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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2992861

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT	ASSIGNMENT	
CONVEYING PARTY DATA	· ·		
	Name	Execution Date	
SEONGWOOK SONG		08/07/2014	
SUNGYOON CHO		08/07/2014	
JONGHAN LIM		08/07/2014	

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:	14466054

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:	0203-1442	
NAME OF SUBMITTER:	QUASIM A. SHAH	
SIGNATURE:	/Quasim A. SHAH/	
DATE SIGNED:	08/22/2014	

Total Attachments: 4

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RECORDATION FORM COVER SHEET PATENTS ONLY				
To the Director of the U.S. Patent and Trademark Office: Please 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) Seongwook SONG, 2) Sungyoon CHO, and 3) Jonghan LIM	Name: Samsung Electronics Co., Ltd.			
	Internal Address:			
Additional name(s) of conveying party(ies) attached? Yes N 3. Nature of conveyance/Execution Date(s): Execution Date(s) August 7, 2014 Assignment Assignment Assignment Change of Name Joint Research Agreement Government Interest Assignment Executive Order 9424, Confirmatory License Other 4. Application or patent number(s): A. Patent Application No.(s)	Street Address: 129, Samsung-ro, Yeongtong-gu City: Suwon-si, Gyeonggi-do State:			
14/466,054 Additional numbers attached? Yes No 5. Name and address to whom correspondence 6. Total number of applications and patents				
concerning document should be mailed: Name:Jefferson IP Law, LLP	involved: One			
	7. Total fee (37 CFR 1.21(h) & 3.41) \$			
Internal Address: Quasim A. Shah	Authorized to be charged by credit card			
Street Address: 1130 Connecticut Ave., NW, Suite 420	Authorized to be charged to deposit account Enclosed None required (government interest not affecting title)			
City: Washington	8. Payment Information			
State: <u>DC</u> Zip: <u>20036</u>	a. Credit Card Last 4 Numbers Expiration Date			
Phone Number: 202-293-0804	b. Deposit Account Number			
Fax Number: 202-403-3587				
Email Address: usdocketing@jeffersonip.com	Authorized User Name			
9. Signature: /Quasim A. SHAH/ Reg. No Signature Quasim A. Shah	Date Total number of pages including cover			
Name of Person Signing	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				

PATENT REEL: 033589 FRAME: 0913 DOCKET NO.: 0203-1442 CLIENT REF.: YPF201308-0023/US-N_DMC SAMSUNG REF.: GM-201307-243-1-US0

Assignment

WHEREAS, the following inventors, namely 1) Seongwook SONG, 2) Sungyoon CHO, and 3) Jonghan LIM, 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:

Low Power Standby Mode for User Interface Monitoring,

for which a United States Patent Application is being filed concurrently herewith or, if not being concurrently filed, was filed on <u>August 22, 2014</u>, and assigned Serial No. <u>14/466,054</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 provisional, 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 Assignce's expense:

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

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PATENT REEL: 033589 FRAME: 0914

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- 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;
- d. 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.

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Signature of Inventor:

Seongwook SONG

08/07/2014

Date

Signature of Inventor:

08/01/2014 Date

Sungyoon CHO

Signature of Inventor:

04/01/2019 Date

Jonghan LIM

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RECORDED: 08/22/2014

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PATENT REEL: 033589 FRAME: 0916

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