

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

| 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>Se-mi JANG</td> <td>01/30/2012</td> </tr> <tr> <td>Joo-bok KIM</td> <td>01/30/2012</td> </tr> </tbody> </table> | | Name | Execution Date | Se-mi JANG | 01/30/2012 | Joo-bok KIM | 01/30/2012 | | |
| Name | Execution Date | | | | | | | | |
| Se-mi JANG | 01/30/2012 | | | | | | | | |
| Joo-bok KIM | 01/30/2012 | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | |
| <table border="1"> <tr> <td>Name:</td> <td>Samsung Techwin Co., Ltd.</td> </tr> <tr> <td>Street Address:</td> <td>28 Sungju-dong, Kyongsangnam-do</td> </tr> <tr> <td>City:</td> <td>Changwon-city</td> </tr> <tr> <td>State/Country:</td> <td>REPUBLIC OF KOREA</td> </tr> </table> | | Name: | Samsung Techwin Co., Ltd. | Street Address: | 28 Sungju-dong, Kyongsangnam-do | City: | Changwon-city | State/Country: | REPUBLIC OF KOREA |
| Name: | Samsung Techwin Co., Ltd. | | | | | | | | |
| Street Address: | 28 Sungju-dong, Kyongsangnam-do | | | | | | | | |
| City: | Changwon-city | | | | | | | | |
| State/Country: | REPUBLIC OF KOREA | | | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>29412563</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 29412563 | | | | |
| Property Type | Number | | | | | | | | |
| Application Number: | 29412563 | | | | | | | | |
| 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: | Q128852 | | | | | | | | |
| NAME OF SUBMITTER: | Jeffrey Heller - Teams Department | | | | | | | | |
| Total Attachments: 1 source=Assignment_Executed#page1.tif | | | | | | | | | |

OP \$40.00 29412563

Assignment

Whereas, we, Se-Mi JANG of Changwon-city, Republic of Korea and Joo-bok KIM of Changwon-city, Republic of Korea, hereinafter called assignors, have invented certain improvements in A VIDEO RECORDER and executed an application for Letters Patent of the United States of America therefor on _____; and


Whereas, SAMSUNG TECHWIN CO., LTD. of 28 Sungju-dong, Changwon-city, Kyongsangnam-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 assignor, 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.

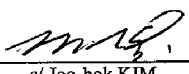
We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number _____ and Confirmation number _____, filed _____) the application number, confirmation number and filing date of said application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

Date: 30 January 2012


s/ Se-mi JANG

Date:

30 January 2012


s/ Joo-bok KIM

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