503619030 12/18/2015

EPAS ID: PAT3665661

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JAESUNG KU	12/03/2015
HOJUN JAYGARL	12/03/2015

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:	14974494

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: 0203-1764

NAME OF SUBMITTER: JOSHUA H. SGUEO

SIGNATURE: /Joshua H. SGUEO/
DATE SIGNED: 12/18/2015

Total Attachments: 5

source=0203-1764AssignmentAsFiled#page1.tif source=0203-1764AssignmentAsFiled#page2.tif source=0203-1764AssignmentAsFiled#page3.tif source=0203-1764AssignmentAsFiled#page4.tif source=0203-1764AssignmentAsFiled#page5.tif

PATENT 503619030 REEL: 037330 FRAME: 0127

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

RECORDATION FORM COVER SHEET PATENTS ONLY			
	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)		
Name of conveying party(les) Jaesung KU and 2) Hojun JAYGARL	Name: Samsung Electronics Co., Ltd.		
1) bassang (te and 2) 115,300 21 11 21 11	Internal Address:		
	IIIlemai Audiess.		
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) December 3, 2015			
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		
14/974,494 Additional numbers att	tached? Yes VNo		
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: Joshua H. Sgueo	Authorized to be charged by credit card		
	Authorized to be charged to deposit account		
Street Address: 1130 Connecticut Ave., NW, Suite 420	Enclosed		
Street Address. 1100 Confidence Ave., 1444, Canto 120	None required (government interest not affecting title)		
City: Washington	8. Payment Information		
,	a. Credit Card Last 4 Numbers		
State: DC Zip: 20036	Expiration Date		
Phone Number: 202-293-0804	b. Deposit Account Number		
Fax Number: 202-403-3587	Authorized User Name		
Email Address: usdocketing@jeffersonip.com	Authorized Oser Ivallie		
9. Signature: /Joshua H. SGUEO/ Reg. No	b. 67,154 December 18, 2015		
Signature	Date		
	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: 037330 FRAME: 0128

DOCKET NO.: 9203-1764

CLIENT REF.: YPF201509-0023/US_DMC SAMSUNG REF.: GM-201404-008-1-US0

Assignment

WHEREAS, the following inventor, namely 1) Jaesung KU, and 2) Hojun JAYGARL, all citizens of the Republic of Korea (hereinafter called "Assignor"), having made or discovered certain new, useful and non-obvious improvements in an invention having a working title of:

TEXT-BASED CONTENT MANAGEMENT METHOD AND APPARATUS OF ELECTRONIC DEVICE,

for which a United States Patent Application is being filed concurrently herewith or, if not being concurrently filed, was filed on <u>December 18, 2015</u>, and assigned Serial No. 14/974,494 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, 16677 (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, Assignor does 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 Assignor if this sale, assignment and transfer had not been made.

Assignor covenants and agrees, without further compensation to said Assignor but at Assignee's expense:

3

- a. to execute:
 - 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
 - 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;

PATENT REEL: 037330 FRAME: 0129

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The provisions of this Assembert are binding upon Assignor's heirs legal expressions and continuous are and assigns

enter the Law firm of lefferson IP Law TTP of Washington DC and Castomer No. 68103 the authority and power to the Law firm of the Law for the English may be necessary or desirable for a patent of the Castomer III the United States Patent and Trademark Office or a Patent Office of the Castomer III the Castomer II the Cast

Secretary of the Other		Jeans 3 2015
	Jaesung KU	Date
	Hojun JAYGARI	Disk

DOCKET NO.: 0203-1764

CLIENT REF.: YPF201509-0023/US_DMC SAMSUNG REF.: GM-201404-008-1-US0

Assignment

WHEREAS, the following inventor, namely 1) Jaesung KU, and 2) Hojun JAYGARL, all citizens of the Republic of Korea (hereinafter called "Assignor"), having made or discovered certain new, useful and non-obvious improvements in an invention having a working title of:

TEXT-BASED CONTENT MANAGEMENT METHOD AND APPARATUS OF ELECTRONIC DEVICE,

for which a United	l States Patent	Application is being	filed concurrently	herev	zith or, if	not being	
concurrently filed	, was filed on	December 18, 2015		and a	ssigned	Serial No.	14/974,494
; 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, 16677 (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, Assignor does 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 Assignor if this sale, assignment and transfer had not been made.

Assignor covenants and agrees, without further compensation to said Assignor 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 Assignee may deem necessary or expedient, and
 - 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;

PATENT REEL: 037330 FRAME: 0131 DOCKET NO.: 0203-1764

CLIENT REF.: YPF201509-0023/US_DMC SAMSUNG REF.: GM-201404-008-1-US0

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
- 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.

Assignor hereby authorizes and requests 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.

Assignor 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 Assignor's heirs, legal representatives and/or administrators and assigns.

Assignor hereby grants 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:		
	Jaesung KU	Date
Signature of Inventor:	77.75	Same of the St.
	Hojun JAYGARL	Date Date