

PATENT ASSIGNMENT

Electronic Version v1.1

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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>Hung-Lin Shih</td><td>07/14/2008</td></tr><tr><td>Tsan-Chi Chu</td><td>07/14/2008</td></tr><tr><td>Wen-Shiang Liao</td><td>07/14/2008</td></tr><tr><td>Wen-Ching Tsai</td><td>07/14/2008</td></tr></tbody></table>	Name	Execution Date	Hung-Lin Shih	07/14/2008	Tsan-Chi Chu	07/14/2008	Wen-Shiang Liao	07/14/2008	Wen-Ching Tsai	07/14/2008	
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RECEIVING PARTY DATA											
Name:	UNITED MICROELECTRONICS CORP.										
Street Address:	No.3, Li-Hsin Road 2, Science-Based Industrial Park										
City:	Hsin-Chu City										
State/Country:	TAIWAN										
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>12173807</td></tr></tbody></table>	Property Type	Number	Application Number:	12173807							
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Application Number:	12173807										
CORRESPONDENCE DATA											
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Total Attachments: 2 source=465561#page1.tif source=465561#page2.tif											

CH \$40.00 12173807

PATENT

500593349

REEL: 021241 FRAME: 0004

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration.

ASSIGNOR(S) (Inventors):

Name: Hung-Lin Shih Nationality: R.O.C.

Name: Tsan-Chi Chu Nationality: R.O.C.

Name: Wen-Shiang Liao Nationality: R.O.C.

Name: Wen-Ching Tsai Nationality: R.O.C.

Hereby sells, assigns and transfers to

ASSIGNEE(S):

Name: UNITED MICROELECTRONICS CORP.

Address: No.3, Li-Hsin Road 2, Science-Based Industrial Park, Hsin-Chu City 300, Taiwan, R.O.C.

and the successors and assignees of the ASSIGNEE the entire right, title, and interest in and to any and all improvements which are disclosed in the invention entitled:

"PIN PHOTODIODE STRUCTURE AND METHOD FOR MAKING THE SAME"

Which is found in :

- (a) + U.S. patent application executed on even date
(b) _____ U.S. patent application executed on _____
(c) _____ U.S. application serial no. _____
(d) _____ patent no. _____ issued _____

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuations, continuation-in-part, divisions, renewals, substitutes, or extensions thereof, and as to Letters Patent any reissue or re-examination thereof

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;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the proposes thereof.

IN WITNESS WHEREOF, We have hereunto set hand and seal this JUL 14 2008 (Date of signing). (請發明人務必簽署上列日期。)

(Type name of inventor)

Signature of INVENTOR

Hung-Lin Shih

Hung-Lin Shih

Tsan-Chi Chu

Tsan-Chi Chu

Wen-Shiang Liao

Wen-Shiang Liao

Wen-Ching Tsai

Wen-Ching Tsai