

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Arpan Chakraborty</td> <td>06/27/2012</td> </tr> <tr> <td>Michael R. Krames</td> <td>06/27/2012</td> </tr> <tr> <td>Tal Margalith</td> <td>07/02/2012</td> </tr> <tr> <td>Rafael Aldaz</td> <td>07/23/2012</td> </tr> </tbody> </table>		Name	Execution Date	Arpan Chakraborty	06/27/2012	Michael R. Krames	06/27/2012	Tal Margalith	07/02/2012	Rafael Aldaz	07/23/2012
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Arpan Chakraborty	06/27/2012										
Michael R. Krames	06/27/2012										
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Rafael Aldaz	07/23/2012										
RECEIVING PARTY DATA											
Name:	SORAA, INC.										
Street Address:	6500 Kaiser Drive										
City:	Fremont										
State/Country:	CALIFORNIA										
Postal Code:	94555										
PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13491483</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13491483						
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Application Number:	13491483										
CORRESPONDENCE DATA											
Fax Number: <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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ATTORNEY DOCKET NUMBER:	91756-842693 (012920US)										
NAME OF SUBMITTER:	William R. Lambert										
Total Attachments: 2 source=842693_Assignment#page1.tif source=842693_Assignment#page2.tif											

OP \$40.00 13491483

PATENT

ASSIGNMENT OF PATENT APPLICATION

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:

JOINT

**METHOD AND SYSTEM FOR DICING SUBSTRATES CONTAINING
GALLIUM AND NITROGEN MATERIAL WITH CONDUCTIVE CORE VIA
STRUCTURES**

Filed June 7, 2012 as U.S. Patent Application No. 13/491,483

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

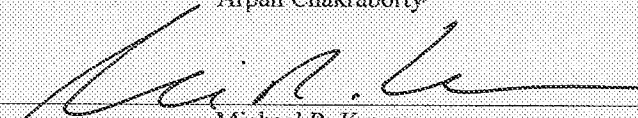
and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

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

Dated: 6/27/12


Arpan Chakraborty


Dated: 6/27/12


Michael R. Krames

Dated: 7/2/12


Tal Margalith

Dated: 07/23/12


Rafael Aldaz

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