

Q95338

MODIFIED Form PTO-1595
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1. Name of conveying party(ies):

Sang-Min HAN
Seong-soo LEE
Young-hwan KIM
Alexander S. DMITRIYEVAdditional name(s) of conveying party(ies) attached? Yes No

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

SAMSUNG ELECTRONICS CO., LTD.
416, Maetan-dong,
Yeongtong-gu, Suwon-si,
Gyeonggi-do, Republic of KoreaInstitute of Radio Engineering and Electronics of RAS
11-7, St. Mokhovaya,
101999, Moscow, Russia

3. Nature of conveyance:

- Assignment Merger
 Security Agreement Change of Name
 Other Correct name of fourth assignor and correct name of second assignee on Assignment previously recorded at Reel 018328, Frame 0104 Document No. 103312165A

Execution Date: September 5, 2006

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

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)
11/523,534B. Patent No.(s)
UnknownAdditional numbers attached? Yes No

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

SUGHRUE MION, PLLC

WASHINGTON OFFICE

23373

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1

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09-26-2006

Q95338

MODIFIED Form PTO-159
(Rev. 10/02)



SHEET

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

9/20/06
Title Director of the U.S. Pa.

103312165

Attached original documents or copy thereof:

1. Name of conveying party(ies):
Sang-min HAN; Seong-soo LEE; Young-hwan KIM,
Alexander S. DMITREIV

2. Name and address of receiving party(ies):
SAMSUNG ELECTRONICS CO., LTD.
416, Maetan-dong,
Yeongtong-gu, Suwon-si,
Gyeonggi do, Republic of Korea

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

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other

INSTITUTE OF RADIO ENGINEERING AND ELECTRONICS
OF RAS
11-7, St. Mokhovaya,
101999, Moscow, Russia

Execution Date: September 5, 2006

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

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: September 5, 2006

A. Patent Application No.(s)
Unknown

B. Patent No.(s)
Unknown

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SUGHRUE MION, PLLC

WASHINGTON OFFICE

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Darryl Mexic

Reg. No. 23,063

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09/25/2006 DRYKNE 00000095 11513534

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40.00 DP

Docket No. Q95338
For Non-U.S. Clients

Assignment

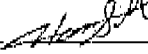

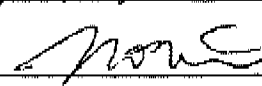

Whereas, We, Sang-Min HAN; Seong-soo LEE; Young-hwan KIM; and Alexander S. DMITRIEV of Ilwasong-si, Republic of Korea; Suwon-si, Republic of Korea; Hwaseong-si, Republic of Korea; and Moscow, Russia, respectively, hereinafter called assignors, have invented certain improvements in SIGNAL GENERATOR, SIGNAL GENERATION METHOD, AND RF COMMUNICATION SYSTEM USING THE SAME 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 and Institute of Radio Engineering and Electronics of RAS, 11-7, St. Mokhovaya, 101999, Moscow, Russia (assignees), desire 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 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 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:		Sep. 5. 2006
	s/Sang-Min HAN	
Date:		Sep. 5. 2006
	s/Seong-soo LEE	
Date:		Sep. 5. 2006
	s/Young-hwan KIM	
Date:		Sep. 5. 2006
	s/Alexander S. DMITRIEV	

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


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APPL NO	FILING OR 371 (C) DATE	ART UNIT	FIL FEE REC'D	ATTY DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
11/523,534	09/20/2006	2131	1400	Q95338	13	28	3

CONFIRMATION NO. 6195
FILING RECEIPT


OC000000020763516

 ✓ 23373
 SUGHRUE MION, PLLC
 2100 PENNSYLVANIA AVENUE, N.W.
 SUITE 800
 WASHINGTON, DC 20037

Date Mailed: 10/10/2006

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

 Sang-Min Han, Hwaseong-si, KOREA, REPUBLIC OF;
 Seong-soo Lee, Suwon-si, KOREA, REPUBLIC OF;
 Young-hwan Kim, Hwaseong-si, KOREA, REPUBLIC OF;
 Alexander S. Dmitriev, Moscow, RUSSIAN FEDERATION;

Assignment For Published Patent Application

 SAMSUNG ELECTRONICS CO., LTD;
 INSTITUTE OF RADIO ENGINEERING AND ELECTRONICS OF RAS ;

Power of Attorney: The patent practitioners associated with Customer Number 23373.

Domestic Priority data as claimed by applicant
Foreign Applications

 REPUBLIC OF KOREA 10-2006-0035448 04/19/2006
 If Required, Foreign Filing License Granted: 10/10/2006

 The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US11/523,534**
Projected Publication Date: 10/25/2007

Non-Publication Request: No

PATENT
REEL: 018643 FRAME: 0303

Early Publication Request: No

Title

Signal generator, signal generation method, and RF communication system using the same

Preliminary Class

380

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Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

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For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

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DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

SEPTEMBER 29, 2006

PTAS



103312165A

SUGHRUE MTON, PLLC
2100 PENNSYLVANIA AVENUE, N.W.
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WASHINGTON, DC 20037

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RECORDATION DATE: 09/20/2006

REEL/FRAME: 018628/0104
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

HAN, SANG-MIN

DOC DATE: 09/05/2006

ASSIGNOR:

LEE, SEONG-SOO

DOC DATE: 09/05/2006

ASSIGNOR:

KIM, YOUNG-HWAN

DOC DATE: 09/05/2006

ASSIGNOR:

dmitriev
~~DMITREIV~~, ALEXANDER S.

DOC DATE: 09/05/2006

ASSIGNEE:

SAMSUNG ELECTRONICS CO., LTD.
416, MAETAN-DONG
YEONGTONG-GU, SUWON-SI
GYEONGGI-DO, REPUBLIC OF KOREA

PATENTP.O. Box 1450, Alexandria, Virginia 22313-1450 - www.uspto.gov **REEL: 018643 FRAME: 0305**

018328/0104 PAGE 2

ASSIGNEE:

INSTITUTE OF RADIO ENGINEERING AND
~~STECOM OF RAS~~ Electronics
11-7, ST. MOKHOVAYA
101999, MOSCOW, RUSSIAN FEDERATION

SERIAL NUMBER: 11523534 /

FILING DATE: 9/20/2006

PATENT NUMBER:

ISSUE DATE:

TITLE:

signal generator, signal generation
method, and RF communication system
using the same

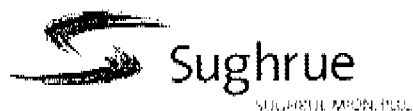
JEEVON JONES, EXAMINER
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**FAX**

Date December 13, 2006

To Assignment Division

Of USPTO

Fax 571-273-0140

From SUGHRUE MION, PLLC-ajg

Subject Request for Corrected Notice of Recordation of Assignment

Our Ref Q95338 Appln No 11/523,534

Conf No 6195 Inventors Sang-min HAN, et al.

Pages 8 (including cover sheet)

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4. Copy of Executed Assignment
5. New PTO form 1595
6. Copy of Official Filing Receipt

CERTIFICATION OF FACSIMILE TRANSMISSION

Sir:

I hereby certify that the above identified correspondence is being facsimile transmitted to the Assignment Division at the Patent and Trademark Office on December 13, 2006 at 571-273-0140.

Respectfully submitted

Ashley Gates