

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5513577

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
CUILING LAN	01/12/2017
WENJUN ZENG	01/11/2017
SIJIE SONG	01/12/2017
JUNLIANG XING	01/12/2017
RECEIVING PARTY DATA	
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Street Address:	ONE MICROSOFT WAY
City:	REDMOND
State/Country:	WASHINGTON
Postal Code:	98052-6399
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16348420
CORRESPONDENCE DATA	
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Phone:	612-332-5300
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ATTORNEY DOCKET NUMBER:	14917.3340USWO/400661USPT
NAME OF SUBMITTER:	TIMOTHY B. SCULL
SIGNATURE:	/Timothy B. Scull/
DATE SIGNED:	05/08/2019
Total Attachments: 8	
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PATENT ASSIGNMENT

MS Docket No.: 361423.01

I Cuiling Lan ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "NEURAL NETWORK-BASED ACTION DETECTION" ("APPLICATION"), which:

☒ will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representative, Microsoft Technology Licensing, LLC, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on _____ and given Application No. _____ by the following Office _____) this APPLICATION's Application No., filing date, and Office, when known;

☐ was filed on _____ and was given Application No. _____ by the following Office "_____";

Microsoft Technology Licensing, LLC, a Washington limited liability company, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the 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 hereby authorizes, and requests, ASSIGNEE'S LEGAL REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any APPLICATION DERIVATIVES after they are known;

Application No.	Filing Date	Office
16/348,420	2019-05-08	U.S. Patent and Trademark Office

PATENT ASSIGNMENT

MS Docket No.: 361423.01

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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).

<u>Cuiling Lan</u>	<u>2017.1.12</u>
Inventor's Signature	Date
<u>Cuiling Lan</u>	<u>兰翠玲</u>
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

MS Docket No.: 361423.01

I Wenjun Zeng ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "NEURAL NETWORK-BASED ACTION DETECTION" ("APPLICATION"), which:

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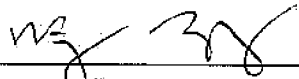
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	<u>2017.01.11</u>
Inventor's Signature	Date
<u>Wenjun Zeng</u>	<u>曾文军</u>
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

MS Docket No.: 361423.01

I Sijie Song ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "NEURAL NETWORK-BASED ACTION DETECTION" ("APPLICATION"), which:

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<u>Sijie Song</u> Inventor's Signature	<u>2017. 1. 12</u> Date
<u>Sijie Song</u> Printed Name in English	<u>宋思捷</u> Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

MS Docket No.: 361423.01

I Junliang Xing ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "NEURAL NETWORK-BASED ACTION DETECTION" ("APPLICATION"), which:

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	<u>2017-1-12</u>
Inventor's Signature	Date
<u>Junliang Xing</u>	<u>兴军亮</u>
Printed Name in English	Printed Name in Native Language (if other than English)