08-05-1999

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U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

attached original documents or copy thereof.

	1011123
Name of conveying new (ic)	

Name of conveying party(is):

To the Honorable Commissioner

Ronald Tadao Azuma

2. Name and address of receiving parties: Name: HRL Laboratories, LLC

Internal Address:

Street Address: 3011 Malibu Canyon Road

City: Malibu State: California Zip: 90265-4799 Country: U.S.A.

Additional name(s) & address(es) attached? [] Yes [X] No

Nature of conveyance:

[X] Assignment [] Merger

Additional name(s) of conveying parties attached? [] Yes [X] No

[] Security Agreement [] Change of Name

[] Other ____

Execution Date: July 27, 1999

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: <u>July 27, 1999</u>

A. Patent Application No(s).:

B. Patent No(s):

09/363176

Additional numbers attached? [] Yes [x] No

5. Name and address of party to whom correspondence concerning document should be mailed:

Richard P. Berg

Name: <u>LADAS & PARRY</u>

Internal Address: ____

Street Address: 5670 Wilshire Boulevard, #2100

City: Los Angeles State: CA Zip: 90036

6. Total number of application and patents involved: [1]

7. Total fee (37 CFR 3.41) \$ 40.00

[X] Enclosed

Any additional fees which may be required are

[X] Authorized to be charged to deposit account

No. <u>12-0415</u>

8. Deposit account number:

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Richard P. Berg Name of Person Signing

July 29, 1999

Total number of pages including cover sheet, attachments, and document: [3] plus \$40 check

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B-3615 616984-4

ASSIGNMENT

WHEREAS:

Ronald Tadao Azuma

Residing at:

1165 Kirkford Way

Westlake Village, California 91361

(hereinafter referred to as ASSIGNOR), has invented and owns a certain invention entitled:

"CALIBRATING A MAGNETIC COMPASS WITH AN ANGULAR RATE GYROSCOPE AND A GLOBAL POSITIONING SYSTEM RECEIVER"

for which application for Letters Patent of the United States has been executed on even date herewith;

WHEREAS: HRL Laboratories, LLC

1.

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 therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that ASSIGNOR, for good and valuable consideration, hereby sells, assigns and transfers 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.

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

ASSIGNOR further covenants 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 ASSIGNOR 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.

Subscribed and exec	cuted at Malika (A	
on) 4 (7 7	, 1999	
	Ronald Tadao Azuma	

PATENT REEL: 010140 FRAME: 0429