# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
BI HO KIM	12/11/2018
SUNG SOO PARK	12/11/2018
SANG GOO LEE	12/06/2018
YOU HYUN SHIN	12/06/2018
KANG MIN YOO	12/06/2018
SANG HOON LEE	11/29/2018
MYOUNG KI SUNG	12/04/2018

# **RECEIVING PARTY DATA**

Name:	HYUNDAI MOTOR COMPANY		
Street Address:	12, HEOLLEUNG-RO, SEOCHO-GU		
City:	SEOUL		
State/Country:	KOREA, REPUBLIC OF		
Postal Code:	06797		
Name:	KIA MOTORS CORPORATION		
Street Address:	12, HEOLLEUNG-RO, SEOCHO-GU		
City:	SEOUL		
State/Country:	KOREA, REPUBLIC OF		
Postal Code:	06797		
Name:	HYUNDAI MNSOFT, INC.		
Street Address:	74, WONHYO-RO, YONGSAN-GU,		
City:	SEOUL		
State/Country:	KOREA, REPUBLIC OF		
Postal Code:	04365		
Name:	SNU R&DB FOUNDATION		
Street Address:	1, GWANAK-RO, GWANAK-GU,		
City:	SEOUL		
State/Country:	KOREA, REPUBLIC OF		
Postal Code:	08826		

**PROPERTY NUMBERS Total: 1** 

PATENT REEL: 047739 FRAME: 0416

505229799

Property Type	Number
Application Number:	16215883

#### **CORRESPONDENCE DATA**

**Fax Number:** (617)542-2241

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:** (617) 348-1859

Email: IPDocketingBOS@mintz.com

Correspondent Name: MINTZ LEVIN

Address Line 1: ONE FINANCIAL CENTER

Address Line 4: BOSTON, MASSACHUSETTS 02111

ATTORNEY DOCKET NUMBER: 048278-677001US

NAME OF SUBMITTER: PETER F. CORLESS

SIGNATURE: /Peter F. Corless/

DATE SIGNED: 12/11/2018

Total Attachments: 6 source=assign#page1.tif

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PATENT REEL: 047739 FRAME: 0417

#### ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made this	day of	, b	у Ві
Ho Kim; Sung Soo Park; Sang Goo Lee; You I	Hyun Shin; Kang Min Yo	o; Sang Hoon Lee;	and
Myoung Ki Sung (hereinafter referred to as As	signors), residing at 105-	805, 221, Sicheong	-ro,
Namyang-eup, Hwaseong, Gyeonggi-do, Repu	blic of Korea 18275; 115	5-302, 30, Dongho-r	o,
10-gil, Jung-gu, Seoul, Republic of Korea 0459	93; 138-418, 1, Gwanak-	ro, Gwanak-gu, Seo	oul,
Republic of Korea 08826; 138-418, 1, Gwanak	-ro, Gwanak-gu, Seoul, I	Republic of Korea	
08826; 138-418, 1, Gwanak-ro, Gwanak-gu, Se	eoul, Republic of Korea (	)8826; 9 Floor, 74,	
Wonhyo-ro, Yongsan-gu, Seoul, Republic of K	Torea 04365; and 9 Floor,	74, Wonhyo-ro,	
Yongsan-gu, Seoul, Republic of Korea 04365.	respectively:		

WHEREAS, Assignors have invented certain new and useful improvements in SPOKEN LANGUAGE UNDERSTANDING APPARATUS AND SPOKEN LANGUAGE UNDERSTANDING METHOD USING THE SAME, set forth in a Patent application for Letters Patent of the United States, filed herewith; and

WHEREAS, Hyundai Motor Company; Kia Motors Corporation; HYUNDAI MNSOFT, INC.; and SNU R&DB FOUNDATION, having their principal places of business at 12, Heolleung-ro, Seocho-gu, Seoul, Republic of Korea 06797; 12, Heolleung-ro, Seocho-gu, Seoul, Republic of Korea 06797; 74, Wonhyo-ro, Yongsan-gu, Seoul, Republic of Korea 04365; and 1, Gwanak-ro, Gwanak-gu, Seoul, Republic of Korea 08826, respectively (hereinafter referred to as Assignees), are desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignees, their successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and

thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignees, for their own use and benefit and the use and benefit of their successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignees, their successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignees under law or that have already been transferred to Assignees, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignees, their successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignees, their successors, legal representatives and assigns, whenever counsel of Assignees, or counsel of their successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner for Patents and Trademarks to issue said Letters Patent of the United States to Assignees, as Assignees of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignees, their successors, legal representatives and assigns.

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AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

### MINTZ LEVIN COHN FERRIS GLOVSKY AND POPEO, P.C.

All practitioners at Customer Number 100807

AND Assignors acknowledge an obligation of assignment of this invention to Assignees at the time the invention was made.

Date:	11.12.2018	Signature:	り、 Bi Ho Kim
Date:	11st Dec. 2-18	Signature:	SUNGSOO Park
Date:		Signature:	Sang Goo Lee
Date		Signature:	You Hyun Shin
Date:	<u> </u>	Signature:	Kang Min Yoo
Date:	<u></u>	Signature:	Sang Hoon Lee

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Date:		Signature	Bi Ho Kim
Date:	······································		Sung Soo Park
Date:	Dex-6-2018	Signature:	Sang Goo Lee
Date:	06 Dec 2018	Signature:	You Hyun Shin
Date:	12/04/2018	Signature:	Kang Min Yoo
Date:		Signature:	Sang Hoon Lee

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Date:		Signature:	Bi Ho Kim
Date:		Signature:	Sung Soo Park
Date:	X	Signature:	Sang Goo Lee
Date:		Signature:	You Hyun Shin
Date:		Signature:	Kang Min Yoo
Date:	39,Nov. 2018	Signature:	Sand Jacon Local

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Date:	04 Pec. 2018	Signature:	/1257	
			Myoung Ki Sung	

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