

07-11-2000



FORM PTO-1596
1-31-92

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

DOCKET NO.: 2729-104

101399214

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

<p>1. Name of conveying party(ies): Jui-Hsiang PAN</p> <p style="font-size: 2em; margin-left: 100px;">6-26-00</p> <p>Additional name(s) of conveying party(ies) attached?</p>	<p>2. Name and address of receiving party(ies): Name: United Microelectronics Corp. Internal Address: Street Address: No. 3, Li-Hsin Rd. 2, Science-Based Industrial Park, Hsin-Chu City City: State or Area: Zip/Postal Code: Country: TAIWAN, R.O.C. Additional name(s) & address(es) attached?</p>
<p>3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other</p> <p>Execution Date: June 15, 2000</p>	

4. Application number(s) or patent number(s):
If the document is being filed together with a new application, the execution date of the application is: June 15, 2000

A. Patent Application No(s).	B. Patent No(s).
------------------------------	------------------

Additional numbers attached?

<p>5. Name and address of party to whom correspondence concerning document should be mailed: Name: LOWE HAUPTMAN GOPSTEIN GILMAN & BERNER Internal Address: Street Address: 1700 Diagonal Road, Suite 310 City: Alexandria State: VA ZIP: 22314</p>	<p>6. Total number of applications and patents involved: 1</p> <p>7. Total fee (37 CFR 3.41) \$40.00 Is enclosed</p> <p>8. Deposit account number: 07-1337</p>
---	--

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.

Benjamin J. Hauptman
Registration No. 29,310

[Signature]

Signature

40.00 DP

June 26, 2000
Date

Total number of pages comprising cover sheet: 1

CMB No. 0851-0011 (exp. 4/94)

0000012 09603628

40.00 DP

07/06/2000 PALLEH

02 F2:581

PATENT
REEL: 010897 FRAME: 0456

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) <u>Jui-Hsiang PAN</u>	(4) _____
(2) _____	(5) _____
(3) _____	(6) _____

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 FOR FORMING CMOS SENSOR

- [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>Jui-Hsiang PAN</u>	<u>JUN 15 2000</u>
Name: Jui-Hsiang PAN	_____
(2) _____	_____
Name: _____	_____
(3) _____	_____
Name: _____	_____
(4) _____	_____
Name: _____	_____