

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3698923

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
WENKAN JIANG	09/05/2012
DIRK EHRENTAUT	08/31/2012
BRADLEY C. DOWNEY	09/05/2012
MARK P. D'EVELYN	08/31/2012
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<b>Postal Code:</b>	94555
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14013753
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<b>ATTORNEY DOCKET NUMBER:</b>	091756-021710US1 (00490)
<b>NAME OF SUBMITTER:</b>	STEPHEN J. DRISCOLL
<b>SIGNATURE:</b>	/Stephen J. Driscoll/
<b>DATE SIGNED:</b>	01/15/2016
<b>Total Attachments: 2</b>	
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ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, the below-listed individuals, herein referred to as "Assignors," are the inventors of the invention described and set forth in the following U.S. Patent Application:

**Method for Quantification of Extended Defects in Gallium-Containing Nitride Crystals**

Filed August 30, 2012, as U.S. Patent Application No. 61/695,270

WHEREAS, SORAA, INC., a corporation of the state of Delaware, located at 6500 Kaiser Drive, Fremont, California 94555, hereinafter referred to as "Assignee," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on any patent application claiming priority from the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on any patent application claiming priority from the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignor, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.


IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: 9/5/2012

  
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Wenkan Jiang

Dated: 8/31/2012

  
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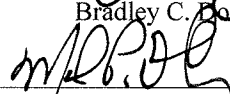
Dirk Ehrentraut

Dated: 9/5/2012

  
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Bradley C. Downey

Dated: 8/31/2012

  
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Mark P. D'Evelyn

