

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Jun Haeng LEE	07/12/2011
Hyun Surk RYU	07/12/2011
Keun Joo PARK	07/12/2011
Chang Woo SHIN	07/12/2011
RECEIVING PARTY DATA	
Name:	SAMSUNG ELECTRONICS CO., LTD.
Street Address:	416, Maetan-dong, Yeongtong-gu
City:	Suwon-si, Gyeonggi-do
State/Country:	REPUBLIC OF KOREA
Postal Code:	443-742
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13184489
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Total Attachments: 2 source=NewApp_SMG1088_AssignmentExecutedFilled#page1.tif source=NewApp_SMG1088_AssignmentExecutedFilled#page2.tif	

OP \$40.00 13184489

ASSIGNMENT

For valuable consideration, we,

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Hyun Surk RYU	No. 102-2501 Dongyang Paragon 1-Cha Apt., Bansong-dong, Hwaseong-si, Gyeonggi-do 445-734 Republic of Korea
Keun Joo PARK	No. 104-103 Hansol Maeul Apt., Irwonbon-dong, Gangnam-gu, Seoul 135-942, Republic of Korea
Chang Woo SHIN	No. 315-101 Samsung Green Villa, Jigok-dong, Nam-gu, Pohang-si, Gyeongsangbuk-do 790-751, Republic of Korea

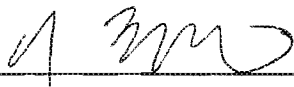
hereby assign to:

SAMSUNG ELECTRONICS CO.,LTD., a Republic of Korea
corporation/institute/institution having principal executive office(s) or place of business
at: 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-742, Republic of
Korea; and

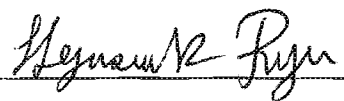
its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of U.S. Patent Application Number 13/184,489 filed July 15, 2011 at the U.S. Patent & Trademark Office signed by us, with title METHOD AND APPARATUS OF MEASURING DEPTH INFORMATION FOR 3D CAMERA, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and application serial number of said application when known; this Assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, preliminary statements and other lawful documents as the Assignee may reasonably request to effectuate fully this Assignment.

IN TESTIMONY/WITNESS WHEREOF, we, undersigned inventors (Assignors) intending to be legally bound, have hereto affixed our signatures.


This 12nd day of July, 2011


Signature: Jun Haeng LEE


This 12nd day of July, 2011


Signature: Hyun Surk RYU

This 12nd day of July, 2011


Signature: Keun Joo PARK

This 12nd day of July, 2011


Signature: Chang Woo SHIN