## PATENT ASSIGNMENT

# Electronic Version v1.1 Stylesheet Version v1.1

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

#### **CONVEYING PARTY DATA**

| Name                          | Execution Date |
|-------------------------------|----------------|
| Formosa Epitaxy Incorporation | 04/21/2009     |

### RECEIVING PARTY DATA

| Name:             | Lumens Co., Ltd.           |
|-------------------|----------------------------|
| Street Address:   | 456 Gomae-Dong, Giheung-Gu |
| Internal Address: | Yongin-si                  |
| City:             | Gyeonggi-do                |
| State/Country:    | REPUBLIC OF KOREA          |
| Postal Code:      | 449-901                    |

| Name:             | ormosa Epitaxy Incorporation |  |
|-------------------|------------------------------|--|
| Street Address:   | No. 99, Lung-Yuan 1st Road   |  |
| Internal Address: | Lung-Tan Ind. Park           |  |
| City:             | Lung-Tan, Tao-Yung Hsien     |  |
| State/Country:    | TAIWAN                       |  |

### PROPERTY NUMBERS Total: 21

| Property Type  | Number  |
|----------------|---------|
| Patent Number: | 7173289 |
| Patent Number: | 6753552 |
| Patent Number: | 7442962 |
| Patent Number: | 7374958 |
| Patent Number: | 7345321 |
| Patent Number: | 7307291 |
| Patent Number: | 7180097 |
| Patent Number: | 7180096 |
| Patent Number: | 7148519 |
|                |         |

PATENT REEL: 023196 FRAME: 0646 DP \$840.00 717328

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| 7033949 |
| 6967346 |
| 6979835 |
| 6841804 |
| 6914264 |
| 6248608 |
| 7105850 |
| 7087924 |
| 7087922 |
| 7049638 |
| 7042019 |
|         |

#### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER: 090211FO

NAME OF SUBMITTER: Jason Z. Lin

Total Attachments: 2

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PATENT REEL: 023196 FRAME: 0647

# **DEED OF ASSIGNMENT**

WHEREAS, I/we, <u>Formosa Epitaxy Incorporation</u>, whose post office address(es) appear(s) below, hereinafter referred to as ASSIGNOR, is the sole owner of the following patents issued by the United States Patent and Trade mark Office (hereinafter "PATENTs"):

|      | <u>Title</u>   | Patent No. |
|------|--|------------|
| 1.   | Light Emitting Diode Structure Having Photonic Crystals                | 7,173,289  |
| 2.   | Growth-Selective Structure Of Light-Emitting Diode                     | 6,753,552  |
| . 3. | High-Brightness Gallium-Nitride Based Light Emitting Diode Structure   | 7,442,962  |
| 4.   | Light Emitting Semiconductor Bonding Structure And Method Of           | 7,374,958  |
|      | Manufacturing The Same   |            |
| 5.   | High-Brightness Gallium-Nitride Based Light Emitting Diode Structure   | 7,345,321  |
| 6.   | Gallium-Nitride Based Ultraviolet Photo Detector                       | 7,307,291  |
| 7.   | High-Brightness Gallium-Nitride Based Light Emitting Diode Structure   | 7,180,097  |
| 8.   | Gallium-Nitride Based Light-Emitting Diode Structure With High Reverse | 7,180,096  |
|      | Withstanding Voltage And Anti-ESD Capability                           |            |
| 9.   | Structure Of GaN Light-Emitting Diode                                  | 7,148,519  |
| 10.  | Structure Of GaN Light-Emitting Diode                                  | 7,042,018  |
| 11.  | Structure And Manufacturing Method For Nitride-Based Light-Emitting    | 7,033,949  |
|      | Diodes   |            |
| 12.  | Light Emitting Diode Structure And Manufacture Method Thereof          | 6,967,346  |
| 13.  | Gallium-Nitride Based Light-Emitting Diode Epitaxial Structure         | 6,979,835  |
| 14.  | Device Of White Light-Emitting Diode                                   | 6,841,804  |
| 15.  | Structure And Manufacturing Method For GaN Light Emitting Diodes       | 6,914,264  |
| 16.  | Manufacturing Method Of A Gallium Nitride-Based Blue Light Emitting    | 6,248,608  |
|      | Diode (LED) OHMIC Electrodes   |            |
| 17.  | GaN LED Structure With P-Type Contacting Layer Grown At                | 7,105,850  |
|      | Low-Temperature And Having Low Resistivity                             |            |
| 18.  | Gallium-Nitride Based Light Emitting Diode Structure With Enhanced     | 7,087,924  |
|      | Light Illuminance  |            |
| 19.  | Light-Emitting Diode Structure   | 7,087,922  |
| 20.  | High-Brightness Gallium-Nitride Based Light Emitting Diode Structure   | 7,049,638  |
| 21.  | Gallium-Nitride Based Multi-Quantum Well Light-Emitting Diode          | 7,042,019  |
|      | N-Type Contact Layer Structure   |            |

WHEREAS, <u>LUMENS CO.</u>, <u>LTD.</u> having its office located at <u>456 Gomae-Dong</u>, <u>Giheung-Gu</u>, <u>Yongin-si</u>, <u>Gyeonggi-do</u>, <u>Korea 449-901</u> and <u>Formosa Epitaxy Incorporation</u> having its office located at <u>No.99</u>, <u>Lung-Yuan 1st Road</u>, <u>Lung-Tan Ind. Park</u>, <u>Lung-Tan</u>, <u>Tao-Yung Hsien</u>, <u>Taiwan</u>, <u>R.O.C.</u> hereinafter referred to as assignees, are desirous of acquiring the entire right, title and interest in and to the same in the United States;

NOW, THEREFORE, for good and valuable consideration, the ASSIGNOR hereby sells, assigns and transfers to the assignees the entire right, title and interest in and to the PATENTs and its successors, in accordance with the following percentiles of ownership interest: Five percent (5%) to <u>LUMENS CO., LTD.</u>, Ninety-Five percent (95%) to <u>Formosa Epitaxy Incorporation</u>.

PATENT REEL: 023196 FRAME: 0648 ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

ASSIGNOR further covenants that ASSIGNEEs will, upon his request, be provided promptly with all pertinent facts and documents to said PATENTs as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related hereto and will promptly execute and delivery to ASSIGNEEs or his legal representatives any and all papers, instruments or affidavits required to obtain, maintain, issue and enforce said PATENTs which may be necessary or desirable to carry our the purpose thereof.

| Assignor Name<br>Fen-Ren Chien | Address  |
|--------------------------------|--|
| Signature L'hun                | No.99, Lung-Yuan 1st Road, Lung-Tan Ind. Park,<br>Lung-Tan, Tao-Yung Hsien, Taiwan, R.O.C. |
| Title<br>President             |  |
| Where Signed Taiwan, R. O. C.  | Date April 21, 2009  |

| Assignee Name            | Address  |
|--------------------------|--|
| Tae-Kyung Yoo            |  |
| Signature Tae-Krung (00. | 456 Gomae-Dong, Giheung-Gu, Yongin-si,<br>Gyeonggi-do, Korea 449-901 |
| Title<br>President       |  |
| Where Signed             | Date   |
| Taiwan                   | April 21, 2009   |

| Assignee Name<br>Fen-Ren Chien | Address  |
|--------------------------------|--|
| Signature Lh L                 | No.99, Lung-Yuan 1st Road, Lung-Tan Ind. Park,<br>Lung-Tan, Tao-Yung Hsien, Taiwan, R.O.C. |
| Title                          |  |
| President                      |  |
| Where Signed                   | Date April 21, 2009  |
| Taiwan, R. O. C.               | April 21, 2009   |