

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Yong-hwa Park	10/04/2011
Alexander Shirankov	10/04/2011
Jang-woo You	10/04/2011
O Rozhkov	10/04/2011

RECEIVING PARTY DATA

Name:	SAMSUNG ELECTRONICS CO., LTD.
Street Address:	416, Maetan-dong, Yeongtong-gu
Internal Address:	Gyeonggi-do
City:	Suwon-si
State/Country:	REPUBLIC OF KOREA

Name:	THE BAUMAN MOSCOW STATE TECHNICAL UNIVERSITY (MSTU)
Street Address:	2-nd Baumanskaya Street
City:	Moscow
State/Country:	RUSSIAN FEDERATION
Postal Code:	105005

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13244329

CORRESPONDENCE DATA

Fax Number: (202)293-7860
 Phone: 202-293-7060
 Email: sughrue@sughrue.com
Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.
 Correspondent Name: Sughrue Mion PLLC

CH \$40.00 13244329

501720948

PATENT
REEL: 027213 FRAME: 0356

Address Line 1:	2100 Pennsylvania Avenue
Address Line 2:	Suite 800
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20037

ATTORNEY DOCKET NUMBER:	Q125570
-------------------------	---------

NAME OF SUBMITTER:	Kathleen J. Clark
--------------------	-------------------

Total Attachments: 1 source=Q125570_Assignment#page1.tif

Assignment

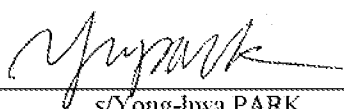
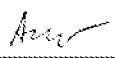
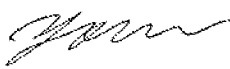

Whereas, We, Yong-hwa PARK of Yongin-si, Gyeonggi-do, Republic of Korea; Alexander SHIRANKOV of Moscow, Russia; Jang-woo YOU of Yongin-si, Gyeonggi-do, Republic of Korea; and O ROZHKOV of Moscow, Russia, respectively, hereinafter called assignors, have invented certain improvements in ILLUMINATION OPTICAL SYSTEM AND 3D IMAGE ACQUISITION APPARATUS INCLUDING THE SAME and executed an application for Letters Patent of the United States of America therefor on _____; and

Whereas, SAMSUNG ELECTRONICS CO., LTD. of 416, Maetan-dong, Yeongtong-gu,, Suwon-si, Gyeonggi-do, Republic of Korea, and THE BAUMAN MOSCOW STATE TECHNICAL UNIVERSITY (MSTU) of 2-nd Baumanskaya street, 105005 Moscow, Russian Federation, (assignees), desire to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

We, the above named assignors, hereby sell, assign and transfer to the above named assignees, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including the right to claim priority under 35 U.S.C. §119, and we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignees, its successors and assigns; and we will execute without further consideration all papers deemed necessary by the assignees in connection with the United States application when called upon to do so by the assignees.

We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number 13/244329 and Confirmation number 3281, filed September 24, 2011) the application number and filing date of said application when known.

Date:	 s/Yong-hwa PARK	October 4, 2011
Date:	 s/Alexander SHIRANKOV	October 4, 2011
Date:	 s/Jang-woo YOU	October 4, 2011
Date:	 s/O ROZHKOV	October 4, 2011

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)