08/21/2018 505054051

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5100806

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HO JUN JAYGARL	08/16/2018
HYUN WOO KANG	08/21/2018
JAE HWAN LEE	08/20/2018
HAN JUN KU	08/17/2018
NAM HOON KIM	08/14/2018
EUN TAEK LIM	08/21/2018
DA SOM LEE	08/14/2018

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16106929

CORRESPONDENCE DATA

Fax Number: (201)226-9246

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: 201-226-9245

Email: jeryl.bizzoco@chareiter.com

CHA & REITER, LLC **Correspondent Name:** 17 ARCADIAN AVENUE Address Line 1:

Address Line 2: SUITE 208

Address Line 4: PARAMUS, NEW JERSEY 07652

ATTORNEY DOCKET NUMBER:	4700-1-143
NAME OF SUBMITTER:	STEVE CHA
SIGNATURE:	/Steve Cha/
DATE SIGNED:	08/21/2018

PATENT REEL: 046648 FRAME: 0606 505054051

Total Attachments: 8 source=4700-1-143_Assignment#page1.tif source=4700-1-143_Assignment#page2.tif source=4700-1-143_Assignment#page3.tif source=4700-1-143_Assignment#page4.tif source=4700-1-143_Assignment#page5.tif source=4700-1-143_Assignment#page6.tif source=4700-1-143_Assignment#page7.tif source=4700-1-143_Assignment#page8.tif

PATENT REEL: 046648 FRAME: 0607

Docket No.: 4700-1-143 Client Ref No.: GM-201708-071-1-US0

Assignment of Invention and Patent Application

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for good and valuable consideration,

1) Ho Jun JAYGARL	of	A-2705, 220, Dongtanjungang-ro, Hwaseong-si, Gyeonggi-do, 18445, Republic of Korea
2) Hyun Woo KANG	of	105-1001, 112, Yeongtong-ro 200beon-gil, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16693, Republic of Korea
3) Jae Hwan LEE	of	1313-601, 57, Cheolsan-ro, Gwangmyeong-si, Gyeonggi-do, 14232, Republic of Korea
4) Han Jun KU	of	6301-3001, 60, Central park-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16504, Republic of Korea
5) Nam Hoon KIM	of	836-1402, 26, Yeongtong-ro 290beon-gil, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16698, Republic of Korea
6) Eun Tack LIM	of	519, 156, Dongtanbanseok-ro, Hwaseong-si, Gyeonggi-do, 18454, Republic of Korea
7) Da Som LEE	of	810-1701, 280, Mokdongseo-ro, Yangcheon-gu, Seoul, 08012, Republic of Korea

(hereinafter Assignor) hereby sells, assigns, transfers, and sets over unto:

SAMSUNG ELECTRONICS CO., LTD. of 129 SAMSUNG-RO, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO, 16677 REPUBLIC OF KOREA

(hereinafter Assignee) the entire right, title and interest for the United States Of America and all other countries as defined in 35 U.S.C. Section 261, in and to the invention entitled as:

VOICE DATA PROCESSING METHOD AND ELECTRONIC DEVICE SUPPORTING THE SAME

1

PATENT REEL: 046648 FRAME: 0608 invented by **Assignor**; the application for United States patent and all other countries, invented by **Assignor**; any patent or reissues of any patent that may be granted thereon; and any applications which are continuations, continuation-in-part, substitutes, or divisions of said application. **Assignor** authorizes **Assignee** to enter the date of signature and/or Serial Number and Filing Date in the above. **Assignor** also authorizes and requests the Commissioner of Patents and Trademarks to issue any resulting patent(s) to the said **Assignee**, for its interests as **Assignee**, its successors, assigns and legal representatives. The undersigned agrees that the attorney of record in said application shall hereafter act on behalf of said **Assignee**; and **Assignor** further conveys to **Assignee** all priority rights resulting from the above-identified application for United States Patent and all other countries. **Assignor** agrees to execute all papers, give any required testimony and perform other lawful acts, as deemed essential by **Assignee** to perfect **Assignee**'s interest in any resulting patent of the United States and all other countries, and to acquire, hold, enforce, convey, and uphold the validity of said patent and reissues and extensions thereof, and **Assignee**'s interest therein. **SIGNED ON THE DATES(S) INDICATED BESIDE MY/OUR SIGNATURE(S):**

2

Signature of inventor

Dated: _____

WITNESSED:

invented by **Assignor**; the application for United States patent and all other countries, invented by **Assignor**; any patent or reissues of any patent that may be granted thereon; and any applications which are continuations, continuation-in-part, substitutes, or divisions of said application. **Assignor** authorizes **Assignee** to enter the date of signature and/or Serial Number and Filing Date in the above. **Assignor** also authorizes and requests the Commissioner of Patents and Trademarks to issue any resulting patent(s) to the said **Assignee**, for its interests as **Assignee**, its successors, assigns and legal representatives. The undersigned agrees that the attorney of record in said application shall hereafter act on behalf of said **Assignee**; and **Assignor** further conveys to **Assignee** all priority rights resulting from the above-identified application for United States Patent and all other countries. **Assignor** agrees to execute all papers, give any required testimony and perform other lawful acts, as deemed essential by **Assignee** to perfect **Assignee**'s interest in any resulting patent of the United States and all other countries, and to acquire, hold, enforce, convey, and uphold the validity of said patent and reissues and extensions thereof, and **Assignee**'s interest therein.

SIGNED ON THE DATES(S) INDICATED BESIDE MY/OUR SIGNATURE(S):

Name of First Inventor: Ho Jun JAYGARL	
	Signature of inventor
	Dated:
	WITNESSED:
Name of Second Inventor: Hyun Woo KANG	Hymnuco Kong Signature of inventor Dated: Aug. 21 2018 WITNESSED:
Name of Third Inventor: Jae Hwan LEE	Signature of inventor Dated:
	WITNESSED:

invented by **Assignor**; the application for United States patent and all other countries, invented by **Assignor**; any patent or reissues of any patent that may be granted thereon; and any applications which are continuations, continuation-in-part, substitutes, or divisions of said application. **Assignor** authorizes **Assignoe** to enter the date of signature and/or Serial Number and Filing Date in the above. **Assignor** also authorizes and requests the Commissioner of Patents and Trademarks to issue any resulting patent(s) to the said **Assignee**, for its interests as **Assignee**, its successors, assigns and legal representatives. The undersigned agrees that the attorney of record in said application shall hereafter act on behalf of said **Assignee**; and **Assignor** further conveys to **Assignee** all priority rights resulting from the above-identified application for United States Patent and all other countries. **Assignor** agrees to execute all papers, give any required testimony and perform other lawful acts, as deemed essential by **Assignee** to perfect **Assignee**'s interest in any resulting patent of the United States and all other countries, and to acquire, hold, enforce, convey, and uphold the validity of said patent and reissues and extensions thereof, and **Assignee**'s interest therein. **SIGNED ON THE DATES(S) INDICATED BESIDE MY/OUR SIGNATURE(S):**

Name of First Inventor: Ho Jun JAYGARL	
	Signature of inventor
	Dated:
	WITNESSED:
Name of Second Inventor: Hyun Woo KANG	Signature of inventor
	Dated:
	WITNESSED:
Name of Third Inventor: Jae Hwan LEE	Signature of inventor
	Dated: 2018, 8, 26
	WITNESSED:

Name of Fourth Inventor: Han Jun KU	Signature of inventor
	Dated:Aug 17, 2018
	WITNESSED:
Name of Fifth Inventor: Nam Hoon KIM	Signature of inventor
	Dated:
	WITNESSED:
Name of Sixth Inventor: Eun Taek LIM	Signature of inventor
	Dated:
	WITNESSED:
Name of Seventh Inventor: Da Som LEE	Signature of inventor
	Dated:
	WITNESSED:

Name of Fourth Inventor: Han Jun KU	
	Signature of inventor
	Dated:
	WITNESSED:
Name of Fifth Inventor: Nam Hoon KIM	Num Hoon KIM
	Signature of inventor
	Dated: Aug. 14th 2018
	WITNESSED:
Name of Sixth Inventor: Eun Taek LIM	Signature of inventor
	Dated:
	WITNESSED:
Name of Seventh Inventor: Da Som LEE	
	Signature of inventor
	Dated:
	WITNESSED:

Name of Fourth Inventor: Han Jun KU	
Traine of 1 out in America, 12am can 119	Signature of inventor
	Dated:
	WITNESSED:
Name of Fifth Inventor: Nam Hoon KIM	Signature of inventor
	Dated:
	WITNESSED:
Name of Sixth Inventor: Eun Tack LIM	Em Tack Signature of inventor
	Dated: Aug. 2019
	WITNESSED:
Name of Seventh Inventor: Da Som LEE	Signature of inventor
	Dated:
	WITNESSED:

Name of Fourth Inventor: Han Jun KU	
Name of Foatti Inventor, 12an yaz 220	Signature of inventor
	Dated:
	WITNESSED:
Name of Fifth Inventor: Nam Hoon KIM	Signature of inventor
	Dated:
	WITNESSED:
Name of Sixth Inventor: Eun Taek LIM	Signature of inventor
	Dated:
	WITNESSED:
Name of Seventh Inventor: Da Som LEE	Signature of inventor
	Dated: Aug. 14, 2018
	WITNESSED: