

# PATENT ASSIGNMENT

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<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Subhash Mahajan	10/06/2010
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Arizona Board of Regents for and on behalf of Arizona State University
<b>Street Address:</b>	1475 N. Scottsdale Road, Suite 200
<b>Internal Address:</b>	SkySong
<b>City:</b>	Scottsdale
<b>State/Country:</b>	ARIZONA
<b>Postal Code:</b>	85257
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12937192
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(202)282-5100
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	202-282-5202
<b>Email:</b>	eanderson@winston.com
<b>Correspondent Name:</b>	Winston & Strawn LLP
<b>Address Line 1:</b>	1700 K Street, N.W.
<b>Address Line 2:</b>	Allan A. Fanucci, Patent Department
<b>Address Line 4:</b>	Washington, DISTRICT OF COLUMBIA 20006-3817
<b>ATTORNEY DOCKET NUMBER:</b>	94717-5500
<b>NAME OF SUBMITTER:</b>	Allan A. Fanucci
<b>Total Attachments: 2</b> source=94717-5500-Assignment-ASU#page1.tif source=94717-5500-Assignment-ASU#page2.tif	

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**PATENT**  
**REEL: 025207 FRAME: 0647**

## ASSIGNMENT

WHEREAS, each of

**Subhash Mahajan**, a citizen of the United States of America, residing at  
8824 S. Poplar Street, Tempe, Arizona 85284; and

an ASSIGNOR, is an inventor of the invention in **METHODS FOR IMPROVING THE QUALITY OF GROUP III-NITRIDE MATERIALS AND STRUCTURES PRODUCED BY THE METHODS**, for which an application for a Patent of the United States, identified by Winston & Strawn LLP Docket No. 94717-5500:

- ☐ is executed on even date herewith.  
☒ was filed on October 8, 2010 as Application No. 12/937,192.

WHEREAS, **Arizona Board of Regents for and on behalf of Arizona State University**, an institution having a place of business at SkySong, 1475 N. Scottsdale Road, Suite 200, Scottsdale, Arizona 85257, ASSIGNEE, is desirous of obtaining each inventor's entire right, title and interest in, to and under the said invention, the said application and corresponding applications worldwide.

NOW, THEREFORE, in exchange for good and valuable consideration to each inventor, the receipt and sufficiency of which is hereby acknowledged, each ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, his or her entire, worldwide right, title and interest in, to and under the invention, including any United States provisional or non-provisional application embodying the invention or any other United States application claiming priority to a provisional application under 35 U.S.C. § 119(e) or converted therefrom, or to any application claiming the benefit of a non-provisional application under 35 U.S.C. § 120, including all divisions, continuations, and continuations-in-part thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries other than the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for the invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof, the same to be held and enjoyed by the ASSIGNEE, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the ASSIGNOR had this sale and assignment not been made;

And each ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument;

And each ASSIGNOR hereby covenants and agrees that he or she has the full right to convey the entire interest herein assigned, and that he or she has not executed, and will not execute, any agreement in conflict herewith;

And each ASSIGNOR hereby further covenants and agrees that he or she will communicate to the ASSIGNEE, its successors, legal representatives and assigns, any facts known to him or her respecting said invention, testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the ASSIGNEE or its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries;

And each ASSIGNOR hereby authorizes the ASSIGNEE's patent attorney to complete this form by the addition of the application number, application filing date, and attorney docket number, if necessary.

In witness whereof, each inventor has affixed his or her signature.

October 6, 2010  
Date

Subhash Mahajan  
Subhash Mahajan

STATE OF ARIZONA )  
COUNTY OF MARICOPA )

On this 6<sup>TH</sup> day of OCTOBER, 2010, before me, a Notary Public, personally appeared **Subhash Mahajan**, to me known and known to me to be the person of that name, who signed the foregoing instrument and acknowledged the same to be his/her free act and deed.



JULY 16, 2013  
My Commission Expires

G. M. LAWS (G. M. LAWS)  
Notary Public