Docket No.: JCLA22310

COVER SHEET U. S. Department of Commerce Patent and Trademark Office
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e record the attached documents or the new address(es) below
2. Name/address of receiving Party(ies)
MACRONIX INTERNATIONAL CO., LTD. NO. 16, LI-HSIN RD., SCIENCE-BASED INDUSTRIAL PARK, HSINCHU, TAIWAN, R.O.C.
Add'1 names of receiving parties
Attached? Yes X No
B. Patent No.(s)
Yes X No
6. Total No. of applications and patents involved: ONE (1)
7. Total fee(37CFR§3.41): \$ 40.00 Authorized to be charged by credit card X Authorized to be charge to deposit account Enclosed None required (government interest not affecting title) 8. Payment Information a. Credit Card Last 4 Numbers Expiration Date
b. Deposit Account Number <u>50-0710</u> Authorized User Name <u>Jiawei Huang</u>
lief, the forging information is true and true copy of the original document. Total number of pages including cover sheet, attachments, and documents: 3

PATENT REEL: 019196 FRAME: 0267 P950201 22310-US-PA

ASSIGNMENT

WHEREAS,

- 1. Tuung LUOH
- 3. Chin-Ta Su

- 2. Shing-Ann Luo
- 4. Ta-Hung Yang

5. Kuang-Chao Chen

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: APC SYSTEM AND MULTIVARIATE MONITORING METHOD FOR PLASMA PROCESS MACHINE

[] Filed:

Serial No.

[x] Executed concurrently with the execution of this instrument

WHEREAS, MACRONIX International Co., Ltd.

of No. 16, Li-Hsin Rd., 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.

P950201 22310-US-PA

ASSIGNMENT CONTINUED

IN TESTIMONY WHEREOF, Assignor has/have signed his/her/their name(s) on the date(s) indicated.

Signature: Tunng Luch Sole or First Joint Inventor: Tunng LUOH	Date:	2007/01/10
Signature: Shing - Ann LUO Second Joint Inventor (if any): Shing-Ann Luo	Date:	2007 (10
Signature: <u>Chih</u> - To 5u Third Joint Inventor (if any): Chin-Ta Su	Date:	>100). (. 10 <u>.</u>
Signature: T-Hung Yang Fourth Joint Inventor (if any): Na-Hung Yang	Date:	2w7,1.10
Signature: Chao Chen Fifth Joint Inventor (if and): Kuang-Chao C	Date:	5007.1.10

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CERTIFICATE OF TRANSMISSION

April 19, 2007

Atty Docket No.	:	JCLA22310
Appl. No.	:	11/737,541
Filing Date	:	April, 19, 2007
Pages	:	Cover + 3

BY FACSIMILE ONLY

Fax No.	:	571-273-0140
Attention	:	MAIL STOP Assignment Commissioner for Patents
From	:	Jiawei Huang, Reg. No. 43,330
MESSAGE	:	Enclosed herewith is a Recordation Cover Sheet with Assignment in 3 pages.

Sir:

I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office on <u>April 19, 2007</u> at the above indicated fax number.

Sign by

Michelle Chang

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PATENT REEL: 019196 FRAME: 0270

RECORDED: 04/19/2007