502721885 03/14/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2768489

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HARRY-HAK-LAY CHUANG	03/12/2014
WEI CHENG WU	03/12/2014
CHIN-YI HUANG	03/12/2014
SHIH-CHANG LIU	03/12/2014
CHANG-MING WU	03/12/2014

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14210796

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NAME OF SUBMITTER:	DAVID W. POTASHNIK
SIGNATURE:	/David W. Potashnik/
DATE SIGNED:	03/14/2014

Total Attachments: 7

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PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

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Assignee:

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AGREEMENT

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled

"SI RECESS METHOD IN HKMG REPLACEMENT GATE TECHNOLOGY" for which:

a non-provisional application for United States Letters Patent:

PATENT

REEL: 032437 FRAME: 0959

\boxtimes	was executed on even date preparatory to filing (each inventor should sign	i this
	Assignment on the same day as he/she signs the Declaration); or	si ^t "
	was filed on and accorded U.S. Serial No; or	
	I hereby authorize and request my attorney associated with Customer	No.
	107476, to insert on the designated lines below the filing date and applic	ation
	number of said application when known:	•:
	U.S. Serial No.	٠ د
	filed on	. :

WHEREAS, ASSIGNEE (listed above), a corporation of the Republic of China is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefore in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sell, assign and transfer unto ASSIGNEE its successors and assigns, the entire right, title and interest in and to said invention and improvements, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues, re-examinations and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR(S) had this assignment, transfer and sale not been made. ASSIGNOR(S)

hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR(S) agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefore.

3-12-2014.

Date

chuanghl 2014/03/12 09:24:59

Name 1st Inventor Harry-Hak-Lay Chuang

2014.3.12

Date

chuanghl 2014/03/12 09:24:39

Name 2nd Inventor Wei Cheng Wu

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3-12-,2014

Date

Chin Ti Huang

Name 3rd Inventor Chin-Yi Huang

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REEL: 032437 FRAME: 0963

Name 4th Inventor Shih-Chang

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2014/3/12

Name

5th Inventor

r Chang-Mind Wu

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RECORDED: 03/14/2014