

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>Bernd Karl APPELT</td><td>10/01/2009</td></tr><tr><td>William T. CHEN</td><td>10/01/2009</td></tr><tr><td>Calvin CHEUNG</td><td>10/01/2009</td></tr><tr><td>Shih-Fu HUANG</td><td>10/01/2009</td></tr><tr><td>Yuan-Chang SU</td><td>10/01/2009</td></tr><tr><td>Chia-Cheng CHEN</td><td>10/01/2009</td></tr><tr><td>Ta-Chiun LEE</td><td>10/01/2009</td></tr></tbody></table>		Name	Execution Date	Bernd Karl APPELT	10/01/2009	William T. CHEN	10/01/2009	Calvin CHEUNG	10/01/2009	Shih-Fu HUANG	10/01/2009	Yuan-Chang SU	10/01/2009	Chia-Cheng CHEN	10/01/2009	Ta-Chiun LEE	10/01/2009
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<table border="1"><tr><td>Name:</td><td>Advanced Semiconductor Engineering, Inc.</td></tr><tr><td>Street Address:</td><td>No. 26, Jingsan Rd.</td></tr><tr><td>Internal Address:</td><td>Nantz Chiu</td></tr><tr><td>City:</td><td>Kaohsiung</td></tr><tr><td>State/Country:</td><td>TAIWAN</td></tr><tr><td>Postal Code:</td><td>811</td></tr></table>		Name:	Advanced Semiconductor Engineering, Inc.	Street Address:	No. 26, Jingsan Rd.	Internal Address:	Nantz Chiu	City:	Kaohsiung	State/Country:	TAIWAN	Postal Code:	811				
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CORRESPONDENCE DATA																	
Fax Number: (703)621-7155 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																	
Phone: 703 621 7140																	
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Address Line 4: Fairfax, VIRGINIA 22038																	
ATTORNEY DOCKET NUMBER:	4448/0336PUS1																

PATENT

500999765

REEL: 023434 FRAME: 0097

OP \$40.00 12562950

NAME OF SUBMITTER:

Joe McKinney Muncy

Total Attachments: 2

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ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

Page 1 of 2

WHEREAS Bernd Karl Appelt, William T Chen, Calvin Cheung, Shih-Fu Huang , Yuan-Chang Su, Chia-Cheng Chen and Ta-Chun Lee

hereinafter referred to collectively as the assignor, has invented a certain improvement relating to

SUBSTRATE HAVING SINGLE PATTERNED METAL LAYER, AND PACKAGE APPLIED WITH THE SUBSTRATE, AND METHODS OF MANUFACTURING OF THE SUBSTRATE AND PACKAGE

[] the inventor's declaration for said application being executed concurrently with the execution of this instrument; said application to be filed in the United States Patent and Trademark Office;

[X] said application having been filed in the United States Patent and Trademark Office on September 18, 2009, authorization being hereby given to my attorneys, Customer No. 60601 , to insert here in parentheses (Application Serial No. 12/562,950) the application serial number of said application when known;

[] said application having been filed under the Patent Cooperation Treaty on _____, Serial No. _____, the United States of America being designated.

AND WHEREAS Advanced Semiconductor Engineering, Inc. of No.26, Jingsan Rd., Nantz Chiu, Kaohsiung, Taiwan 811, R.O.C., hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the full and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

日月光編號 ASE2238 || 三達編號 US5526PA

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

Page 2 of 2

ASSIGNOR:

Signature:



Printed Name: Bernd Karl Appelt

Date: October 1, 2009

ASSIGNOR:

Signature:

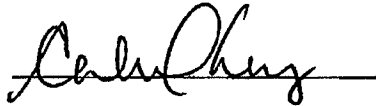


Printed Name: William T Chen

Date: October 1, 2009

ASSIGNOR:

Signature:

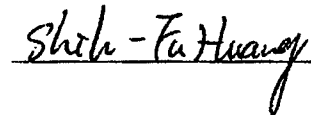


Printed Name: Calvin Cheung

Date: October 1, 2009

ASSIGNOR:

Signature:



Printed Name: Shih-Fu Huang

Date: October 1, 2009

ASSIGNOR:

Signature:



Printed Name: Yuan-Chang Su

Date: October 1, 2009

ASSIGNOR:

Signature:

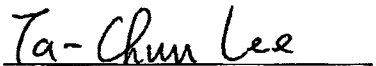


Printed Name: Chia-Cheng Chen

Date: October 1, 2009

ASSIGNOR:

Signature:



Printed Name: Ta-Chun Lee

Date: October 1, 2009

Witness:

Signature:

Printed Name:

Date:

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PATENT

RECORDED: 10/28/2009

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