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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Ping Liu Guillermo Herrera
Cameron G. Massey
Geoffrey P. McKnight
William Barvosa-Carter
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
Name: HRL Laboratories, LLC
Internal Address: Daniel R. Allemeier
General Counsel

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
Execution Date: 8/25/05

Street Address: 3011 Malibu Canyon Road
City: Malibu State: CA Zip: 90265
Additional name(s) & address(es) attached? Yes No

4. Application number(s) or patent number(s):
If this document is being filed together with a new application, the execution date of the application is: _____
A. Patent Application No.(s) 11/212,273
B. Patent No.(s) _____
Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: AAGAARD & BALZAN, LLP
Internal Address: Christopher R. Balzan
Street Address: 674 County Square Drive
Suite 105
City: Ventura State: CA Zip: 93003

6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 3.41) \$ 40.00
 Enclosed
 Authorized to be charged to deposit account
8. Deposit account number:
501843

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9. Signature.
Christopher R. Balzan
Name of Person Signing
Signature: *Christopher R. Balzan*
Date: 11/03/05

11/14/2005 DBYME 00000834 501843 11212273

Total number of pages including cover sheet, attachments, and documents: 4

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Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

Attorney Dkt: HRL/027-04-NP
HRL Dkt: 040601
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ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS: The following named inventors:

Ping Liu
866 St. Charles Drive, #1
Thousand Oaks, CA 91360

William Barvosa-Carter
1157 Poli Street
Ventura ,CA 93001

Cameron G. Massey
12117 Judah Avenue
Hawthorne, CA 90250

Guillermo Herrera
8371 Cozycroft Ave
Winnetka, CA 91306

Geoffrey P. McKnight
11608 Francis Place
Los Angeles, CA 90066

(hereinafter assignors), have invented a certain invention entitled:

SOLID STATE ACTUATION USING GRAPHITE INTERCALATION COMPOUNDS

for which application for Letters Patent in the United States is executed herewith.

WHEREAS: HRL Laboratories, LLC, a limited liability company formed under the laws of the State of Delaware, having a place of business at 3011 Malibu Canyon Road, California 90265 (hereinafter ASSIGNEE), is desirous of acquiring the right, title and interest in and to the application (hereinafter Application), and the invention disclosed therein (hereinafter Invention), and in and to all embodiments of the Invention, and in and to any and all patents, inventor's certificates, and other forms of protection (hereinafter Patents) granted in any and all countries and groups of countries.

NOW THEREFOR: For good and valuable consideration, the receipt, sufficiency, and adequacy of which are hereby acknowledged by the ASSIGNORS to have been received in full from the ASSIGNEE, the undersigned do hereby sell, assign, transfer, and convey to ASSIGNEE the full and exclusive right, title, and interest in to the Application and the Invention, in the United States and its territorial possessions and in all foreign countries or group of countries, including the right to claim priority under any applicable provisions of the International Convention and the Patent Cooperation Treaty and to all Patents or similar legal protection in the United States and its territorial possessions and in any and all foreign countries and groups of countries to be obtained for the Invention by the Application or any continuation, division, renewal, substitute, or reissue thereof ,

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Attorney Dkt: HRL/027-04-NP
HRL Dkt: 040601
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or any legal equivalent thereof in a foreign country or group of countries 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 shall be made or entered into which would conflict with this assignment and sale.

ASSIGNORS further covenant that ASSIGNEE shall, upon its request, be provided promptly with all pertinent facts and documents relating to the Application, the Invention, assignments related to the Application or the Invention, and the 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 of 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 the Application, the Invention, and the Letters Patent and the equivalents thereof in any foreign country or group of countries which may be necessary or desirable to carry out the purposes thereof.

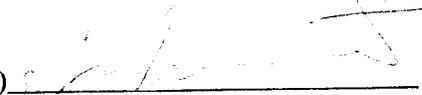
The term and covenants of this agreement shall inure to the benefit of the ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon the ASSIGNORS, their respective heirs, legal representatives, and assigns.

The ASSIGNORS have executed and delivered this instrument to the ASSIGNEE on the dates indicated below.

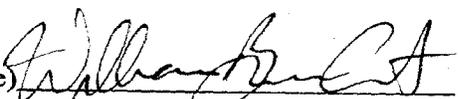
Signed and Executed at Malibu, CA 90265
(City, State, Country)

by Inventor (Signature)  Date: 8/25/05
Name: Ping Liu

by Inventor (Signature)  Date: 8/25/05
Name: Cameron G. Massey

by Inventor (Signature)  Date: 8/25/05
Name: Geoffrey P. McKnight

Attorney Dkt: HRL/027-04-NP
HRL Dkt: 040601
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by Inventor (Signature)  Date: 9/12/05
Name: William Barvosa-Carter

by Inventor (Signature)  Date: 9/12/05
Name: Guillermo Herrera