

12-28-2001

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## PATENTS ONLY

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1. Name of conveying party(ies): 12-13-01  
 (1) Lap-Wai Chow (5) Paul Ouyang  
 (2) Tsung-Yuan Hsu (6) James H. Schaffner  
 (3) Daniel J. Hyman (7) Adele E. Schmitz  
 (4) Robert Y. Loo (8) Robert N. Schwartz

Additional name(s) of conveying parties attached? ☒ YES ☐ NO

3. Nature of conveyance:  
☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Dates: January 4, 2000 by Lap-Wai Chow,  
Tsung-Yuan Hsu, Robert Y. Loo,  
Daniel J. Hyman, and  
Adele E. Schmitz  
January 24, 2000 by Paul Ouyang  
January 3, 2000 by James H. Schaffner  
and Robert N. Schwartz

2. Name and address of receiving parties:

Name: HRL Laboratories

Internal Address: \_\_\_\_\_

Street Address: 3011 Malibu Canyon RoadCity: Malibu State: CaliforniaZip: 90265-4799 Country: USAAdditional 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:

January 4, 2000 by Lap-Wai Chow, Tsung-Yuan Hsu, Robert Y. Loo, and Adele E. SchmitzJanuary 14, 2000 by Daniel J. HymanJanuary 24, 2000 by Paul OuyangJanuary 3, 2000 by James H. Schaffner and Robert N. Schwartz

A. Patent Application No(s):

B. Patent No(s):

Additional numbers attached? ☐ YES ☒ NO

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

Ross A. Schmitt

Name: LADAS & PARRY

Internal Address: \_\_\_\_\_

Street Address: 5670 Wilshire Boulevard, #2100City: Los Angeles State: CA Zip: 900366. Total number of application and patents involved: ☐ 17. Total fee 937 CFR 3.41).....\$ 40.00☒ Enclosed

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Published by THE BUREAU OF NATIONAL AFFAIRS, INC., Washington, D.C. 20037

PATENT  
REEL: 012389 FRAME: 0300

ASSIGNMENT

WHEREAS: **Lap-Wai Chow**  
Residing at: 1636 Camino Lindo  
South Pasadena, California 91030

and

Residing at: **Tsung-Yuan Hsu**  
3463 Three Springs Drive  
Westlake Village, CA 91361

and

Residing at: **Daniel J. Hyman**  
2752 Hampshire  
Cleveland, Ohio 44106

and

Residing at: **Robert Y. Loo**  
29046 Old Carriage Court  
Agoura Hills, California 91301

and

Residing at: **Paul Ouyang**  
960 Cape Jessup Drive  
San Jose, California 95130

and

Residing at: **James H. Schaffner**  
9960 Owensmouth Avenue  
Chatsworth, California 91311

and

Residing at: **Adele E. Schmitz**  
1091 Amberton Lane  
Newbury Park, California 91230

and

**Robert N. Schwartz**  
Residing at: 770 Paularino Ave.  
Costa Mesa, California 92626

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

**"CMOS-COMPATIBLE MEM SWITCHES AND METHOD OF MAKING"**

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

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 therefor 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 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.

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.

Subscribed and executed at X Malibu  
on X 1/4/00.

Inventor: X Lap Wai Chow  
Lap-Wai Chow

Subscribed and executed at X Malibu, CA  
on X 1/4/00.

Inventor: X Tsung-Yuan Hsu  
Tsung-Yuan Hsu

Subscribed and executed at X Malibu, California  
on X Jan. 4, 2000.

Inventor: X Daniel J. Hyman  
Daniel J. Hyman

Subscribed and executed at X Malibu, California  
on X 1/4/00.

Inventor: X Robert Y. Loo  
Robert Y. Loo

Subscribed and executed at X Santa Clara, CA  
on X 1-24-2000.

Inventor: X Paul Ouyang  
Paul Ouyang

Subscribed and executed at X Malibu, CA  
on X Jan. 3, 2000.

Inventor: X James H. Schaffner  
James H. Schaffner

Subscribed and executed at X Malibu, CA  
on X 1-4-00.

Inventor: X Adele E. Schmitz  
Adele E. Schmitz

Subscribed and executed at X Malibu, California  
on X Jan. 3, 2000.

Inventor: X Robert N. Schwartz  
Robert N. Schwartz