

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Chung Yu WANG	03/08/2010
RECEIVING PARTY DATA	
Name:	TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY. LTD.
Street Address:	No. 8, Li-Hsin Rd. VI, Hsinchu Science Park
City:	Hsinchu
State/Country:	TAIWAN
Postal Code:	300
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12706040
CORRESPONDENCE DATA	
Fax Number:	(703)518-5499
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	7036841111
Email:	sramunto@ipfirm.com
Correspondent Name:	LOWE HAUPTMAN HAM & BERNER, LLP
Address Line 1:	1700 DIAGONAL ROAD
Address Line 2:	SUITE 300
Address Line 4:	ALEXANDRIA, VIRGINIA 22314
ATTORNEY DOCKET NUMBER:	T5057-R172
NAME OF SUBMITTER:	Randy A. Noranbrock
Total Attachments: 1 source=efiledassgn4-7-10#page1.tif	

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PATENT
REEL: 024199 FRAME: 0083

Docket No.: T5057-R172
TSMC2009-0811

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

1) **Chung Yu WANG**

who has made a certain new and useful invention, hereby sells, assigns and transfers unto

TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY, LTD. having a place of business at **No. 8, Li-Hsin Rd. VI, Hsinchu Science Park, Hsinchu, Taiwan 300**

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

LIGHT-EMITTING DIODE (LED) PACKAGE SYSTEMS

(a) for which an application for United States Letters Patent was filed on February 16, 2010, and identified by United States Patent Application No. 12/706,040; or

(b) for which an application for United States Letters Patent was executed on _____,

and the undersigned hereby authorizes and requests the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefore and any and all extensions, divisions, reissues, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agrees that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agrees to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the date indicated aside my signature:

1) *Chung Yu Wang*
Name: **Chung Yu WANG**

Mar. 08 '10
Date: