PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------|----------------|
| Syh-Yuh CHENG | 09/17/2008 |
| Chia-Hsin LIN | 09/17/2008 |
| Chin-Ching LIN | 09/17/2008 |
| Mei-Ching CHIANG | 09/17/2008 |

RECEIVING PARTY DATA

| Name: | Industrial Technology Research Institute |
|-----------------|-------------------------------------------|
| Street Address: | No. 195, Sec. 4, Chung Hsing Rd., Chutung |
| City: | Hsinchu |
| State/Country: | TAIWAN |
| Postal Code: | 31040 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 12260466 |

CORRESPONDENCE DATA

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|-------------------------|-------------------|
| NAME OF SUBMITTER: | Kenneth M. Berner |

Total Attachments: 1

PATENT REEL: 021756 FRAME: 0549

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PATENT REEL: 021756 FRAME: 0550

RECORDED: 10/29/2008

ASSIGNMENT

WHEREAS, Syn-Yuh Cheng, CHIA-HSIN LIN, CHIN-CHING LIN, and MEI-CHING CHIANG hereafter 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:

CHLORINE, FLUORINE AND LITHIUM CO-DOPED TRANSPARENT CONDUCTIVE Title: FILMS AND METHODS FOR FABRICATING THE SAME Serial No. 12/260,466 Filed: October 29, 2008 Executed on: September 17, 2008

WHEREAS, <u>Industrial Technology Research Institute</u> of No. 195, Sec. 4, Chung Hsing Rd., Chutung, Hsinchu 31040, 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.

IN TESTIMONY WHEREOF, Assignor has/have signed his/her/their name(s) on the date(s) indicated. Syl-Yuh Cheng
Syh-Yuh Cheng Chin-ching Lin MEI-CHING CHIANG
P54960098US/0954-A22481-US 1 of 1

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REEL: 021756 FRAME: 0551