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Form PTO-1595  
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RECORD

DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

MLD  
3-14-05  
HSU, Wei-Jen  
KER, Ming-Dou  
LI, Ying-Hsin  
SHIH, AnAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

01/05/2005

Execution Date: \_\_\_\_\_

## 2. Name and address of receiving party(ies)

Name: TOPPOLY OPTOELECTRONICS CORP.

Internal Address: No. 12, Ke-Jung Road, Science-  
Based Industrial Park, Chu-Nan 350

Miao-Li County, Taiwan, R.O.C.

Street Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s) 11/004,044

B. Patent No.(s) \_\_\_\_\_

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Wen Liu

Internal Address: LIU &amp; LIU

Street Address: \_\_\_\_\_

811 West 7th Street, Suite 1100

City: Los Angeles State: CA Zip: 90017

## 6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00

- ☒ Enclosed  
☐ Authorized to be charged to deposit account

## 8. Deposit account number:

501288

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## 9. Signature.

WEN LIU

Name of Person Signing

Signature

March 7, 2005

Date

Total number of pages including cover sheet, attachments, and documents: 2

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

03/15/2005 H&amp;UTEMR1 00000032 11004044

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PATENT  
REEL: 016364 FRAME: 0933

**JOINT ASSIGNMENT**

THIS ASSIGNMENT, by Wei-Jen Hsu, Ming-Dou Ker, Ying-Hsin Li and An Shih (hereinafter referred to as the assignors), residing at 16F.-1, No.31, Shihjhong 1st Rd., Cianjin District, Kaohsiung City 801, Taiwan R.O.C., 4F.-3, No. 3, Lane 200, Pao-Shan Rd., Hsinchu, Taiwan, R.O.C., No. 5, Lane 546, Dashuen 2nd Rd., Sanmin Chiu, Kaohsiung, Taiwan 807, R.O.C. and No. 98-1, Fanjin Rd., Puyan Shiang, Changhua, Taiwan 516, R.O.C., respectively, witnesseth:

WHEREAS, said assignors have invented certain new and useful improvements in LEVEL SHIFTER, set forth in an application for Letters Patent of the United States, (a) having an oath or declaration executed, respectively, on \_\_\_\_\_; or (b) which was filed on Dec. 2, 2004, as Application Serial No. 11/004,044; and

WHEREAS, TOPPOLY OPTOELECTRONICS CORP., a corporation duly organized under and pursuant to the laws of Taiwan, R.O.C. and having its principal place of business at No. 12, Ke-Jung Road, Science-Based Industrial Park, Chu-Nan 350, Miao-Li County, Taiwan, R.O.C. (hereinafter referred to as the assignee) is desirous of acquiring the entire right, title and interest in and to said inventions and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto said assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said inventions and the Letters Patent to be issued thereon for the sole use of said assignee, its successors, legal representatives and assigns.

Jan. 5, 2005

Date

Wei-Jen Hsu  
Name: Wei-Jen Hsu

Jan. 5, 2005

Date

Ming-Dou Ker  
Name: Ming-Dou Ker

Jan. 5, 2005

Date

Ying-Hsin Li  
Name: Ying-Hsin Li

Jan. 5, 2005

Date

An Shih  
Name: An Shih

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