502958608 09/02/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3005206

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SEOKTAE KIM	08/20/2014
HYUNMI PARK	08/19/2014
HYEYEON SON	08/12/2014

RECEIVING PARTY DATA

Name:	SAMSUNG ELECTRONICS CO., LTD.
Street Address:	129, SAMSUNG-RO, YEONGTONG-GU
City:	SUWON-SI, GYEONGGI-DO
State/Country:	KOREA, REPUBLIC OF

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14474707

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 202-293-0804

Email: usdocketing@jeffersonip.com
Correspondent Name: JEFFERSON IP LAW, LLP

Address Line 1: 1130 CONNECTICUT AVE., NW, SUITE 420

Address Line 4: WASHINGTON, D.C. 20036

ATTORNEY DOCKET NUMBER:	0203-1416
NAME OF SUBMITTER:	MAENG-HO SHIN
SIGNATURE:	/Maeng-Ho SHIN/
DATE SIGNED:	09/02/2014

Total Attachments: 10

source=0203-1416AssignmentAsFiled09-02-2014#page1.tif

source=0203-1416AssignmentAsFiled09-02-2014#page2.tif

source = 0203-1416 Assignment As Filed 09-02-2014 # page 3.t if

source=0203-1416AssignmentAsFiled09-02-2014#page4.tif

source=0203-1416AssignmentAsFiled09-02-2014#page5.tif

source=0203-1416AssignmentAsFiled09-02-2014#page6.tif

PATENT
REEL: 033650 FRAME: 0663

source=0203-1416AssignmentAsFiled09-02-2014#page7.tif source=0203-1416AssignmentAsFiled09-02-2014#page8.tif source=0203-1416AssignmentAsFiled09-02-2014#page9.tif source=0203-1416AssignmentAsFiled09-02-2014#page10.tif

> PATENT REEL: 033650 FRAME: 0664

Form **PTO-1595** (Rev. 07/05) OMB No. 0651-0027 (exp. 6/30/2008)

RECORDATION FORM COVER SHEET		
PATENTS ONLY		
To the Director of the U.S. Patent and Trademark Office: Pleas	se record the attached documents or the new address(es) below.	
1. Name of conveying party(ies)	2. Name and address of receiving party(ies)	
1) Seoktae KIM, 2) Hyunmi PARK , and 3) Hyeyeon SON	Name: Samsung Electronics Co., Ltd.	
!	Internal Address:	
No. 1 111 1 (a) of conveying party(ion) attached? Ves V No.		
Additional name(s) of conveying party(ies) attached? Yes No 3. Nature of conveyance/Execution Date(s):	Street Address: _129, Samsung-ro, Yeongtong-gu	
Execution Date(s) <u>08/12/2014; 08/19/2014; 08/20/2014</u>	Ottoot/ (daroos	
✓ Assignment Merger		
Security Agreement Change of Name	City: Suwon-si, Gyeonggi-do	
Joint Research Agreement	State:	
Government Interest Assignment		
Executive Order 9424, Confirmatory License	Country: Republic of Korea Zip:	
Other	Additional name(s) & address(es) attached? Yes Vo	
Additional numbers att	tached? Yes V No	
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: One	
Name: Jefferson IP Law, LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$	
Internal Address: Maeng-Ho Shin	Authorized to be charged by credit card	
	Authorized to be charged to deposit account	
Street Address: 1130 Connecticut Ave., NW, Suite 420	Enclosed	
	None required (government interest not affecting title)	
City: Washington	8. Payment Information	
State: DC Zip:20036	a. Credit Card Last 4 Numbers	
Phone Number: 202-293-0804	Expiration Date	
Fax Number: 202-403-3587	b. Deposit Account Number	
	Authorized User Name	
Email Address: usdocketing@jeffersonip.com		
9. Signature: /Maeng-Ho SHIN/ Reg. No.		
Signature	Date Total number of pages including cover	
Maeng-Ho_Shin Name of Person Signing	Total number of pages including cover sheet, attachments, and documents:	

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

REEL: 033650 FRAME: 0665

CLIENT REF.: YPF201402-0025/US_DMC SAMSUNG REF.: GM-201308-305-1-US0

Assignment

WHEREAS, the following inventors, namely 1) Scoktae KIM, 2) Hyunmi PARK, and 3) Hyeyeon SON, all, citizens of the Republic of Korea (hereinafter called "Assignors"), having made or discovered certain new, useful and non-obvious improvements in an invention having a working title of:

METHOD AND APPARATUS FOR PROVIDING USER WITH INFORMATION RECEIVED BY ELECTRONIC DEVICE,

for which a United States Patent Application is being filed concurrently herewith or, if not being concurrently filed, was filed on <u>September 2, 2014</u>, and assigned Serial No. <u>14/474,707</u>; and,

WHEREAS, Samsung Electronics Co., Ltd., a corporation duly organized under the laws of the Republic of Korea, located and doing business at 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea, 443-742 (hereinafter called "Assignee"), is desirous of acquiring the entire right, title and interest therein;

NOW, THEREFORE, BE IT KNOWN that for and in good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignors do hereby sell, assign and transfer unto said Assignee the entire and exclusive worldwide right, title and interest in and to all said inventions and discoveries disclosed in said application, and in and to said application, any and all substitutions, divisions, provisionals, conversions of provisionals and continuations thereof, and in and to all Letters Patent, United States and foreign, that may be granted for said inventions and discoveries, and in and to all extensions, renewals and reissues thereof; and the right to file any foreign application and/or claim priority under the provisions of any international treaty or convention arising from this application or any divisional, continuing, substitute or reissue application therefrom. The aforesaid assignment includes the right in and to all income, royalties, damages and payments, now or hereafter due or payable with respect to any Letters Patent which may be granted, and in and to all causes of action (either in law or in equity), and the right to sue, counterclaim, and recover for past, present and future infringement of the rights assigned or to be assigned under this Assignment, as fully and entirely as the same would have been held and enjoyed by Assignors if this sale, assignment and transfer had not been made.

Assignors covenant and agree, without further compensation to said Assignors but at Assignee's expense:

a. to execute:

 all papers to be used in connection with this application and any divisional, continuing, substitute or reissue application thereof, as the Assignce may deem necessary or expedient, and

CLIENT REF.: **YPF201402-0025/US_DMC** SAMSUNG REF.: **GM-201308-305-1-US0**

- ii. all papers in connection with any interference, litigation, mediation, arbitration or other proceeding relating to this application or any divisional, continuing, substitute or reissue application thereof, as may be necessary or expedient;
- to cooperate with the Assignee in every way possible in obtaining evidence and going forward in any interference, litigation, mediation, arbitration or other proceeding relating to said invention, said application and any divisional, continuing, substitute or reissue application thereof;
- to communicate to the Assignee any facts relating to said invention, said application
 and any divisional, continuing, substitute or reissue application thereof, including
 evidence for any interference, litigation, mediation, arbitration or other proceeding
 relating to said invention, whenever requested;
- to testify in any interference, litigation, mediation, arbitration or other proceeding relating to said invention, said application and any divisional, continuing, substitute or reissue application thereof whenever requested; and
- e. to perform all other affirmative acts which may be necessary or desirable to secure full and complete protection of the inventions and discoveries or that may be necessary or desirable to vest in Assignee the complete title to the inventions and discoveries and Letters Patent hereby conveyed and to enable Assignee to record title.

Assignors hereby authorize and request the United States Patent and Trademark Office or any other issuing authority to issue any and all Letters Patent that may be granted upon this invention and/or this application or any divisional, continuing, substitute or reissue application thereof to the Assignee, its legal representatives, successors and assigns.

Assignors each hereby represents, covenants and warrants that he or she has the full right to convey the entire right, title and interest by this instrument, free of any encumbrances and that no other agreement has been or will be executed in conflict herewith.

The provisions of this Assignment are binding upon Assignors' heirs, legal representatives and/or administrators and assigns.

Assignors hereby grant to the law firm of Jefferson IP Law, LLP of Washington, DC and its attorneys and agents as associated with Customer No. 68103 the authority and power to insert on this instrument any further identification which may be necessary or desirable for purposes of recordation in the United States Patent and Trademark Office or a Patent Office of any foreign country.

Signature of Inventor:	Spokene Kin		18/20/2014
	Seoktae KIM	*	Date
Signature of Inventor:			
	Hyunmi PARK		Date
		A L	(機) アンプログラ
Signature of Inventor:			
	Hyeveon SON		Date

CLIENT REF.: YPF201402-0025/US_DMC SAMSUNG REF.: GM-201308-305-1-US0

CLIENT REF.; YPF201402-0025/US_DMC SAMSUNG REF.: GM-201308-305-1-US0

Assignment

WHEREAS, the following inventors, namely 1) Scoktae KIM, 2) Hyunmi PARK, and 3) Hyeyeon SON, all, citizens of the Republic of Korea (hereinafter called "Assignors"), having made or discovered certain new, useful and non-obvious improvements in an invention having a working title of:

METHOD AND APPARATUS FOR PROVIDING USER WITH INFORMATION RECEIVED BY ELECTRONIC DEVICE.

for which a United States Patent Application is being filed concurrently herewith or, if not being concurrently filed, was filed on <u>September 2, 2014</u>, and assigned Serial No. <u>14/474,707</u>; and,

WHEREAS, Samsung Electronics Co., Ltd., a corporation duly organized under the laws of the Republic of Korea, located and doing business at 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea, 443-742 (hereinafter called "Assignee"), is desirous of acquiring the entire right, title and interest therein;

NOW, THEREFORE, BE IT KNOWN that for and in good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignors do hereby sell, assign and transfer unto said Assignee the entire and exclusive worldwide right, title and interest in and to all said inventions and discoveries disclosed in said application, and in and to said application, any and all substitutions, divisions, provisionals, conversions of provisionals and continuations thereof, and in and to all Letters Patent, United States and foreign, that may be granted for said inventions and discoveries, and in and to all extensions, renewals and reissues thereof; and the right to file any foreign application and/or claim priority under the provisions of any international treaty or convention arising from this application or any divisional, continuing, substitute or reissue application therefrom. The aforesaid assignment includes the right in and to all income, royalties, damages and payments, now or hereafter due or payable with respect to any Letters Patent which may be granted, and in and to all causes of action (either in law or in equity), and the right to sue, counterclaim, and recover for past, present and future infringement of the rights assigned or to be assigned under this Assignment, as fully and entirely as the same would have been held and enjoyed by Assignors if this sale, assignment and transfer had not been made.

Assignors covenant and agree, without further compensation to said Assignors but at Assignee's expense:

- a. to execute:
 - all papers to be used in connection with this application and any divisional, continuing, substitute or reissue application thereof, as the Assignce may deem necessary or expedient, and

CLIENT REF.: YPF201402-0025/US_DMC SAMSUNG REF.: GM-201308-305-1-US0

- ii. all papers in connection with any interference, litigation, mediation, arbitration or other proceeding relating to this application or any divisional, continuing, substitute or reissue application thereof, as may be necessary or expedient;
- to cooperate with the Assignee in every way possible in obtaining evidence and going forward in any interference, litigation, mediation, arbitration or other proceeding relating to said invention, said application and any divisional, continuing, substitute or reissue application thereof;
- c. to communicate to the Assignee any facts relating to said invention, said application and any divisional, continuing, substitute or reissue application thereof, including evidence for any interference, litigation, mediation, arbitration or other proceeding relating to said invention, whenever requested;
- to testify in any interference, litigation, mediation, arbitration or other proceeding relating to said invention, said application and any divisional, continuing, substitute or reissue application thereof whenever requested; and
- e. to perform all other affirmative acts which may be necessary or desirable to secure full and complete protection of the inventions and discoveries or that may be necessary or desirable to vest in Assignee the complete title to the inventions and discoveries and Letters Patent hereby conveyed and to enable Assignee to record title.

Assignors hereby authorize and request the United States Patent and Trademark Office or any other issuing authority to issue any and all Letters Patent that may be granted upon this invention and/or this application or any divisional, continuing, substitute or reissue application thereof to the Assignee, its legal representatives, successors and assigns.

Assignors each hereby represents, covenants and warrants that he or she has the full right to convey the entire right, title and interest by this instrument, free of any encumbrances and that no other agreement has been or will be executed in conflict herewith.

The provisions of this Assignment are binding upon Assignors' heirs, legal representatives and/or administrators and assigns.

Assignors hereby grant to the law firm of Jefferson IP Law, LLP of Washington, DC and its attorneys and agents as associated with Customer No. 68103 the authority and power to insert on this instrument any further identification which may be necessary or desirable for purposes of recordation in the United States Patent and Trademark Office or a Patent Office of any foreign country.

Signature of Inventor:	Scoktae KIM	Date
Signature of Inventor:	Inpark Hyunmi PARK	2014. 8. 19 Date
ignature of Inventor:		
	Hyeyeon SON	Date
roppin i		

PATENT:
REEL: 033650 FRAME: 0671

CLIENT REF.; YPF201402-0025/US_DMC SAMSUNG REF.: GM-201308-305-1-US0

Assignment

WHEREAS, the following inventors, namely 1) Scoktae KIM, 2) Hyunmi PARK, and 3) Hyeyeon SON, all, citizens of the Republic of Korea (hereinafter called "Assignors"), having made or discovered certain new, useful and non-obvious improvements in an invention having a working title of:

METHOD AND APPARATUS FOR PROVIDING USER WITH INFORMATION RECEIVED BY ELECTRONIC DEVICE.

for which a United States Patent Application is being filed concurrently herewith or, if not being concurrently filed, was filed on <u>September 2, 2014</u>, and assigned Serial No. <u>14/474,707</u>; and,

WHEREAS, Samsung Electronics Co., Ltd., a corporation duly organized under the laws of the Republic of Korea, located and doing business at 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea, 443-742 (hereinafter called "Assignee"), is desirous of acquiring the entire right, title and interest therein;

NOW, THEREFORE, BE IT KNOWN that for and in good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignors do hereby sell, assign and transfer unto said Assignee the entire and exclusive worldwide right, title and interest in and to all said inventions and discoveries disclosed in said application, and in and to said application, any and all substitutions, divisions, provisionals, conversions of provisionals and continuations thereof, and in and to all Letters Patent, United States and foreign, that may be granted for said inventions and discoveries, and in and to all extensions, renewals and reissues thereof; and the right to file any foreign application and/or claim priority under the provisions of any international treaty or convention arising from this application or any divisional, continuing, substitute or reissue application therefrom. The aforesaid assignment includes the right in and to all income, royalties, damages and payments, now or hereafter due or payable with respect to any Letters Patent which may be granted, and in and to all causes of action (either in law or in equity), and the right to sue, counterclaim, and recover for past, present and future infringement of the rights assigned or to be assigned under this Assignment, as fully and entirely as the same would have been held and enjoyed by Assignors if this sale, assignment and transfer had not been made.

Assignors covenant and agree, without further compensation to said Assignors but at Assignee's expense:

- a. to execute:
 - all papers to be used in connection with this application and any divisional, continuing, substitute or reissue application thereof, as the Assignce may deem necessary or expedient, and

CLIENT REF.: YPF201402-0025/US_DMC SAMSUNG REF.: GM-201308-305-1-US0

- ii. all papers in connection with any interference, litigation, mediation, arbitration or other proceeding relating to this application or any divisional, continuing, substitute or reissue application thereof, as may be necessary or expedient;
- to cooperate with the Assignee in every way possible in obtaining evidence and going forward in any interference, litigation, mediation, arbitration or other proceeding relating to said invention, said application and any divisional, continuing, substitute or reissue application thereof;
- c. to communicate to the Assignee any facts relating to said invention, said application and any divisional, continuing, substitute or reissue application thereof, including evidence for any interference, litigation, mediation, arbitration or other proceeding relating to said invention, whenever requested;
- to testify in any interference, litigation, mediation, arbitration or other proceeding relating to said invention, said application and any divisional, continuing, substitute or reissue application thereof whenever requested; and
- e. to perform all other affirmative acts which may be necessary or desirable to secure full and complete protection of the inventions and discoveries or that may be necessary or desirable to vest in Assignee the complete title to the inventions and discoveries and Letters Patent hereby conveyed and to enable Assignee to record title.

Assignors hereby authorize and request the United States Patent and Trademark Office or any other issuing authority to issue any and all Letters Patent that may be granted upon this invention and/or this application or any divisional, continuing, substitute or reissue application thereof to the Assignee, its legal representatives, successors and assigns.

Assignors each hereby represents, covenants and warrants that he or she has the full right to convey the entire right, title and interest by this instrument, free of any encumbrances and that no other agreement has been or will be executed in conflict herewith.

The provisions of this Assignment are binding upon Assignors' heirs, legal representatives and/or administrators and assigns.

Assignors hereby grant to the law firm of Jefferson IP Law, LLP of Washington, DC and its attorneys and agents as associated with Customer No. 68103 the authority and power to insert on this instrument any further identification which may be necessary or desirable for purposes of recordation in the United States Patent and Trademark Office or a Patent Office of any foreign country.

DOCKET NO.: 0203-1416 CLIENT REF.: YPF201402-0025/US_DMC SAMSUNG REF.: GM-201308-305-1-US0

Signature of Inventor:		
	Seoktae KIM	Date
Signature of Inventor:		
	Hyunmi PARK	Date
Signature of Inventor:	Insersecin Gow.	Aug. 12,2014
	Hyeyeon SON	Date

RECORDED: 09/02/2014