504856915 04/06/2018

PATENT ASSIGNMENT COVER SHEET

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NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
MASATSUNE TAMURA	03/28/2018
MASAHIRO MORITA	03/28/2018

RECEIVING PARTY DATA

Name:	KABUSHIKI KAISHA TOSHIBA	
Street Address:	1-1, SHIBAURA 1-CHOME, MINATO-KU	
City:	TOKYO	
State/Country:	JAPAN	
Postal Code:	105-8001	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	15898337	

CORRESPONDENCE DATA

Fax Number: (202)672-5399

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: 202-672-5300

Email: kcox-baione@foley.com, lmnovak@foley.com,

ipdocketing@foley.com

Correspondent Name: PAVAN K. AGARWAL

Address Line 1: FOLEY & LARDNER LLP, SUITE 600

Address Line 2: 3000 K STREET, N.W.

Address Line 4: WASHINGTON, D.C. 20007-5109

ATTORNEY DOCKET NUMBER: 111161-0130		
NAME OF SUBMITTER:	KIMBERLEY COX-BAIONE	
SIGNATURE:	/Kimberley Cox-Baione/	
DATE SIGNED:	04/06/2018	

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PATENT REEL: 045461 FRAME: 0536

504856915

U.S. ASSIGNMENT

inventor(s) (hereinafter, "ASSIGNOR") by (Insert Name(s) & Address(es) of ASSIGNEE(S))		
Kabushiki Kaisha Toshiba		
1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 Ja	pan	
(hereinafter, "ASSIGNEE"), the receipt of which is hereby ack ASSIGNEE the entire and exclusive right, tille and interest to (Title of Invention) SPEECH PROCESSING DEVICE, SPEECH PROCES	the invention entitled	
SI EECH ROCESSING DEVICE, OF ESCHAROCES		
relating to International Patent Applicationexecuted on even date herewith or, if not so executed, was:	and/or for which application	for Letters Patent of the United States was
(a) executed on;	(Insert date of execution of appli	ication, if not concurrent)
(b) filed on <u>February 16, 2018.</u> Serial No. <u>15/898.337.</u>	Assignee's attorney is hereby authorized to insert in (b) the specified data, when known.	
and to said application and all Letters Patent(s) of the United S substitute, reissue or reexamination application based thereon, including any extensions thereof (collectively, hereinafter, "sa	for the full term or terms for which the	e said Letters Patent(s) may be granted and
The ASSIGNOR agree(s), when requested by said ASSIGN which the ASSIGNEE may deem necessary, desirable or experimely in the preparation and prosecution of said application reexamination, or public use proceeding, and in any litigation cats to include but not be limited to executing all papers, inclusively in the proceeding, and obtaining and producing evidence.	dient, for securing, maintaining and e n(s) and the issuance of said Letters P or other legal proceeding which may at	nforcing protection for said invention, atent(s), in any interference, reissue, rise or be declared in relation to same, such
IN WITNESS WHEREOF, the undersigned inventor(s) has	s (have) affixed his/her/their signature	<i>s</i> (\$).
morateme Jumma	Masatsune TAMURA	March 28. 2018 (Date)
(Signature)	(Type Name)	(Date)
1) Moratrume Jumma (Signature) 2) Masahiro Morita (Signature)	Masahiro MORITA	March 28, 20/8
(Signature)	(Type Name)	(Date)

PATENT REEL: 045461 FRAME: 0537

RECORDED: 04/06/2018