

## 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>Rongming Chu</td> <td>03/11/2013</td> </tr> <tr> <td>Dr. Zijan "Ray" Li</td> <td>03/14/2013</td> </tr> <tr> <td>Dr. Karim Boutros</td> <td>03/18/2013</td> </tr> </tbody> </table>		Name	Execution Date	Rongming Chu	03/11/2013	Dr. Zijan "Ray" Li	03/14/2013	Dr. Karim Boutros	03/18/2013		
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>HRL LABORATORIES LLC</td> </tr> <tr> <td>Street Address:</td> <td>3011 Malibu Canyon Rd.</td> </tr> <tr> <td>City:</td> <td>Malibu</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>90265-4799</td> </tr> </table>		Name:	HRL LABORATORIES LLC	Street Address:	3011 Malibu Canyon Rd.	City:	Malibu	State/Country:	CALIFORNIA	Postal Code:	90265-4799
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CORRESPONDENCE DATA											
<p>Fax Number: 3239340202  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 323-934-2300        Email: LA_Mail@la.ladas.com        Correspondent Name: LADAS &amp; PARRY        Address Line 1: 5670 WILSHIRE BOULEVARD, SUITE 2100        Address Line 4: LOS ANGELES, CALIFORNIA 90036-5679</p>											
ATTORNEY DOCKET NUMBER:	B-7650 627965-7										
NAME OF SUBMITTER:	Mavis S. Gallenson										
Signature:	/Mavis S. Gallenson 32464/										
Date:	07/30/2013										
<p>Total Attachments: 3        source=627965_assignment#page1.tif        source=627965_assignment#page2.tif        source=627965_assignment#page3.tif</p>											

OP \$40.00 13838546

ASSIGNMENT

WHEREAS: Rongming Chu  
Residing at: 1176 Amberton Lane  
Newbury Park, CA 91320

WHEREAS: Dr. Zijan "Ray" Li  
Residing at: 5780 Freebird Lane #103  
Oak Park, CA 91377

WHEREAS: Dr. Karim Boutros  
Residing at: 11976 Bubbling Brook St.  
Moorpark, CA 93021

(hereinafter referred to as ASSIGNORS), have invented and own a certain invention entitled:

**"III-NITRIDE TRANSISTOR WITH ENGINEERED SUBSTRATE"**

for which application for Letters Patent of the United States was assigned U.S. Application No. 13/838,546, filed on MARCH 15, 2013, and which application claims the benefit of U.S. Provisional Application(s) No(s). \_\_\_\_\_, filed on \_\_\_\_\_, under 35 U.S.C. Section 119(e);

WHEREAS: **HRL Laboratories, LLC**

A Limited Liability Company formed under the laws of the State of Delaware, United States of America, having its principal place of business at:

3011 Malibu Canyon Road  
Malibu, California 90265-4799

(hereinafter referred to as ASSIGNEE), is desirous of acquiring entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefore in the United States and in any and all foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that ASSIGNORS, for good and valuable consideration, hereby sell, assign and transfer to ASSIGNEE the full and exclusive right, title and interest to said invention in the United States and its territorial possessions and in all foreign countries, including the right to claim priority under any applicable provisions of the International Convention and the Patent Cooperation Treaty

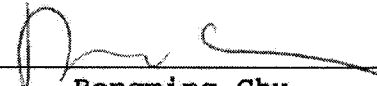
and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, division, renewal, substitute or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention, assignments related to said application or said invention, and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to ASSIGNORS and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

I/we, an Assignor signing below, hereby authorized and request my attorney as named in the Declaration and/or Power of Attorney I/we executed for this invention, to insert the filing date and application number in this assignment document for the invention noted herein.

Subscribed and executed at HRL Labs, Malibu, CA  
on 3/11, 2013.

Inventor:   
Rongming Chu

Subscribed and executed at HRL Lab, Malibu, CA

on 3/14, 2013.

Inventor:

Li  
Dr. Zijan "Ray" Li

Subscribed and executed at Malibu CA

on 3/18, 2013.

Inventor:

K. S. Boutros  
Dr. Karim S. Boutros