

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

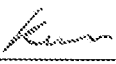
EPAS ID: PAT3043076

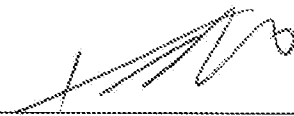
<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
TAE SIN HA	07/25/2014
YOUNG DO KWON	07/25/2014
YOUN BAEK LEE	07/25/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Samsung Electronics Co., Ltd.
<b>Street Address:</b>	129 Samsung-ro, Yeongtong-gu
<b>City:</b>	Suwon-si, Gyeonggi-do
<b>State/Country:</b>	KOREA, REPUBLIC OF
<b>Postal Code:</b>	443-742
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14498288
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(703)668-8200
<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>	703-668-8000
<b>Email:</b>	demailroom@hdp.com
<b>Correspondent Name:</b>	HARNESS, DICKEY & PIERCE, P.L.C.
<b>Address Line 1:</b>	P.O. BOX 8910
<b>Address Line 4:</b>	RESTON, VIRGINIA 20195
<b>ATTORNEY DOCKET NUMBER:</b>	15524SI-000542-US
<b>NAME OF SUBMITTER:</b>	JOHN A. CASTELLANO
<b>SIGNATURE:</b>	/John A. Castellano, Reg. No. 35,094/
<b>DATE SIGNED:</b>	09/29/2014
<b>Total Attachments: 4</b>	
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LEGAL NAME OF SECOND INVENTOR/ASSIGNOR	Family Name	First Given Name	Second Given Name
	KWON	Young Do	
SIGNATURE <u></u> DATE <u>July 125/2014</u>			

LEGAL NAME OF THIRD INVENTOR/ASSIGNOR	Family Name	First Given Name	Second Given Name
	LEE	Youn Baek	
SIGNATURE <u></u> DATE <u>July 125/2014</u>			

SEC Ref No. RZ-201308-003-1-US0 Attorney Ref No. 15524SI-000542-US

COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM

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PATENT

RECORDED: 09/29/2014

REEL: 033841 FRAME: 0231