

## 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> |
|   | F. WILLIAM HERSMAN   | 04/30/2014            |
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| <b>Postal Code:</b>   | 03824  |                       |
| <b>PROPERTY NUMBERS Total: 1</b>  |  |                       |
|   | <b>Property Type</b>                                       | <b>Number</b>         |
|   | Application Number:  | 14075360              |
| <b>CORRESPONDENCE DATA</b>  |  |                       |
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| <b>ATTORNEY DOCKET NUMBER:</b>  | 009815/098449  |                       |
| <b>NAME OF SUBMITTER:</b>   | SARAH KERR   |                       |
| <b>SIGNATURE:</b>   | /Sarah Kerr/   |                       |
| <b>DATE SIGNED:</b>   | 05/09/2014   |                       |
|   | This document serves as an Oath/Declaration (37 CFR 1.63). |                       |
| <b>Total Attachments: 1</b>   |  |                       |
| source=Hersman_Assignment_13_007_Non-Prov (signed) (M2617134x9DD8D)#page1.tif   |  |                       |

# ASSIGNMENT OF PATENT APPLICATION

FOR GOOD AND VALUABLE CONSIDERATION,

I, the undersigned, hereby agree to assign for good and valuable consideration, receipt of which is hereby expressly acknowledged, and do hereby sell, assign and transfer unto

University of New Hampshire

a corporation organized under the laws of the state of New Hampshire as Assignee, and its successors, assigns and legal representatives, all my right, title and interest, for all countries in and to (i) certain inventions relating to

Scalable Diode Laser Source for Optical Pumping

described in a United States patent application, identified as Attorney Docket No. 009815/098449, at Devine, Millimet & Branch, P.A., 111 Amherst Street, Manchester, New Hampshire 03101 and filed on November 8, 2013, as Application Serial No. 14/075,360, and the invention(s) and improvement(s) set forth therein, and (ii) said patent application, any patent application claiming the benefit thereof, and any and all continuations, continuations-in-part, divisionals, and renewals of and substitutes for said patent application, and (iii) all the rights and privileges under any and all patents that may be granted therefor in any country, and any reissues, or reexaminations, or extensions of said patents. I request that any and all patents for said inventions be issued to said Assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

I agree that, when requested, I will, without charge to said Assignee but at its expense, sign all papers, take all rightful oaths, and do all acts that may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said Assignee, its successors, assigns and legal representatives or nominees.

I authorize and empower said Assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from me.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document that may be required in any country for any purpose and more particularly in proof of the right of the said Assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International convention which may henceforth be substituted for it.

I covenant with said Assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

As the below inventor, I hereby declare that:

This declaration is directed to:

     The attached application, or  
  X   United States application or PCT international application number 14/075,360 filed on November 8, 2013.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventors or original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

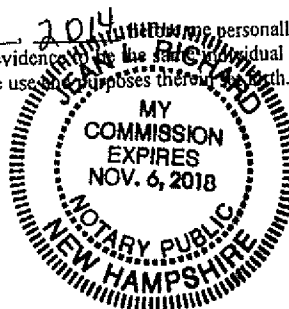
IN WITNESS WHEREOF, I have hereunto signed my name on the day and year set forth below.

F. William Hersman 4/30/2014  
 Inventor's Signature DATE

F. William Hersman  
 Inventor's Printed Name

STATE OF New Hampshire )  
 ) SS  
 COUNTY OF Strafford )

On this 30 day of April, 2014, I, the undersigned, personally came the above named F. William Hersman who is personally known by me or proved to me on the basis of satisfactory evidence to be the said individual who executed the foregoing assignment, and who acknowledged to me that he executed the same of his own free will for the uses and purposes therein set forth.



NOTARY PUBLIC Jean L. Richard  
 My Commission Expires: 11/6/18