

Substitute Form PTO-1595

Docket : **ML-12**U.S. DEPT. OF COMMERCE
Patent and Trademark Office**RECORDATION FORM COVER SHEET
PATENTS ONLY**

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

1. Name of the conveying party(ies) :

Tzu-Yih Chu, and
Ren-Kang Chiou,

2. Name and address of receiving party(ies):

MA Laboratories, Inc.

3. Nature of conveyance:

100 % **assignment** of title to invention
and patent applications.2077 N. Capital Ave.
San Jose, CA 95132Execution Date: 4/25/02

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)

10/063,452

B. Patent No.(s)

5. Name and address of party to whom
correspondence concerning document
should be mailed :Stuart T. Auvinen
429 26th Ave.
Santa Cruz, CA 95062(831) 476-5506
(831) 477-0703 FAX6. Total number of applications and patents
involved: 1

7. Total fee (37 CFR 3.41)..... \$ 40.

☐ Enclosed☒ Authorized to be charged to deposit
account8. Deposit account number: **01-2950****DO NOT USE THIS SPACE**

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.*Stuart T. Auvinen
Reg. No. 36,435
Signature5/21/02
DateTotal number of pages including cover sheet, attachments, and document 3

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ASSIGNMENT OF INVENTION AND PATENT APPLICATION

For value received,

Tzu-Yih Chu, of San Jose California, and
Ren-Kang Chiou, of Fremont California,

(hereinafter ASSIGNOR), hereby sells, assigns, transfers, and sets over unto

MA Laboratories, Inc. of San Jose , California,

and its successors or assigns (hereinafter ASSIGNEE) 100 % of the following:

(A) ASSIGNOR'S right, title and interest in and to the invention entitled "Dual-Bank Memory Module with Stacked DRAM Chips having a Concave-Shaped Re-Route PCB in-between" invented by ASSIGNOR;

(B) the application for United States patent therefor, signed by ASSIGNOR on 4/23/02, United States Patent and Trademark Office Serial Number 10/063,452, filed 4/24/02.

(C) any patent or reissues of any patent that may be granted thereon; and

(D) any applications which are continuations, continuations-in-part, substitutes, or divisions of said application. ASSIGNOR authorizes ASSIGNEE to enter the date of signature and/or Serial Number and Filing Date in the spaces above. ASSIGNOR also authorizes and requests the Commissioner of Patents and Trademarks to issue any resulting patent(s) as follows: 100 % to MA Laboratories, Inc..

ASSIGNOR hereby further sells, assigns, transfers, and sets over unto ASSIGNEE, the entire right title, and interest in and to said invention in each and every country foreign to the United States; and ASSIGNOR further conveys to ASSIGNEE all priority rights resulting from the above-identified application for United States patent. ASSIGNOR agrees to execute all papers, give any required testimony and perform other lawful acts, at ASSIGNEE'S expense, as ASSIGNEE may require to enable ASSIGNEE to perfect ASSIGNEE'S interest in any resulting patent of the United States and countries foreign thereto, and to acquire, hold, enforce, convey, and uphold the validity of said patent and reissues and extensions therefor, and ASSIGNEE'S interest therein.

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In testimony whereof ASSIGNOR has hereunto set its hand and seal on the date below.

Tzu-Yih Chu

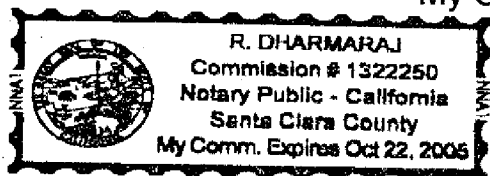
Tzu-Yih Chu

State: California }
County: Santa Clara } ss

Subscribed and sworn to before me on April 25th 2002 (date)

R. Dharmaraj
Notary Public

My Commission Expires Oct 22, 2005



Ren-Kang Chiou
Ren-Kang Chiou

State: California }
County: Santa Clara } ss

Subscribed and sworn to before me on April 25th 2002 (date)

R. Dharmaraj
Notary Public

My Commission Expires Oct 22, 2005

