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TM COVER SHEET

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PATENT'S ONLY

9-10-99

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

1. Name of conveying party(ies):

Hsueh-Chung CHEN
Ming-Sheng YANG
Juan-Yuan WUAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

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, Taiwan, R.O.C.

City: _____ State/Country: _____ ZIP: _____

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger☐ Security Agreement ☐ Change of Name☐ Other _____

Execution Date: August 23, 24, 1999

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: August 23, 24, 1999

A. Patent Application No(s).

B. Patent No(s).

09393909

Additional numbers attached? ☐ Yes ☒ No

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

6. Total number of applications and patents involved: 1

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

☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit account number:

07-1337

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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.

Benjamin J. Hauptman, 29,310

Name and Registration No. of Person Signing

Signature

9/10/99

Date

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02 FC:581

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PATENT
REEL: 010252 FRAME: 0496

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) Hsueh-Chung CHEN (4) _____
 (2) Ming-Sheng YANG (5) _____
 (3) Juan-Yuan WU (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

CHEMICAL MECHANICAL POLISHING APPARATUS FOR CONTROLLING SLURRY DISTRIBUTION

[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

(1) Hsueh-Chung Chen
 Name: **Hsueh-Chung CHEN**
 (2) Ming-Sheng Yang
 Name: **Ming-Sheng YANG**
 (3) Juan-Yuan Wu
 Name: **Juan-Yuan WU**
 (4) _____
 Name: _____
 (5) _____
 Name: _____

DATE SIGNED

Aug. 23. 1999
Aug. 24. 1999
Aug. 23. 1999

