## 503076822 11/25/2014

#### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3123426

SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT			
CONVEYING PARTY	DATA				
			Name	Execution Date	
ARUN JAGATHEESAN				07/16/2014	
JUHAN LEE				10/16/2014	
JONGHOON AHNN				07/16/2014	
RECEIVING PARTY D	ΑΤΑ				
Name: SAMSUNG ELECTRONICS CO., LTD.					
Street Address:	129, S/	AMSL	ING-RO, YEONGTONG-GU		
City:	suwo	N-SI,	GYEONGGI-DO		
State/Country:	KORE	A, REI	PUBLIC OF		
Postal Code:	443-74	,			
PROPERTY NUMBER	S Total: 1				
Property Type	e		Number		
Application Number:		1433	3463		
CORRESPONDENCE	DATA				
Fax Number:		(424)	229-6815		
			e-mail address first; if that is uns		
Phone:	-		hat is unsuccessful, it will be sent via US Mail. 229-6800		
Email:			t@sziplaw.com		
Correspondent Name			RMAN & ZARRABIAN LLP (SRA)		
Address Line 1:			26TH STREET		
		SAN	TA MONICA, CALIFORNIA 90404		
ATTORNEY DOCKET I	NUMBER:		SAM2Q-P.E02		
NAME OF SUBMITTER			MICHAEL ZARRABIAN, REG. NO. 39886		
SIGNATURE:		/Michael Zarrabian/			
DATE SIGNED:		11/25/2014			
Total Attachments: 6			l		
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<b>~</b> 1	-			PATENT	

## DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT

Title of Invention	MULTI-LEVEI	SPEECH RECOGNITION
As the undersig	gned inventor, I he	reby declare that:
This combined assignment is d	declaration and lirected to:	⊠The attached application, or □United States application or PCT International application number filed on
The above-ider	ntified application	was made or authorized to be made by me.
I believe that I	am the original in	ventor or an original joint inventor of a claimed invention in the application.
	d and understand t being submitted.	he contents of the application including the claims, for which this combined declaration and
I am aware of t 1.56.	he duty to disclose	e to the Office all information known to me to be material to patentability as defined in 37 CFR
Suwon-si, Gye	onggi-do, Korea (	es Co., Ltd., a Korean corporation, having a place of business at 129, Samsung-ro, Yeongtong-gu nereinafter referred to as "ASSIGNEE"), desires to acquire the entire right, title and interest in hat may be granted thereon in the United States and foreign countries;
inventors, here above-identifie applications, ar Convention of	by sell, assign and d application and nd corresponding J	nd valuable consideration, the receipt whereof is hereby acknowledged, We, the below named transfer to said ASSIGNEE, its successors and assigns, the entire right, title and interest in the the invention disclosed therein in all countries, including all divisional applications, continuation priority applications including those to which priority is claimed under the International der 35 U.S.C. 119, substitutions, and renewals thereof, and to all patents that may be granted
granted, to said apply for paten papers and gen	ASSIGNEE, its s ts for the invention	the Patent Office Officials in the United States and all foreign countries to issue patents, when uccessors and assigns. Further, We agree that said ASSIGNEE, its successors and assigns, may n in foreign countries without further authorization from us. Also, We agree to execute all hing possible to aid said ASSIGNEE, its successors and assigns, in obtaining and enforcing untries.
		illful false statement made in this combined declaration and assignment is punishable under 18 nent of not more than five (5) years, or both.
LEGAL NAM	E OF FIRST INVI	ENTOR (e.g., full first name, middle initial, last name)
		Date: _7/16/2014
Signature:	L& Arro	<b>~~</b> .
LEGAL NAM	E OF SECOND IN	IVENTOR (e.g., full first name, middle initial, last name)
Inventor: Juha	n Lee	Date:
Signature:		
AM2Q-P.e02	2 (CRL13-SR01	-A1) Page 1 of 2

PATENT REEL: 034265 FRAME: 0212

LEGAL NAME OF THIRD INVENTOR (e.g., full first name, middle initial, last name)		
Inventor: JongHoon Ahnn	Date:	
Signature:		

#### DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT

Title of Invention	MULTI-LEVEL SPEECH RECOGNITION		
As the unders	l igned inventor, I hereby declare that:		
This combine assignment is	d declaration and The attached application, or directed to: States application or PCT International application number <u>14/333,463</u> filed on <u>July 16, 2014</u> .		
The above-ide	intified application was made or authorized to be made by me.		
I believe that	I am the original inventor or an original joint inventor of a claimed invention in the application.		
	ed and understand the contents of the application including the claims, for which this combined declaration and being submitted.		
I am aware of 1.56.	the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR		
Suwon-si, Gy	Samsung Electronics Co., Ltd., a Korean corporation, having a place of business at 129. Samsung-ro. Yeongtong-gu conggi-do. Korea (hereinafter referred to as "ASSIGNEE"), desires to acquire the entire right, title and interest in and to any patent that may be granted thereon in the United States and foreign countries;		
inventors, her above-identifi applications, a Convention of	EPORE, for good and valuable consideration, the receipt whereof is hereby acknowledged, We, the below named eby sell, assign and transfer to said ASSIGNEE, its successors and assigns, the entire right, title and interest in the ed application and the invention disclosed therein in all countries, including all divisional applications, continuation and corresponding priority applications including those to which priority is claimed under the International (Paris including under 35 U.S.C. 119, substitutions, and renewals thereof, and to all patents that may be granted if reissues thereof.		
We hereby authorize and request the Patent Office Officials in the United States and all foreign countries to issue patents, when granted, to said ASSIGNEE, its successors and assigns. Further, We agree that said ASSIGNEE, its successors and assigns, may apply for patents for the invention in foreign countries without further authorization from us. Also, We agree to execute all papers and generally to do everything possible to aid said ASSIGNEE, its successors and enforcing patents for the invention in all countries.			
I hereby acknowledge that any willful false statement made in this combined declaration and assignment is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.			
LEGAL NAM	IE OF FIRST INVENTOR (e.g., full first name, middle initial, last name)		
Inventor: Aru	n Jagatheesan Date:		
Signature:			
£			
LEGAL NAM	IE OF SECOND INVENTOR (e.g., full first name, middle initial, last name)		
Inventor: Juhan Lee Date: 10/16/14			
Signature:	and <u>in</u>		

SAM2Q-P.e02 (CRL13-SR01-A1)

Page 1 of 2

LEGAL NAME OF THIRD INVENTOR (e.g., full first name, middle initial, last name)		
Inventor: JongHoon Ahnn Date:		
Signature:		
	ويند	

# DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT

Title of	MULTI-LEVEL SPEECH RECOGNITION			
Invention				
As the undersigned inventor, I hereby declare that:				
This combined assignment is	declaration and ⊠The attached application, or directed to: □United States application or PCT International application number filed on			
The above-ide	ntified application was made or authorized to be made by me.			
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.				
I have reviewed and understand the contents of the application including the claims, for which this combined declaration and assignment is being submitted.				
I am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR 1.56.				
Suwon-si, Gye	amsung Electronics Co., Ltd., a Korean corporation, having a place of business at 129, Samsung-ro, Yeongtong-gu conggi-do, Korea (hereinafter referred to as "ASSIGNEE"), desires to acquire the entire right, title and interest in and to any patent that may be granted thereon in the United States and foreign countries;			
NOW, THEREFORE, for good and valuable consideration, the receipt whereof is hereby acknowledged. We, the below named inventors, hereby sell, assign and transfer to said ASSIGNEE, its successors and assigns, the entire right, title and interest in the above-identified application and the invention disclosed therein in all countries, including all divisional applications, continuation applications, and corresponding priority applications including those to which priority is claimed under the International Convention of Paris including under 35 U.S.C. 119, substitutions, and renewals thereof, and to all patents that may be granted thereon, and all reissues thereof.				
We hereby authorize and request the Patent Office Officials in the United States and all foreign countries to issue patents, when granted, to said ASSIGNEE, its successors and assigns. Further, We agree that said ASSIGNEE, its successors and assigns, may apply for patents for the invention in foreign countries without further authorization from us. Also, We agree to execute all papers and generally to do everything possible to aid said ASSIGNEE, its successors and assigns patents for the invention in all countries.				
I hereby acknowledge that any willful false statement made in this combined declaration and assignment is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.				
LEGAL NAM	E OF FIRST INVENTOR (e.g., full first name, middle initial, last name)			
Inventor: Arm	a Jagatheesan Date:			
Signature:				
LEGAL NAM	E OF SECOND INVENTOR (e.g., full first name, middle initial, last name)			
byventor: Juha	n Lee Date:			
Signature:				

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LEGAL NAME OF THIRD INVENTOR (e.g., full first name, middl	e initial, last name)
Inventor: JongHoon Ahnn	Date: <u>Sula 16, 14</u>
Signature:	

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RECORDED: 11/25/2014