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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
XIAO-LIN REN	05/15/2019
JIANZHONG TENG	05/15/2019

RECEIVING PARTY DATA

Name:	NUANCE COMMUNICATIONS, INC.	
Street Address:	ONE WAYSIDE ROAD	
City:	BURLINGTON	
State/Country:	MASSACHUSETTS	
Postal Code:	01803	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	16348689	

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	0013355USU/4705A
NAME OF SUBMITTER:	CHARLES N.J. RUGGIERO
SIGNATURE:	/CHARLES N.J. RUGGIERO/
DATE SIGNED:	07/03/2019

Total Attachments: 4

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PATENT 505556296 REEL: 049661 FRAME: 0149

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned Assignor, hereby:

- Sell, assign and transfer to Nuance Communications, Inc., a Delaware Corporation having a place of business at One Wayside Road, Burlington, Massachusetts 01803, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the International Application filed on May 9, 2019 under International Application No. 16/348,689 bearing Attorney Docket No. N0484.71177US00, and entitled TECHNIQUES FOR LANGUAGE INDEPENDENT WAKE-UP WORD DETECTION, and which are disclosed in the International Patent Cooperation Treaty (PCT) Application filed on November 10, 2016 under No. PCT/CN2016/105343 bearing Attorney Docket No. N0484.71177WO00; and entitled TECHNIQUES FOR LANGUAGE INDEPENDENT WAKE-UP WORD DETECTION, and in and to the application and all corresponding provisional, non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country, including but not limited to China, Japan and Korea, on any of the inventions and designs; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on the inventions and designs, including the right to apply for patent rights in each foreign country and all rights to priority, including the right to claim priority for China, Japan and Korea; as well as the right to sue in its own name and recover damages for past infringement of any United States Letters Patent and foreign patent, including a reasonable royalty relating to provisional rights under 35 U.S.C. § 154(d) that have attached to any published United States patent application, on the inventions and designs;
- 2. Agree that the Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for the inventions and designs in its own name; and when requested, without charge to but at the expense of the Assignee, agree to carry out in good faith the intent and purpose of this Assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all the inventions and designs, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to the Assignee all facts known to me relating to the inventions and designs and the history thereof, and generally by doing everything reasonably possible which the Assignee shall consider designs and for vesting title to the inventions and designs and all applications for patents and reall patents on the inventions and designs, in the Assignee;
 - 3. Request the Director of the United States Patent and Trademark Office and foreign patent authorities to issue the Letters Patent or other intellectual property rights, including foreign patents, to the Assignee;

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- 4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing application identification information or correct any errors in the application identification information provided above, whether discovered prior to or after recordation;
- 5. Covenant with the Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me; and
- 6. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

This instrument is executed under seal and signed under the pains and penalties of perjury under the laws of the United States of America.

Attorney Docket No. N0484.71177US00

05/15/2019		pen xinli
Date (Inventor:	Xiao-Lin Ren
	Address:	301 Quxi Road
		Room 2104, Building No. 3
		Shanghai 200011
		PEOPLE'S REPUBLIC OF CHINA
	Citizenship:	People's Republic of China
Witness:	Signature Name: Address:	Junhas Huang
Witness:	٥	1 mla 0 00 M
Date Date	Signature	e white
·	Name:	counters viu
an-i	Address:	EM 805-848, Tower 1. Century Link,
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<u>)019-05-15</u> Date	Inventor: Jianzhong Teng Address: 251 PuQuan Road Room 201, Building No.71 Shanghai 201114 PEOPLE'S REPUBLIC OF CHINA Citizenship: People's Republic of China
Witness:	Signature Name: Junhao Huang Address: LM 805 - 808, Toward, Century Link, No. 1198 Century Ayenue, Pudong
Witness: 2017 - 05-15 Date	Chunfers 10:4 Signature Name: Chun feng Qiu Address: PM 805-808, Towar 1. Century Line, NO. 1198 Century Avenus, Pudong

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PATENT REEL: 049661 FRAME: 0153