

09-23-2003

Attorney Docket No. **030108**

9.12.03



102556241

16424 U.S. P.O.  
10/660606  
09/12/03

To the Assistant Commissioner of Patents Please record the attached original documents or copy thereof

1. Name of conveying party(ies)

Wen-Fang LEE  
Wei-Lun HSU  
Chung-Ping CHAO  
Yu-Hsien LIN

Additional name(s) of conveying party(ies) attached?

Yes  No

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

Name: **UNITED MICROELECTRONICS CORP**  
Address: **No. 3, Li-Hsin Rd. 2  
Science-Based Industrial Park  
Hsin-Chu City  
TAIWAN, R.O.C.**

Additional name(s) & address(es) attached?

Yes  No

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other

Execution Date: August 13, 2003

4. Application number(s) or patent number(s): 10/660606

If this document is being filed together with a new application, the execution date of the application is: August 13, 2003

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached?  Yes  No

5. Please address all future correspondences to:

Intellectual Property Solutions, Incorporated  
5717 Colfax Avenue  
Alexandria, VA 22311

6. Total number of applications and patents involved: One

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

- Included in attached form PTO-2038.
- Any additional fees are authorized to be charged to deposit account

8. Deposit account number: 50-2394

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

09/12/2003 HTECKLU1 00000014 10660606

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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.

Robert J. Forsell, Jr.  
Reg. No. 51,693

September 12, 2003

Total number of pages including cover sheet, attachments, and document: 2

Docket No.:

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

- (1) Wen-Fang LEE

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- (2) Wei-Lun HSU

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- (3) Chung-Ping CHAO

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- (4) Yu-Hsien LIN

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who has made a certain new and useful invention, hereby sells, assigns and transfers unto **United Microelectronics Corp.**

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled **Method And Structure To Improve The Gate Coupling Ratio (GCR) For Manufacturing A Flash Memory Device**

- [a] for which an application for United States Letters Patent was filed on, and identified by United States Serial No.; or
- [b] for which an application for United States Letters Patent was executed on,

and the undersigned hereby authorizes and requests the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agrees that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agrees to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

SIGNED on the date indicated aside our signatures:

INVENTORS	DATE SIGNED
(1) <u>Wen-Fang Lee</u> Name: Wen-Fang LEE	<u>2003. 08. 13</u>
(2) <u>Wei-Lun Hsu</u> Name: Wei-Lun HSU	<u>2003. 08. 13</u>
(3) <u>Chung-PING, CHAO.</u> Name: Chung-Ping CHAO	<u>2003. 08. 13</u>
(4) <u>Yu-Hsien Lin</u> Name: Yu-Hsien LIN	<u>2003. 08. 13</u>