

07-03-2003



Form PTO-1595
(Rev. 03/01)
OMB No. 0651-0027 (exp. 5/31/2002)
Tab settings ⇨ ⇨ ⇨

RECORDING 102488034
PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

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

1. Name of conveying party(ies):
Joel N. Shulman
David H. Chow **7-1-03**
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
Name: HRL LABORATORIES, LLC
Internal Address: _____
Street Address: 3011 Malibu Canyon Road
City: Malibu State: CA Zip: 90265
Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
06/26/2003
06/26/2003
Execution Date: _____

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) 10/339,174
B. Patent No.(s) _____
Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: TOPE MCKAY & ASSOCIATES
Internal Address: _____
Street Address: _____
23852 Pacific Coast Highway #311
City: Malibu State: CA Zip: 90265

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: _____
FINANCE SECTION
06/27/2003

DO NOT USE THIS SPACE

9. Signature.
CARY TOPE-MCKAY
Name of Person Signing

Signature
06/27/2003
Date
Total number of pages including cover sheet, attachments, and documents: 6

07/02/2003 LMUELLER 00000048 10339174
01 FC:8021 40.00 DP

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

PATENT
REEL: 014221 FRAME: 0342

Attorney Docket: HRL017-DIV

HRL Docket: 990412

Invention Title: EPITAXIALLY-GROWN BACKWARD DIODE

ASSIGNMENT

WHEREAS, I, Joel N. Schulman of 1832 Lookout Road, Malibu, California 91320, United States of America (hereinafter "Assignor") have invented certain new and useful improvements in **EPITAXIALLY-GROWN BACKWARD DIODE** (hereinafter "Invention") for which a Divisional application for a United States Patent was filed on 01/08/2003, Application Number 10/339,174, and/or for which Assignors are making or have made a foreign application for intellectual or industrial property protection under the appropriate body of law corresponding to that foreign jurisdiction.

AND

WHEREAS, HRL Laboratories, LLC, a limited liability company organized and existing under the laws of the State of Delaware, United States of America and having a place of business at 3011 Malibu Canyon Road, Malibu, California, United States of America, (hereinafter "Assignee"), is desirous of acquiring the entire right, title, and interest in the Invention within the United States of America and its territorial possessions, and in all foreign countries in which intellectual or industrial property protection may be granted therefor.

NOW, THEREFORE, for good and valuable consideration, the receipt whereof is hereby acknowledged, I, the Assignor desire to and do hereby assign, sell, and transfer unto Assignee the full and exclusive right to the Invention in the United States of America and its territorial possessions and in all foreign countries, as well as, the entire right, title and interest in and to any and all intellectual or industrial property rights including, but not limited to, Patents, designs, utility models, and inventor certificates which may be granted therefore in the United States of America and its territorial possessions and in all foreign countries, I hereby authorize and request the U.S. Patent Offices and the equivalent offices at foreign countries, to issue to the Assignee, any and all applicable intellectual or industrial property rights in the Invention, for the Assignee's sole use and benefit; and for the use and benefit of his legal representatives, to the full end of the term for which United States and foreign Patents or the like may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

I further covenant and agree with the Assignee that I have a full and unencumbered title to the invention hereby assigned, which title I warrant unto the Assignee, and I further agree that I will, without demanding any further consideration therefore, at the request and at the expense of the Assignee, do all lawful and just acts, including the execution and acknowledgment of instruments, that may be or become necessary for obtaining, sustaining, extending, reissuing or reexamining United States and foreign Patents or the like for the Invention, and for maintaining and perfecting the Assignee's right to the Invention and any and all intellectual or industrial property rights in it, particularly in cases of interference, conflict, opposition and litigation.

IN TESTIMONY WHEREOF, I have hereunto set my hand.

Executed this 26 day of June, 2003,
at Malibu, CA (city).


(Signature)

Attorney Docket: HRL017-DIV

HRL Docket: 990412

Invention Title: EPITAXIALLY-GROWN BACKWARD DIODE

ASSIGNMENT

WHEREAS, I, David H. Chow of 3940 Greenwood Street, Newbury Park, California 91320, United States of America (hereinafter "Assignor") have invented certain new and useful improvements in **EPITAXIALLY-GROWN BACKWARD DIODE** (hereinafter "Invention") for which a Divisional application for a United States Patent was filed on 01/08/2003, Application Number 10/339,174, and/or for which Assignors are making or have made a foreign application for intellectual or industrial property protection under the appropriate body of law corresponding to that foreign jurisdiction.

AND

WHEREAS, HRL Laboratories, LLC, a limited liability company organized and existing under the laws of the State of Delaware, United States of America and having a place of business at 3011 Malibu Canyon Road, Malibu, California, United States of America, (hereinafter "Assignee"), is desirous of acquiring the entire right, title, and interest in the Invention within the United States of America and its territorial possessions, and in all foreign countries in which intellectual or industrial property protection may be granted therefor.

NOW, THEREFORE, for good and valuable consideration, the receipt whereof is hereby acknowledged, I, the Assignor desire to and do hereby assign, sell, and transfer unto Assignee the full and exclusive right to the Invention in the United States of America and its territorial possessions and in all foreign countries, as well as, the entire right, title and interest in and to any and all intellectual or industrial property rights including, but not limited to, Patents, designs, utility models, and inventor certificates which may be granted therefore in the United States of America and its territorial possessions and in all foreign countries, I hereby authorize and request the U.S. Patent Offices and the equivalent offices at foreign countries, to issue to the Assignee, any and all applicable intellectual or industrial property rights in the Invention, for the Assignee's sole use and benefit; and for the use and benefit of his legal representatives, to the full end of the term for which United States and foreign Patents or the like may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

I further covenant and agree with the Assignee that I have a full and unencumbered title to the invention hereby assigned, which title I warrant unto the Assignee, and I further agree that I will, without demanding any further consideration therefore, at the request and at the expense of the Assignee, do all lawful and just acts, including the execution and acknowledgment of instruments, that may be or become necessary for obtaining, sustaining, extending, reissuing or reexamining United States and foreign Patents or the like for the Invention, and for maintaining and perfecting the Assignee's right to the Invention and any and all intellectual or industrial property rights in it, particularly in cases of interference, conflict, opposition and litigation.

IN TESTIMONY WHEREOF, I have hereunto set my hand.

Executed this 26th day of June, 2003,
at Malibu, CA (city).


(Signature)

Page 1 of 1
6/26/03
HRL017-DIV-Chow