

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | | | | | | | | | |
|---|---|---------------|----------------|---------------------|------------|-------------|------------|----------------|------------|---------------|------------|--------------|------------|-----------------|------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT | | | | | | | | | | | | | | |
| CONVEYING PARTY DATA | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Li-Cheng JHENG</td> <td>05/30/2012</td> </tr> <tr> <td>Jrjeng RUAN</td> <td>06/01/2012</td> </tr> <tr> <td>Ming-Tsong LEU</td> <td>05/30/2012</td> </tr> <tr> <td>Kuo-Chen SHIH</td> <td>05/30/2012</td> </tr> <tr> <td>Jyh-Horng WU</td> <td>05/30/2012</td> </tr> <tr> <td>Cheng-Hsing FAN</td> <td>05/30/2012</td> </tr> </tbody> </table> | | Name | Execution Date | Li-Cheng JHENG | 05/30/2012 | Jrjeng RUAN | 06/01/2012 | Ming-Tsong LEU | 05/30/2012 | Kuo-Chen SHIH | 05/30/2012 | Jyh-Horng WU | 05/30/2012 | Cheng-Hsing FAN | 05/30/2012 |
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| Li-Cheng JHENG | 05/30/2012 | | | | | | | | | | | | | | |
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| Jyh-Horng WU | 05/30/2012 | | | | | | | | | | | | | | |
| Cheng-Hsing FAN | 05/30/2012 | | | | | | | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | | | | | | | |
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| City: | Hsinchu | | | | | | | | | | | | | | |
| State/Country: | TAIWAN | | | | | | | | | | | | | | |
| Postal Code: | 31040 | | | | | | | | | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13494660</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 13494660 | | | | | | | | | | |
| Property Type | Number | | | | | | | | | | | | | | |
| Application Number: | 13494660 | | | | | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | | | | | |
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| ATTORNEY DOCKET NUMBER: | 0941-2615PUS1 | | | | | | | | | | | | | | |

OP \$40.00 13494660

NAME OF SUBMITTER:

Paul C. Lewis

Total Attachments: 2

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ASSIGNMENT

WHEREAS, Li-Cheng JHENG, Jrjeng RUAN, Ming-Tsong LEU, Kuo-Chen SHIH, Jyh-Horng WU and Cheng-Hsing FAN 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:

Title: POLYESTER FILMS WITH LOW THERMAL EXPANSION AND METHODS FOR MANUFACTURING THE SAME

Filed: June 12, 2012 Serial No. 13/494,660

Executed on: May 30, 2012; June 1, 2012

WHEREAS, INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE of No. 195, Sec. 4, Chung Hsing Rd., Chutung, Hsinchu, Taiwan 31040, 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.

Li-Cheng Jheng
Li-Cheng JHENG

2012.5.30
Date:

Jrjeng Ruan
Jrjeng RUAN

6.01.2012
Date:

ASSIGNMENT

Ming-Tsong LEU
Ming-Tsong LEU

2012.5.30
Date:

Kuo-Chen SHIH
Kuo-Chen SHIH

5/30/12
Date:

Jyh-Horng WU
Jyh-Horng WU

2012.5.30
Date:

Cheng-Hsing FAN
Cheng-Hsing FAN

2012.5.30
Date: