

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Jae-yong CHO</td> <td>03/12/2012</td> </tr> <tr> <td>Hae-kwang PARK</td> <td>03/12/2012</td> </tr> </tbody> </table>		Name	Execution Date	Jae-yong CHO	03/12/2012	Hae-kwang PARK	03/12/2012				
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CORRESPONDENCE DATA											
<p>Fax Number: (202)293-7860 Phone: 202-293-7060 Email: SUGHRUE@SUGHRUE.COM <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: SUGHRUE MION, PLLC Address Line 1: 2100 PENNSYLVANIA AVENUE, N.W. Address Line 2: SUITE 800 Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20037</p>											
ATTORNEY DOCKET NUMBER:	Q128722										
NAME OF SUBMITTER:	Jeffrey Heller - Teams Department										
Total Attachments: 1 source=Assignment_Executed#page1.tif											

OP \$40.00 13420195

Assignment

Whereas, we, Jae-yong CHO of Bucheon-si, Republic of Korea and Hae-kwang PARK, of Suwon-si, Republic of Korea, hereinafter called assignors, have invented certain improvements in METHOD AND APPARATUS FOR OUTPUTTING AUDIO SIGNAL and executed an application for Letters Patent of the United States of America therefor on _____; and

Whereas, SAMSUNG ELECTRONICS CO., LTD., 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, 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, 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 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 _____ and Confirmation number _____, filed _____) the application number, the confirmation number and filing date of said application when known.

Date: 12 MAR 12 Jaeyong Cho.
Jae-yong CHO

Date: 12 MAR 12 Hae-kwang Park
Hae-kwang PARK