

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
BYEONG HO CHOI	08/29/2014
JE WOO KIM	08/29/2014
HWA SEON SHIN	08/29/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	KOREA ELECTRONICS TECHNOLOGY INSTITUTE
<b>Street Address:</b>	68, YATAP-DONG, BUNDANG-GU
<b>City:</b>	SEONGNAM-SI, GYEONGGI-DO
<b>State/Country:</b>	KOREA, REPUBLIC OF
<b>Postal Code:</b>	463-816
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14381754
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	
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<b>ATTORNEY DOCKET NUMBER:</b>	Q214297
<b>NAME OF SUBMITTER:</b>	DARRYL M. HUNTER
<b>SIGNATURE:</b>	/Darryl M. Hunter/
<b>DATE SIGNED:</b>	12/16/2014
<b>Total Attachments: 1</b>	
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### Assignment

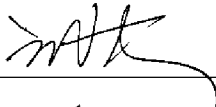
Whereas, We, Byeong Ho CHOI, Je Woo KIM, and Hwa Seon SHIN of Gyeonggi-do, Republic of Korea, respectively, hereinafter called assignors, have invented certain improvements in INPUT/OUTPUT SYSTEM FOR EDITING AND PLAYING ULTRA-HIGH DEFINITION IMAGE and executed an application for Letters Patent of the United States of America therefor; and

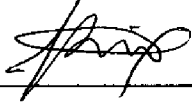
Whereas, KOREA ELECTRONICS TECHNOLOGY INSTITUTE of 68 Yatap-dong, Bundang-gu, Seongnam-si, Gyeonggi-do 463-816, Republic of Korea (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;


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

We, the above named assignors, hereby sell, assign and transfer to the above named assignee, 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, and all countries foreign thereto, including rights of priority under the International Convention of Paris (1883) as amended, including the right to claim priority under 35 U.S.C. §119 and the right to sue for past damages, 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 assignee, its successors and assigns; and we hereby agree that the assignee may apply for foreign Letters Patent on the invention and we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee.

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 14/381,754 and Confirmation number 8513, filed August 28, 2014) the application number, confirmation number and filing date of said application when known.

Date: 29. Aug. 2014   
 \_\_\_\_\_  
 s/Byeong Ho CHOI

Date: 29. Aug. 2014   
 \_\_\_\_\_  
 s/Je Woo KIM

Date: 29. Aug., 2014   
 \_\_\_\_\_  
 s/Hwa Seon SHIN

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