503816356 05/06/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3863004

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JUNE SEONG JOE	05/02/2016
DOO WAHN PARK	05/02/2016
WON MUK KIM	05/02/2016
DONG HO SHIN	05/03/2016
JI HYE CHOE	05/03/2016
SEUNG JIN PARK	05/02/2016
HYUN HEE PARK	05/03/2016
JI EUN CHOI	05/02/2016
SEUNG UK SEO	05/02/2016
YU MI KIM	05/02/2016
JIN WOO CHOI	05/03/2016
YANG KYUN PARK	05/02/2016

RECEIVING PARTY DATA

Name:	lame: KAKAO CORP.	
Street Address: (YEONGPYEONG-DONG) 242, CHEOMDAN-RO		
City: JEJU-SI, JEJU-DO		
State/Country:	KOREA, REPUBLIC OF	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15147744

CORRESPONDENCE DATA

Fax Number: (949)760-9502

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: 949-760-0404 **Email:** efiling@knobbe.com

Correspondent Name: KNOBBE, MARTENS, OLSON & BEAR, LLP

Address Line 1: 2040 MAIN STREET, 14TH FLOOR

Address Line 4: IRVINE, CALIFORNIA 92614

PATENT REEL: 038490 FRAME: 0992

503816356

ATTORNEY DOCKET NUMBER:	MUH014.001AUS	
NAME OF SUBMITTER:	MINCHEOL KIM	
SIGNATURE:	/Mincheol Kim/	
DATE SIGNED:	05/06/2016	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 5

source=FPE-2015-0212-US_Executed documents#page1.tif

source=FPE-2015-0212-US_Executed documents#page2.tif

source=FPE-2015-0212-US_Executed documents#page3.tif

source=FPE-2015-0212-US_Executed documents#page4.tif

source=FPE-2015-0212-US_Executed documents#page5.tif

PATENT REEL: 038490 FRAME: 0993

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))

Application Data Sheet filed previously or concurrently

Docket No.: MUH014.001AUS

Page 1 o

Title: MESSAGE SERVICE PROVIDING METHOD FOR MESSAGE SERVICE LINKED TO SEARCH SERVICE AND MESSAGE SERVER AND USER TERMINAL TO PERFORM THE METHOD

Inventor(s): June Seong JOE, Doo Wahn PARK, Won Muk KIM, Dong Ho SHIN, Ji Hye CHOE, Seung Jin PARK, Hyun Hee PARK, Ji Eun CHOI, Seung Uk SEO, Yu Mi KIM, Jin Woo CHOI and Yang Kyun PARK

Declaration

This Declaration is directed to the invention identified above that:

Is attached, where "attached" means filed concurrently with, or

Was filed on ______ as U.S. or International Application No.

and incorporating any amendments made thereto prior to the signature date of this Declaration. In case this Declaration is signed without the filing date and/or the application number, I authorize the registrants of Knobbe, Martens, Olson & Bear, LLP, Customer No. 20,995 to include the filing date and application number in the blanks before filing this Declaration with the United States Patent and Trademark Office.

As a named inventor, I declare that:

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor in the application.

I hereby acknowledge that any willful false statement made in this Declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

Assignment from Inventor(s)

WHEREAS, above-identified inventor(s) (individual(s) hereinafter "ASSIGNOR") invented certain new and useful improvements, technology, inventions, developments, ideas or discoveries, and hereby assign or are under an obligation to assign to the below identified Assignee the above-titled application (collectively hereinafter referred to as the "Work") for which an application for Letters Patent in the United States (identified above) has been prepared for filing with the United States Patent and Trademark Office (hereinafter the "Application").

AND WHEREAS, KAKAO CORP., with its principal place of business at (Yeongpyeong-dong) 242, Cheomdan-ro, Jeju-si, Jeju-do, Republic of Korea (hereinafter the "ASSIGNEE"), desires to acquire the entire right, title, and interest in and to the Application.

NOW, THEREFORE, for good and valuable consideration of which receipt is hereby acknowledged, ASSIGNOR hereby acknowledges that ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest in the Application, including all patent properties filed or issued upon the Application; where "Patent Properties" include, but are not limited to:

all provisional applications to which the Application claims priority; and

all nonprovisional applications claiming priority to aforementioned provisional(s) and/or the present Application, including, all divisions, continuations, continuations-in-part, and reissues, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof.

ASSIGNOR hereby acknowledges the ASSIGNEE as the Applicant for all aforementioned patent properties, and authorizes and requests the Commissioner of Patents of the United States to issue all related Letters Patent to the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

PATENT REEL: 038490 FRAME: 0994

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))

Application Data Sheet filed previously or concurrently

Docket No.: MUH014.001AUS

Page 2 o

Title: MESSAGE SERVICE PROVIDING METHOD FOR MESSAGE SERVICE LINKED TO SEARCH SERVICE AND MESSAGE SERVER AND USER TERMINAL TO PERFORM THE **METHOD**

Inventor(s): June Seong JOE, Doo Wahn PARK, Won Muk KIM, Dong Ho SHIN, Ji Hye CHOE, Seung Jin PARK, Hyun Hee PARK, Ji Eun CHOI, Seung Uk SEO, Yu Mi KIM, Jin Woo CHOI and Yang Kyun PARK

ASSIGNOR does hereby sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of all Patents that may be granted on the Application or all divisions, continuations. reissues, reexaminations and extensions thereof;

AND ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Work, and testify in any legal proceeding, assist in the preparation of any other Patent Property relating to the Application, and the Work or any improvements made thereto, sign/execute all lawful papers, execute and make all rightful oaths and/or declarations in connection with the Application, any patent applications filed therefrom, and any continuing application filed from any of the aforementioned applications, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Patent Properties.

Legal Name of inventor 1: JOE, June Seong					
Signature: Joe Junesein &	Date: May 2. 20/6				
Legal Name of inventor 2: PARK, Doo Wahn					
Signature Par Jacust	Date: May 2, 2016				
Legal Name of inventor 3: KIM, Won Muk	,				
Signature: Kim Watt make.	Date: May 2. 20/6				
Legal Name of inventor 4: SHIN, Dong Ho					
Signature:	Date: May h, 2016				
Legal Name of inventor 5: CHOE, Ji Hye					
Signature: TThye Choe	Date: May 7, 2016				
Legal Name of inventor 6: PARK, Seung Jin					
Signature: PAK Soung Tin R	Date: May 2. 2016				

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))

Application Data Sheet filed previously or concurrently

Docket No.: MUH014.001AUS

23153513 041916 Page 3 o

Title: MESSAGE SERVICE PROVIDING METHOD FOR MESSAGE SERVICE LINKED TO SEARCH SERVICE AND MESSAGE SERVER AND USER TERMINAL TO PERFORM THE METHOD

Inventor(s): June Seong JOE, Doo Wahn PARK, Won Muk KIM, Dong Ho SHIN, Ji Hye CHOE, Seung Jin PARK, Hyun Hee PARK, Ji Eun CHOI, Seung Uk SEO, Yu Mi KIM, Jin Woo CHOI and Yang Kyun PARK

Legal Name of inventor 7: PARK, Hyun Hee					
Signature:	Date: May 3. 2016				
Legal Name of inventor 8: CHOI, Ji Eun					
Signature: Teunchot	Date: May 2 wib				
Legal Name of inventor 9: SEO, Seung Uk					
Signature:	Date: May 2, 2016				
Legal Name of inventor 10: KIM, Yu Mi					
Signature:	Date: May 2, 20/6				
Legal Name of inventor 11: CHOI, Jin Woo					
Signature: Jin Chevi	Date: May 3, 2016				
Legal Name of inventor 12: PARK, Yang Kyun					
Signature:	Date: May 2, 2016				

PATENT REEL: 038490 FRAME: 0996 Doc Code: PA..

Document Description: Power of Attorney

PTO/AIA/82B (07-13)
Description: Power of Attorney

Approved for use through 11/30/2014, OMB 0651-0051

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

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

POWER OF ATTORNEY BY APPLICANT

	y revoke all pre ces below.	vious powers of attorney given i	n the applicati	on identified in <u>either</u> t	he attached	transmittal letter or
	A	pplication Number		Filing Date		
	(Note:	The boxes above may be left blank	if information is	provided on form PTO/	 41A/82A.)	
	to transact all be the attached tra OR	the Patent Practitioner(s) associated in the United States Patent insmittal letter (form PTO/AIA/82A) of the Practitioner(s) named in the attach	and Trademark or identified abo ned list (form PT	Office connected therew ve: 20995 O/AIA/82C) as my/our al	vith for the app	lication referenced in
	all business in the United States Patent and Trademark Office connected therewith for the patent application referenced in the attached transmittal letter (form PTO/AIA/82A) or identified above. (Note: Complete form PTO/AIA/82C.)					ion referenced in the
	Please recognize or change the correspondence address for the application identified in the attached transmittal letter or the boxes above to: The address associated with the above-mentioned Customer Number					
	OR The address as OR	sociated with Customer Number:				
	Firm or Individual Name					
Address						
City			State		Zip	
Country						
Telepho	ne		Ema	il		
I am the	Applicant (if the	Applicant is a juristic entity, list the	Applicant name	in the box):		
KAŁ	KAKAO CORP.					
		t Inventor (title not required below)		A ASM A		
		tative of a Deceased or Legally Inco				unt in a juriatia antitul
		son to Whom the Inventor is Under				
Person Who Otherwise Shows Sufficient Proprietary Interest (e.g., a petition under 37 CFR 1.46(b)(2) was granted in the application or is concurrently being filed with this document) (provide signer's title if applicant is a juristic entity)						
SIGNATURE of Applicant for Patent						
The undersigned (whose title is supplied below) is authorized to act on behalf of the applicant (e.g., where the applicant is a juristic entity).						
Signa	ature	Malle		Date (Optional)	May,	2,2016
Nam	e.	Jongho Yvon				
Title		(Senier) Hanger				
NOTE: Signature - This form must be signed by the applicant in accordance with 37 CFR 1.33. See 37 CFR 1.4 for signature requirements and certifications. If more than one applicant, use multiple forms.						
√Tota	of 1	forms are submitted.				

This collection of information is required by 37 CFR 1.131, 1.32, and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO; Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

- The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
- A record from this system of records may be disclosed, as a routine use, in the course of
 presenting evidence to a court, magistrate, or administrative tribunal, including
 disclosures to opposing counsel in the course of settlement negotiations.
- 3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
- 4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
- 5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
- 6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
- 7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
- 8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
- A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

PATENT REEL: 038490 FRAME: 0998

RECORDED: 05/06/2016