

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	SARAVUTH SIRINORAKUL	07/02/2015
	DIMAANO ANTONIO BAMBALAN JR	07/02/2015
	HUANG RUI	07/02/2015
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	UTAC HEADQUARTERS PTE. LTD.	
<b>Street Address:</b>	22 ANG MO KIO INDUSTRIAL PARK 2	
<b>City:</b>	SINGAPORE	
<b>State/Country:</b>	SINGAPORE	
<b>Postal Code:</b>	569506	
<b>PROPERTY NUMBERS Total: 1</b>		
<b>Property Type</b>	<b>Number</b>	
<b>Application Number:</b>	14794715	
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(408)530-9797	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>		
<b>Phone:</b>	408-530-9700	
<b>Email:</b>	tom@hollp.com	
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<b>ATTORNEY DOCKET NUMBER:</b>	UTAC-00401	
<b>NAME OF SUBMITTER:</b>	THOMAS B. HAVERSTOCK	
<b>SIGNATURE:</b>	/Thomas B. Haverstock/	
<b>DATE SIGNED:</b>	07/08/2015	
<b>Total Attachments: 2</b>		
source=Assignment_Saravuth#page1.tif		
source=Assignment_Dimaano_Huang#page1.tif		

ASSIGNMENT

WHEREAS, WE, Saravuth Sirinorakul, Dimaano Antonio Jr Bambalan, and Huang Rui, hereinafter referred to as "ASSIGNORS", have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: **A SEMICONDUCTOR PACKAGE HAVING ROUTING TRACES THEREIN**

Date of execution of application: \_\_\_\_\_ Filing Date: \_\_\_\_\_ Serial No.: \_\_\_\_\_

WHEREAS, UTAC Headquarters Pte. Ltd., incorporated in Singapore, located at 22 Ang Mo Kio Industrial Park 2, Singapore 569506, hereinafter referred to as "ASSIGNEE", is desirous of acquiring the entire right, title and interest in said invention and application and in any 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, Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said Assignee, and Assignee's successors and assigns, all right, title and interest in and to said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, prolongations or extensions thereof, said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignors had this assignment and transfer not been made, to the full end and term of any Letters Patent.

Assignors further agree that 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 in any and all countries, and to vest title thereto in said Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have hereunto signed their names to this assignment on the dates indicated below.

Saravuth Sirinorakul  
Saravuth Sirinorakul

July 2 '15  
Date

Dimaano Antonio Jr Bambalan  
Dimaano Antonio Jr Bambalan

\_\_\_\_\_  
Date

Huang Rui  
Huang Rui

\_\_\_\_\_  
Date

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California

County of \_\_\_\_\_ )

On \_\_\_\_\_ before me, \_\_\_\_\_, personally appeared \_\_\_\_\_, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

[SEAL]

Signature \_\_\_\_\_  
Signature of Notary

ASSIGNMENT

WHEREAS, WE, Saravuth Sirinorakul, Dimaano Antonio Jr Bambalan, and Huang Rui, hereinafter referred to as "ASSIGNORS", have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent;

Title of Invention: **A SEMICONDUCTOR PACKAGE HAVING ROUTING TRACES THEREIN**

Date of execution of application: \_\_\_\_\_ Filing Date: \_\_\_\_\_ Serial No.: \_\_\_\_\_

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NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged, Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said Assignee, and Assignee's successors and assigns, all right, title and interest in and to said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, prolongations or extensions thereof, said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignors had this assignment and transfer not been made, to the full end and term of any Letters Patent.

Assignors further agree that 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 in any and all countries, and to vest title thereto in said Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have hereunto signed their names to this assignment on the dates indicated below.

\_\_\_\_\_  
Saravuth Sirinorakul

\_\_\_\_\_  
Date

\_\_\_\_\_  
*[Signature]*  
Dimaano Antonio Jr Bambalan

\_\_\_\_\_  
*02 July 2015*  
Date

\_\_\_\_\_  
*[Signature]*  
Huang Rui

\_\_\_\_\_  
*02 July 2015*  
Date

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State of California

County of \_\_\_\_\_ )

On \_\_\_\_\_ before me, \_\_\_\_\_, personally appeared \_\_\_\_\_, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

[SEAL]

Signature \_\_\_\_\_  
Signature of Notary