

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	GEORGE WILLIAMS	01/29/2015
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	VADIENT OPTICS, LLC.	
<b>Street Address:</b>	15985 NW SCHENDEL AVE.	
<b>Internal Address:</b>	STE. 200	
<b>City:</b>	BEAVERTON	
<b>State/Country:</b>	OREGON	
<b>Postal Code:</b>	97006	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	14307071
<b>CORRESPONDENCE DATA</b>		
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<b>ATTORNEY DOCKET NUMBER:</b>	VDN000005	
<b>NAME OF SUBMITTER:</b>	ERIK NACKERUD	
<b>SIGNATURE:</b>	/Erik Nackerud/	
<b>DATE SIGNED:</b>	02/03/2015	
<b>Total Attachments: 2</b>		
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## Patent Assignment

The Assignment is by:

1. George Williams  
6425 SW Bancroft St.  
Portland, OR, 97221

(referred herein as "**Assignors**"), who reside at or have mailing address as listed above.

This Assignment is to:

Assignee: Vadient Optics, LLC.

Address: 15985 NW Schendel Ave., Ste. 200, Beaverton, OR, 97006

A corporation duly organized under and pursuant to the law of: The state of Delaware

(herein referred to as "**Assignee**"), who desires to acquire, or otherwise have preexisting contractual benefits to, the entire right, title, and interest in the inventions and the patents resulting from patent applications filed currently or subsequently with the United States and foreign countries.

Assignors have invented certain new and useful inventions in:

**TITLE: NANOCOMPOSITE OPTICAL-DEVICE WITH INTEGRATED CONDUCTIVE PATHS**

For which the following application has been filed in the United States of America:

Serial No: 14307071                      Filed on: 6/17/2014

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged,

1. Assignors hereby assigns, transfers and sets over, to Assignee, its successors, legal representatives, the entire right, title and interest to the above referenced inventions, patent applications, and resulting patents granted in the United States and all foreign countries whether they be provisional patents, non-provisional patents, divisional patents, continuations, continuations-in-part and as modified by any reissue, reexamination, supplemental examination or any other post-grant procedures. Assignors further assigns, transfer and set over, to Assignee any rights to institute actions, and to recover for past, present, and future infringement.
2. Assignors represent, warrant, and covenant that at the time of execution of this Assignment, Assignors are the sole and lawful owners of the entire right, title, and interest in the inventions, or otherwise have preexisting contractual invention assignment obligations to assign, or that assigned, all rights to the inventions to the Assignor.
3. Assignors shall promptly sign and execute all papers and documents, take all lawful oaths, make any declarations, and do all other acts necessary, required or useful for the procurement, maintenance, enforcement, and defense, at the sole cost and expense of Assignee, its successors, legal representatives an assigns, in each case including, without limitation, events arising from the; (a) preparation and prosecution of patent applications of the inventions; (b) post-grant procedures; and any related legal proceeding.

Attorney Docket #: VDN000005

Patent Application #: 14307071

4. Assignors authorize and request the Commissioner of Patent sin the United States to issue patents resulting from the above referenced inventions to the Assignee for the sole use of the Assignee, its successors, legal representatives, and assigns.
5. "I hereby grant Assignee attorneys, the power to insert on this assignment, after it's execution, any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark office for recordation of this document, including the power to insert the application number and filing date of the applications when known."

Date: 1/29/15

Signature:   
Inventor 1: George Williams