

12-20-2004

Q62074

MODIFIED Form PTO-1595

RI

(Rev. 10/02)

12.14.04

U.S. DEPARTMENT OF
COMMERCE

U.S. Patent and Trademark Office

102907292

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Mun-churl KIM
Jin-woong KIM
Banglore S. MANJUNATH
Yong-man RO
Hyun-doo SHIN
Yang-lim CHOI

Additional name(s) of conveying party(ies) attached? ☐ Yes
☒ No

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

SAMSUNG ELECTRONICS CO., LTD.
416 Maetan-dong, Paldal-gu, Suwon-city, Kyungki-do, Republic of Korea

ELECTRONICS AND TELECOMMUNICATIONS RESEARCH
INSTITUTE

161 Kajong-dong, Yusong-ku, Taejeon, Republic of Korea

CURITEL COMMUNICATIONS, INC.

San 136-1, Ami-ri, Bubal-eup, Ichon-si, Kyoungki-do, 467-701, Republic of Korea

HEINRICH-HERTZ-INSTITUT FUR NACHRICHTENTECHNIK
BERLIN GESELLSCHAFT MIT BESCHRANKTER HAFTUNG
Einsteinufer 37, D-10587 Berlin, Germany

THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
1111 Franklin Street, 12th Floor, Oakland, CA 94607-5200

INFORMATION AND COMMUNICATIONS UNIVERSITY
EDUCATIONAL FOUNDATION
10F, Seoul Central Post Office Bldg., 21, 1 Ga, Chungmuro, Jung-Ku,
Seoul, 100-709 Korea

Additional name(s) & address(es) attached? ☐ Yes

☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name

Execution Date: April 28, 2002, March 27, 2003, and December
2 and 9, 2004

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

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)
09/727,764

B. Patent No.(s)

Additional 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 3.41): \$40.00

☒ Enclosed.☐ Authorized to be charged to Deposit Account No. 19-4880.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

8. Deposit Account Number:

19-4880

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Cameron W. Beddard

Reg. No. 46,545

December 14, 2004

Date

Total number of pages including cover sheet, attachments, and documents: 2

Mail documents to be recorded with required cover sheet information to:

MAIL STOP ASSIGNMENT RECORDATION SERVICES

Director of the U.S. Patent and Trademark Office

P.O. Box 1450

Alexandria, VA 22313-1450

12/20/2004 GTON11 00000072 09737764

01 F:8021

40.00 DP

PATENT
REEL: 016074 FRAME: 0781

Assignment

Whereas, I/We, Mun-churl KIM, Jin-woong KIM, Yong-man RO, Hyun-doo SHIN, Yang-lim CHOI of 110-405 Doongji Apt., Dunsan-dong, Seo-gu, Taejon, Republic of Korea; 305-1603 Expo Apt., Jeonmin-dong, Yusong-gu, Taejon, Republic of Korea; 105-1503 Hanwool Apt., Sinseong-dong, Yusong-gu, Taejon, Republic of Korea; 510-1302 Mujigae Maeul Cheonggu Apt., 221 Kumi-dong, Bundang-gu, Seongnam-city, Kyongki-do, Republic of Korea; 102-1112 Wooman Sunkyung Apt., 105 Wooman-dong, Paldal-gu, Suwon-city, Kyongki-do, Republic of Korea; respectively, hereinafter called assignor(s), have invented certain improvements in TEXTURE DESCRIPTION METHOD AND TEXTURE-BASED IMAGE RETRIEVAL METHOD USING GABOR FILTER IN FREQUENCY DOMAIN and executed an application for Letters Patent of the United States of America therefor on March 9, 8, April 28, March 10, 10 and 10, 2001; and

Whereas Assignees, as listed below, desire to acquire a certain percentage of the right, title, and interest in the application, and to any United States patents to be obtained therefor;

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

I/We, the above named assignor(s), hereby sell, assign and transfer to the below named assignees, their successors and assigns, the designated 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 - U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignees, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignees in connection with the United States application when called upon to do so by the assignees.

The Assignees and the percentage interest assigned thereto are as follows:

1. Samsung Electronics Co., Ltd.
416 Maetan-dong, Paldal-gu, Suwon-city, Kyungki-do, Republic of Korea
Percentage Interest - 25 %
2. Electronics and Telecommunications Research Institute
161 Kajong-dong, Yusong-ku, Taejeon, Republic of Korea
Percentage Interest - 15 %
3. Curitel Communications, Inc.
San 136-1, Ami-ri, Bubal-eup, Ichon-si, Kyongki-do, 467-701, Republic of Korea
Percentage Interest - 15 %
4. Heinrich-hertz-institut Fur Nachrichtentechnik Berlin Gesellschaft Mit
Beschränkter Haftung Einsteinufer 37, D-10587 Berlin, Germany
Percentage Interest - 15 %
5. The Regents of the University of California
1111 Franklin Street, Twelfth Floor, Oakland, CA 94607-5200
Percentage Interest - 15 %

6. Information and Communications University Educational Foundation
10F, Seoul Central Post Office Bldg., 21, 1 Ga, Chungmu-ro, Jung-Ku, Seoul, 100-709 Korea

Percentage Interest - 15%

I/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 09/727,764 and Confirmation number 5478, filed December 4, 2000) the filing date and application number of said application when known.

Date:

s/Mun-churl KIM

Date:

Dec. 2, 2004

s/Tin-woong KIM

Date:

s/Yong-man RO

Date:

s/Hyun-doo SHIN

Date:

s/Yang-lim CHOI

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

6. Information and Communications University Educational Foundation

10F, Seoul Central Post Office Bldg., 21, 1 Ga, Chungmuro, Jung-Ku, Seoul, 100-709 Korea

Percentage Interest - 15%

I/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 09/727,764 and Confirmation number 5478, filed December 4, 2000) the filing date and application number of said application when known.

Date: 9 December 2004


s/Min-chul KIM

Date:

s/Jin-woong KIM

Date: 9 December 2004


s/Yong-an RO

Date:

s/Hyun-doo SHIN

Date:

s/Yang-jin CHOI

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

Assignment

Whereas, I/We, Mun-churl KIM, Jin-woong KIM, Yong-man RO, Hyun-doo SHIN, Yang-lim CHOI of 110-405 Doongji Apt., Dunsan-dong, Seo-gu, Taejon, Republic of Korea; 305-1603 Expo Apt., Jeonmin-dong, Yusong-gu, Taejon, Republic of Korea; 105-1503 Hanwool Apt., Sinseong-dong, Yusong-gu, Taejon, Republic of Korea; 510-1302 Mujigae Maeul Cheonggu Apt., 221 Kumi-dong, Bundang-gu, Seongnam-city, Kyoungki-do, Republic of Korea; 102-1112 Wooman Sunkyung Apt., 105 Wooman-dong, Paldal-gu, Suwon-city, Kyoungki-do, Republic of Korea; respectively, hereinafter called assignor(s), have invented certain improvements in TEXTURE DESCRIPTION METHOD AND TEXTURE-BASED IMAGE RETRIEVAL METHOD USING GABOR FILTER IN FREQUENCY DOMAIN and executed an application for Letters Patent of the United States of America therefor on March 9, 8, April 28, March 10, 10 and 10, 2001; and

Whereas Assignees, as listed below, desire to acquire a certain percentage of the right, title, and interest in the application, and to any United States patents to be obtained therefor;

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

I/We, the above named assignor(s), hereby sell, assign and transfer to the below named assignees, their successors and assigns, the designated 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 – U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignees, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignees in connection with the United States application when called upon to do so by the assignees.

The Assignees and the percentage interest assigned thereto are as follows:

1. Samsung Electronics Co., Ltd.
416 Maetan-dong, Paldal-gu, Suwon-city, Kyungki-do, Republic of Korea
Percentage Interest - 25%
2. Electronics and Telecommunications Research Institute
161 Kajong-dong, Yusong-ku, Taejeon, Republic of Korea
Percentage Interest - 15%
3. Curitel Communications, Inc.
San 136-1, Ami-ri, Bubal-eup, Ichon-si, Kyoungki-do, 467-701, Republic of Korea
Percentage Interest - 15%
4. Heinrich-hertz-institut Fur Nachrichtentechnik Berlin Gesellschaft Mit Beschränkter Haftung
Einsteinufer 37, D-10587 Berlin, Germany
Percentage Interest - 15%
5. The Regents of the University of California
1111 Franklin Street, Twelfth Floor, Oakland, CA 94607-5200
Percentage Interest - 15%

6. Information and Communications University Educational Foundation
10F, Seoul Central Post Office Bldg., 21, 1 Ga, Chungmuro, Jung-Ku, Seoul, 100-709 Korea

Percentage Interest - 15%

I/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 09/727,764 and Confirmation number 5478, filed December 4, 2000) the filing date and application number of said application when known.

Date:

s/Mun-churl KIM

Date:

s/Jin-woong KIM

Date:

s/Yong-man RO

Date: 27 March 2003

Shin Hyun Doo

s/Hyun-doo SHIN

Date: 27 March 2003

Choi

s/Yang-lim CHOI

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

Assignment

Whereas, I, Bangalore S. Manjunath, 1071 N. Patterson Avenue, Santa Barbara, CA 93111 (hereinafter "assignor") along with Mun-churl KIM, Jin-woong KIM, Yong-man RO, Hyun-doo SHIN, Yang-lim CHOI, have invented certain improvements in TEXTURE DESCRIPTION METHOD AND TEXTURE-BASED IMAGE RETRIEVAL METHOD USING GABOR FILTER IN FREQUENCY DOMAIN and executed an application for Letters Patent of the United States of America therefor on March 9, 8, April 28, March 10, 10 and 10, 2001; and

Whereas Assignees, as listed below, desire to acquire a certain percentage of the right, title, and interest in the application, 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 sells, assigns and transfers to the below named assignees, their successors and assigns, the designated 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 requests the Director – U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignees, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignees in connection with the United States application when called upon to do so by the assignees.


The Assignees and the percentage interest assigned thereto are as follows:

1. Samsung Electronics Co., Ltd.
416 Maetan-dong, Paldal-gu, Suwon-city, Kyungki-do, Republic of Korea
Percentage Interest - 25%
2. Electronics and Telecommunications Research Institute
161 Kajong-dong, Yusong-ku, Taejeon, Republic of Korea
Percentage Interest - 15%
3. Curitel Communications, Inc.
San 136-1, Ami-ri, Bubal-eup, Ichon-si, Kyoungki-do, 467-701, Republic of Korea
Percentage Interest - 15%
4. Heinrich-hertz-institut Fur Nachrichtentechnik Berlin Gesellschaft Mit Beschränkter Haftung
Einsteinufer 37, D-10587 Berlin, Germany
Percentage Interest - 15%
5. The Regents of the University of California
1111 Franklin Street, Twelfth Floor, Oakland, CA 94607-5200
Percentage Interest - 15%

6. Information and Communications University Educational Foundation
10F, Seoul Central Post Office Bldg., 21, 1 Ga, Chungmuro, Jung-Ku, Seoul, 100-709 Korea

Percentage Interest - 15%

I 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 09/727,764 and Confirmation number 5478, filed December 4, 2000) the filing date and application number of said application when known.

Date: 28-Apr-02 
s/Bangalore S. Manjunath

Date: _____
s/

Date: _____
s/

Date: _____
s/

Date: _____
s/

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