PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

| Name | Execution Date |
|----------------|----------------|
| Kwang-hyun KOH | 01/12/2007 |

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 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 11655920 |

CORRESPONDENCE DATA

Fax Number: (202)293-7860

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 202-293-7060

Email: MABRAMS@SUGHRUE.COM
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

ATTORNEY DOCKET NUMBER: Q98902

NAME OF SUBMITTER:

Michael S. Abrams - Patent Specialist

Total Attachments: 1

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PATENT REEL: 026510 FRAME: 0837 OF \$40.00 11655920

Docket No. Q98962 For Non-U.S. Clients

Assignment

Whereas, I, Kwang-hyun KOH of Scoul, Republic of Korca, hereinafter called assignor, have invented certain improvements in METHOD AND APPARATUS FOR UPGRADING SOFTWARE OF DIGITAL BROADCASTING RECEIVER and executed an application for Letters Patent of the United States of America therefor on 12 January 2007; and

Whereas, SAMSUNG ELECTRONICS CO., LTD., 416 Mactan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea (assignce), 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,

I, 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 the right to claim priority under 35 U.S.C. §119, and I 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 I will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

| | | nest our attorneys SUGHRUE MION, ington, DC 20037-3213 to insert here | |
|---------------------|---------------|--|-----------------------|
| (Application number | | and Confirmation number | filed |
| |) the applica | tion number and filing date of said ar | plication when known. |
| Date: | 12 January 2 | 2007 KOH | |
| | s/Kwang-hyun | KOH | |

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

PATENT

REEL: 026510 FRAME: 0838