

## 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>Neeraj Nepal</td> <td>06/10/2013</td> </tr> <tr> <td>Charles R. Eddy Jr.</td> <td>06/10/2013</td> </tr> <tr> <td>Nadeemmullah A. Mahadik</td> <td>06/10/2013</td> </tr> <tr> <td>Syed B. Qadri</td> <td>06/06/2013</td> </tr> <tr> <td>Michael J. Mehl</td> <td>06/06/2013</td> </tr> </tbody> </table>		Name	Execution Date	Neeraj Nepal	06/10/2013	Charles R. Eddy Jr.	06/10/2013	Nadeemmullah A. Mahadik	06/10/2013	Syed B. Qadri	06/06/2013	Michael J. Mehl	06/06/2013
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Michael J. Mehl	06/06/2013												
RECEIVING PARTY DATA													
Name:	The Government of the United States of America, as represented by the Secretary of the Navy												
Street Address:	One Liberty Ctr., 875 North Randolph St., Suite 1425												
Internal Address:	Chief of Naval Research, Office of Counsel (ATTN: CODE OCCCIP)												
City:	Arlington												
State/Country:	VIRGINIA												
Postal Code:	22203												
PROPERTY NUMBERS Total: 2													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>PCT Number:</td> <td>US2013405569</td> </tr> <tr> <td>Application Number:</td> <td>13916724</td> </tr> </tbody> </table>		Property Type	Number	PCT Number:	US2013405569	Application Number:	13916724						
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CORRESPONDENCE DATA													
Fax Number:	2024047380												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
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ATTORNEY DOCKET NUMBER:	101918
NAME OF SUBMITTER:	Roy Roberts
Signature:	/RoyRoberts/
Date:	06/13/2013
<b>Total Attachments: 5</b> source=101918 Assignment signed US and foreign#page1.tif source=101918 Assignment signed US and foreign#page2.tif source=101918 Assignment signed US and foreign#page3.tif source=101918 Assignment signed US and foreign#page4.tif source=101918 Assignment signed US and foreign#page5.tif	

**ASSIGNMENT BY INVENTORS (FOREIGN PATENTS)**

**THIS ASSIGNMENT**, made by Neeraj Nepal; Charles R. Eddy, Jr.; Nadeemullah A. Mahadik; Syed B. Qadri; and Michael J. Mehl (hereinafter referred to as Assignors), residing in Woodbridge, Virginia; Columbia, Maryland; Springfield, Virginia; Fairfax Station, Virginia; and Davidsonville, Maryland, respectively, all in the United States of America;

**WHEREAS**, Assignors, while employed by or through the Government of the United States, have invented certain new and useful improvements in Plasma-Assisted Atomic Layer Epitaxy of Cubic and Hexagonal InN Films and its alloys with AlN at Low Temperatures, set forth in a Patent application for Letters Patent of the United States, filed herewith; and

**WHEREAS**, Assignors assign and transfer to the United States of America as represented by the Secretary of the Navy, and hereinafter called the Government, the entire right, title, and interest in and to said invention within the United States of America, its territories and possessions, and the entire right, title and interest in and to said application and any continuation, division, or substitution thereof, and such Letters Patent as may issue therefrom and any reissue or extensions thereof;

**WHEREAS**, The Government of the United States of America, as represented by the Secretary of the Navy, a Federal Agency (hereinafter referred to as the Government), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent to be obtained therefore and thereon within the following foreign countries:

All Patent Cooperation Treaty member states;

**WHEREAS**, by acquiring the Assignors' entire right, title, and interest in and to the invention the Government will be enabled to license the invention and share the income from the licensing with the Assignors as allowed by law;

**NOW, THEREFORE**, in consideration of the premises and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have assigned, transferred and set over, and by these presents do assign, transfer and set over, unto the Government, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the above listed countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Government, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this assignment not been made. This assignment is made nunc pro tunc Concurrently Herewith.

**AND** for the same consideration, Assignors hereby represent and warrant to the Government, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to the Government under law or that have already been transferred to the Government, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

**AND** for the same consideration, Assignors hereby covenant and agree to and with the Government, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions in the above listed countries, without charge to the Government, its successors, legal representatives and assigns, whenever counsel of the Government, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in-

connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

**AND** the Assignors hereby further agree to make, execute, and deliver to the Government, any and all papers, documents, affidavits, statements, or other instruments that may be necessary in the prosecution of the application and of any continuation, division, or substitution of the application, or any application for reissue or extension of said Letters Patent, and to assist the Government in every way in protecting the invention as may be requested, provided that any expense arising through such efforts will be paid by the Government.

**AND** Assignors hereby appoint all practitioners at Customer Number 26384, all of US Naval Research Laboratory, 4555 Overlook Ave, SW, Washington, DC 20375, jointly, and each of them severally, our attorneys at law/patent agent(s), with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, and to transact all business in the U. S. Patent and Trademark Office connected therewith and in all other Patent Cooperation Treaty member states which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Government.

**AND** Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of any foreign patent office for recordation of this document:

US NAVAL RESEARCH LABORATORY

All practitioners at USPTO Customer Number 26384.

Date: 06/10/2013 Signature: Neeraj Nepal  
Neeraj Nepal

Date: 6/10/2013 Witness Signature: [Signature]

Date: 6/10/2013 Witness Signature: [Signature]

Date: 6/10/2013 Signature: [Signature]  
Charles R. Eddy, Jr.

Date: 06/10/2013 Witness Signature: Neeraj Nepal

Date: 6/10/2013 Witness Signature: [Signature]

Date: 6/10/2013 Signature: [Signature]  
Nadeemullah A. Mahadik

Date: 6/10/13 Witness Signature: [Signature]

Date: 6/10/13 Witness Signature: [Signature]

Date: 6 June 2013 Signature: Syed B. Qadri  
Syed B. Qadri

Date: 6 June 2013 Witness Signature: Michael J Mehl  
Michael J Mehl

Date: 6 June 2013 Witness Signature: Juana Vermillion

Date: 6 June 2013 Signature: Michael J Mehl  
Michael J. Mehl

Date: 06/JUN/13 Witness Signature: Michelle Johannes  
Michelle Johannes

Date: 6/6/2013 Witness Signature: STEVEN ERWIN  
STEVEN ERWIN