RECO

02-05-1999

| 10 THE ASSISTANT COMMISSIONER FOR P. | 100959119 ocuments or copy thereof. |
|---|--|
| Name of conveying party(ies): (If multiple assignoumerically) | ors, list 2. Name and address of receiving party(ies): Name: United Microelectronics Corp. |
| Hsueh-Chung Chen Juan-Yuan Wu | Internal Address: Street Address: No. 3, Li-Hsin Rd. II, Science-Based |
| 3) Water Lur Additional name(s) of conveying party(ies) attached? | Industrial Park City: Hsinchu Country: Taiwan, R.O.C. |
| () Yes (X) No | Additional name(s) of receiving party(ies) attached? () Yes (X) No |
| 3. Nature of conveyance: | 4. Application number(s) or Patent number(s): |
| (X) Assignment() Merger() Security Agreement() Change of Name | (X) Application(s) filed herewith Execution Date(s): 1) 12/27/98, 2) 12/27/98 and 3 12/28/98 |
| () Other: | () Patent Application No.: Filing Date: |
| Execution Date: (If multiple assignors, list execution and a superior order corresponding to numbers indicated in 1 1 12/27/98, 2) 12/27/98 and 3) 12/28/98 | |
| | Additional numbers attached? () Yes (X) No |
| Name and address of party to whom correspondence oncerning document should be mailed: | , |
| Name: Andrew H. Simpson KNOBBE, MARTENS, OLSON & BEAR, I Customer No. 20,995 | (X) Enclosed (X) Authorized to be charged to deposit account if any additional fees are required, or to credit any overpayment |
| Internal Address: Sixteenth Floor Street Address: 620 Newport Center Drive City: Newport Beach State: CA ZIP: 9 | Deposit account number: 11-1410 |
| Attorney's Docket No.: JIAN188.001AUS | Please charge this account for any additional fees which may be required, or credit any overpayment to this account. |
| 5. Total number of applications and patents involved: | |
| O. Statement and signature. | |
| To the best of my knowledge and belief, the forego the original document. | ing information is true and correct, and any attached copy is a true copy of |
| Andrew H. Simpson Name of Person Signing | Signature January 25, 1999 Date |
| 31,469 | |

Registration No.

02/02/1999 JSHABAZZ 00000056 09236522

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Mail documents to be recorded with required cover sheet information to:

Assistant Commissioner for Patents

Box Assignments

Washington, D.C. 20231

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KNOBBE, MARTENS, OLSON & BEAR, LLP
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(949) 760-0404 FAX (949) 760-9502

ASSIGNMENT

WHEREAS,

1. Hsueh-Chung Chen

2. Juan-Yuan Wu

3. Water Lur

hereinafter referred to as ASSIGNOR, has/have invented certain new and useful improvements as described and set forth in the below identified application for United States Letters Patent:

Title: APPARATUS FOR CONTROLLING UNIFORMITY OF POLISHED MATERIAL

| [] Filed: | Serial No. |
|------------|------------|
|------------|------------|

[x] Executed concurrently with the execution of this instrument

WHEREAS, United Microelectronics Corp.

of No. 3, Li-Hsin Rd. II, Science-Based Industrial Park, Hsinchu, Taiwan, R.O.C.

hereinafter referred to as ASSIGNEE, is desirous of acquiring ASSIGNOR'S interest in the said invention and application and in any U.S. Letters Patent which may be granted on the same:

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has/have sold, assigned and transferred, and by these presents does/do sell, assign and transfer unto the said Assignee, and Assignee's successors and assigns, all his/her/their rights, title and interest in and to the said invention and application and all future improvements thereon, and in and to any Letters Patent which may hereafter be granted on the same in the United States, the said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignor had this Assignment and transfer not been made, to the full end and term of any Letters Patent which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees/agree that he/she/they will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee Lawfully may request, to obtain or maintain Letters Patent for said invention and improvement, and to vest title thereto in said Assignee, or Assignee's successors and assigns.

-1-

ASSIGNMENT CONTINUED

| IN TESTIMONY WH indicated. | IEREOF, Assignor has/have signed | his/her/their name(s) on the date(s) |
|----------------------------|--|--------------------------------------|
| Signature. | Isueh - Chung Chen ventor: Hsueh-Chung Chen | Dec. 27. 1948 |
| | | |
| J | nan-Yuan Wu | Dec. 27. 1888 |
| Signature: | | |
| Second Joint Invento | or (if any): Juan-Yuan Wu | |
| |) ster Lin | Dec, 28, 1998 |
| Signature: | | |

Third Joint Inventor (if any): Water Lur

RECORDED: 01/25/1999