# 503712459 02/26/2016

## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT				
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT				
CONVEYING PARTY	ΑΤΑ						
		Name	Execution Date				
BYONG DEOK CHOI			02/25/2016				
DONG KYUE KIM		02/25/2016					
KWANG HYUN JEE		02/25/2016					
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PROPERTY NUMBERS	S Total: 1						
Property Type		Number	]				
Application Number:		14915102					
			J				
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NAME OF SUBMITTER:		MAXFIELD W. FULTON	MAXFIELD W. FULTON				
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DATE SIGNED:		02/26/2016	02/26/2016				
Total Attachments: 1 source=Assignment MHN	N16302P	CTUS (as filed) 2-26-16#page1.tif					

#### ASSIGNMENT

WHEREAS, I/we, the following named inventor(s):

- 1. Byong Deok Choi, residing in Seoul, Republic of Korea;
- 2. Dong Kyue Kim, residing in Seoul, Republic of Korea; and
- 3. Kwang Hyun Jee, residing in Gyeonggi-do, Republic of Korea;

have invented an invention entitled METHOD AND APPARATUS FOR GENERATING PUF BY TRANSFORMING PHOTO MASK IN SEMICONDUCTOR PROCESS for which I/we have executed an application for Letters Patent of the United States (check one):

( ) on the date I/we executed this assignment;

( ) as U.S. Patent Application No	, iĭled	·
(X) as International Application No.	PCT/KR2014/007908 , filed	August 26, 2014 ;

l/we authorize the attorneys at Alleman Hall McCoy Russell & Tuttle LLP (Customer Number 50488) to insert the filing date and application number of said application when known.

WHEREAS, ICTK CO., LTD., ("Assignee"), a Republic of Korea corporation, having its principal place of business at 3rd Floor, 323, Pangyo-ro, Bundang-gu, Seongnam-si, Gyeonggi-do, 463-400, Republic of Korea, is desirous of acquiring an interest therein;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, l/we, the above named inventor(s), have sold, assigned, and transferred, and by these presents do sell, assign, and transfer unto Assignee, the full and exclusive right to the above-identified invention in the United States and its territorial possessions and in all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries, and in and to any and all divisions, reissues, continuations and extensions thereof, and all priority rights under all present or future conventions and treaties, and any provisional applications for which priority is claimed.

I/We hereby authorize and request the Patent Office officials in the United States and any and all foreign countries to issue any and all of said Letters Patent, when granted, to Assignee, as the assignee of my/our entire right, title and interest in and to the same, for the sole use of the Assignee, its successors and assigns.

Further, I/we agree that I/we will communicate to Assignee, or its representatives, any facts known to me/us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitution, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to Assignee, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and in any and all foreign countries.

IN TESTIMONY WHEREOF, I/we have hereunto set my/our hand(s) on the dates indicated below.

1. Inventor Name: <u>By</u>	ong Deok Choi	Signature:	pane	Date:	Feb. 25, 2016
2. Inventor Name: Do	ng Kyue Kim	Signature:	Day Kyuthi	Date:	Feb. 25, 2016
3. Inventor Name: Kw	vang Hyun Jee	Signature:	A	Date:	Feb. 25, 2016

ASSIGNMENT Page 1 of 1 - AHMRT Ref: MHN16302PCTUS; MHN Ref: FPE-2014-0387/US

### PATENT REEL: 037843 FRAME: 0245

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