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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents the new address(es) below.

1. Name of conveying party(ies):

Sang-min HAN
Yong-hwan Kim
Mi-hyun SON
Seong-soo LEE

2. Name and address of receiving party(ies):

SAMSUNG ELECTRONICS CO., LTD.
416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of KoreaAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s): November 23, 2006

- ☒ Assignment ☐ Merger
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☐ Joint Research Agreement
☐ Government Interest Assignment
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☐ Other

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

☒ This document is being filed together with a new applicationA. Patent Application No.(s)
Not Yet DeterminedB. Patent No.(s)
Not Yet DeterminedAdditional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

SUGHRUE MION, PLLC
WASHINGTON OFFICE
23373
CUSTOMER NUMBER

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41): \$40.00

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November 30, 2006
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PATENT

REEL: 018657 FRAME: 0709

Assignment

Whereas, I/We, Sang-min HAN; Seong-soo LEE; Young-hwan KIM; Mi-hyun SON of Yongin-si, Republic of Korea, Yongin-si, Republic of Korea, Yongin-si, Republic of Korea, Yongin-si, Republic of Korea, respectively, hereinafter called assignor(s), have invented certain improvements in COMMUNICATION TERMINAL FOR CHANGING CHANNEL AND CHANNEL CHANGING METHOD THEREOF 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 (hereinafter called 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 the right to claim priority under 35 U.S.C. §119, and I/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 I/we 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.

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 and filing date of said application when known.

Date: _____ Nov. 23, 2006
s/ Sang-min, HAN

Date: _____ Nov. 23, 2006
s/ Young-hwan, KIM

Date: _____ Nov. 23, 2006
s/ Min-hyun, SON

Date: _____
s/ Seong-soo, LEE

Date: _____
s/

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

Assignment

Whereas, I/We, Sang-min HAN; Seong-soo LEE; Young-hwan KIM; Mi-hyun SON of Yongin-si, Republic of Korea, Yongin-si, Republic of Korea, Yongin-si, Republic of Korea, Yongin-si, Republic of Korea, respectively, hereinafter called assignor(s), have invented certain improvements in COMMUNICATION TERMINAL FOR CHANGING CHANNEL AND CHANNEL CHANGING METHOD THEREOF 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 (hereinafter called 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 the right to claim priority under 35 U.S.C. §119, and I/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 I/we 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.

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Date:

s/ Sang-min, HAN

Date:

s/ Young-hwan, KIM

Date:

s/ Min-hyun, SON

Date:

s/ Seong-soo, LEE

Nov. 23, 2006

Date:

s/

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