# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
WEIWEI GUO	03/18/2019
LIN GUO	03/21/2019
JIANLING ZHONG	03/18/2019
HUIJI GAO	03/18/2019
BO LONG	03/19/2019

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State/Country: WASHINGTON	
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## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16367849

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ATTORNEY DOCKET NUMBER:	60352-0365
NAME OF SUBMITTER:	ADAM C. STONE
SIGNATURE:	/AdamCStone#60531/
DATE SIGNED:	03/28/2019

**Total Attachments: 3** 

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PATENT REEL: 048728 FRAME: 0650

PATENT AS	SIGNMENT	MS Docket N	o. <u>902446-US-NP</u>
the original disclosed and	inventor or an or	iginal joint inventor of s patent application entitle	nd Bo Long ("ASSIGNOR") am ubject matter ("INVENTION" d "NEURAL RELATED SEARCH
	ASSIGNEE'S legal is LLC, One Microsoft LEGAL REPRESENT onthe following Office	ASSIGNOR hereby authorepresentative, Microsoft Way, Redmond, Washingth ATIVES), to insert here and given Application US - United States Patent Stapplication No., filing contaction No., filing contaction No.,	Technology Licensing, on 98052 (ASSIGNEE'S in parentheses (filed Noby and Trademark Office)
		and was given A by the following Office ark Office)":	
behalf of itsel of acquiring, priority, in the derived there United States ASSIGN to insert the	f and its successors the entire and exc e INVENTION and to from, such as cont , its territories, and IOR hereby authori	and assigns ("ASSIGNEE"), clusive rights, title and in he APPLICATION (and all o inuing applications, in wh all foreign countries ("API zes, and requests, ASSIGNi iling date, and Office into	limited liability company, on is entitled to, and is desirous terest, including the right of ther applications and patents ole or in part, in and for the PLICATION DERIVATIVES"));  EE'S LEGAL REPRESENTATIVES the following table for any
Application I	Vo.	Filing Date	Office
<b></b>			

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For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, ASSIGNOR's entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

Vii	03/18/29[9
Inventor's Signature	Date
Weiwei Guo	多维德
Printed Name in English	Printed Name in Native Language
	(if other than English)

Inventor's Signature

Lin Guo

Printed Name in English

Date

Printed Name in Native Language (if other than English)

de		
***************************************		05/18/2019
	Inventor's Signature	Date
	Jianling Zhong	经 (1) /4
	Printed Name in English	Print d Name in Native Language
		(if other than English)

702, 2	03/18/2019
Inventor's Signature	Date
Hui]ii Gao	\$4£
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	(if other than English)

and the same of th	03/19/2019
Inventor's Signature	Date
Bo Long	龙波
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	(if other than English)

**RECORDED: 03/28/2019**