATHAN J. WITZANY
SIGNATURE:	/Nathan J. Witzany/
DATE SIGNED:	07/29/2016
Total Attachments: 2	
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ASSIGNMENT

Dkt. No.: 11872.X.9.US.U4

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First Named Inventor: Matthew Dummer

Title: VCSELS AND VCSEL ARRAYS DESIGNED FOR
IMPROVED PERFORMANCE AS ILLUMINATION
SOURCES AND SENSORS

WHEREAS, we, Matthew Dummer residing at 2734 Emerson Avenue South, Minneapolis, Minnesota 55408; Klein Johnson residing at 2845 Wear Circle, Orono, Minnesota 55356; and Mary Brenner residing at 4275 Deerwood Lane North, Plymouth, Minnesota 55441; have invented a new and useful invention as described in U.S. Patent Application entitled VCSELS AND VCSEL ARRAYS DESIGNED FOR IMPROVED PERFORMANCE AS ILLUMINATION SOURCES AND SENSORS (the "Invention"), the application being identifiable by the Attorney Docket Number set forth above and/or being identifiable in the United State Patent and Trademark Office by Application No. 15/167,214, filed on May 27, 2016 (the "Application"); and

WHEREAS, Vixar, having offices at 2950 Xenium Lane N, Suite 104, Plymouth, Minnesota 55441 ("Assignee") is desirous of acquiring the entire right, title, and interest in and to the Invention, the Application, and any and all Letters Patent or similar legal rights, foreign or domestic, to be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we each, individually and separately, hereby transfer to Assignee, its successors and assigns, the entire right, title, and interest in and to, including the right to sue for and collect damages for past, present, and future infringement of, (1) the Invention throughout the world, (2) the above-identified Application and all corresponding domestic and foreign applications including any provisional, non-provisional, divisional, continuation, continuation-in-part, reissue application, or any other application based on the Invention, (3) all Letters Patent or similar legal protection issuing thereon, (4) all trade secrets and know-how pertaining to the Invention, and (5) all rights and benefits under any applicable treaty or convention; and we each authorize the Commissioner of Patents and Trademarks of the United States or foreign equivalent therefor to issue the Letters Patent or similar legal protection to the Assignee.

We each, individually and separately, authorize the Assignee, its successors and assigns or anyone it may properly designate, to apply for Letters Patent or similar legal protection for the Invention, in its own name if desired, in the U.S. and any and all foreign countries and to make a claim of priority to any applications as entitled under U.S. law or applicable international conventions, treaties, or otherwise.

We each, individually and separately, represent to the Assignee, its successors and assigns, that we each, individually and separately, have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. We each, individually and separately, our executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the Invention in any and all countries.

We each, individually and separately, represent and warrant that we each, individually and separately, have full power to enter into and perform this assignment, and that we each, individually and separately, have not granted any other person or entity any interest in the Invention and/or the Application.

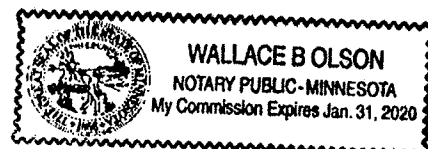
IN WITNESS WHEREOF, we have executed this Assignment on the date written below.


Matthew Dummer

7/27/16
Date

Subscribed and sworn to
before me this 27 day
of July, 2016.





Klein Johnson

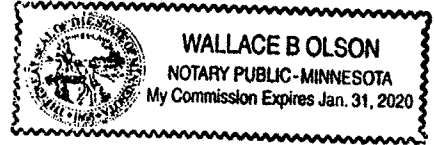
Klein Johnson

7/27/16

Date

Subscribed and sworn to
before me this 27 day
of July, 2016.

Wallace B. Olson



Mary Brenner

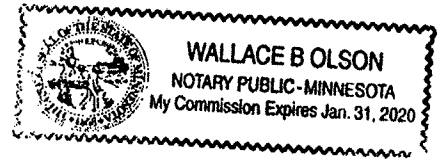
Mary Brenner

7/27/2016

Date

Subscribed and sworn to
before me this 27 day
of July, 2016.

Wallace B. Olson



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