

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT3809470

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JIANSU CHEN	03/22/2016
LI DENG	03/29/2016
JIANFENG GAO	03/22/2016
XIAODONG HE	03/22/2016
JI HE	03/22/2016
MARI OSTENDORF	03/27/2016
RECEIVING PARTY DATA	
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Street Address:	ONE MICROSOFT WAY
City:	REDMOND
State/Country:	WASHINGTON
Postal Code:	98052
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15084113
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Fax Number:	(509)323-8979
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ATTORNEY DOCKET NUMBER:	MS1-6423US
NAME OF SUBMITTER:	JANETTE ABERNATHY
SIGNATURE:	/Janette Abernathy/
DATE SIGNED:	03/31/2016

Total Attachments: 12

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I Jianshu Chen ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled

MULTIPLE-ACTION COMPUTATIONAL MODEL TRAINING AND OPERATION

("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 March 29, 2016 and given Application No. 15/084,113 by the following Office US – United States Patent and Trademark Office) this APPLICATION's Application No., filing date, and Office, when known;

☐ was filed on _____ and was given Application No. _____ by the following Office US – United States Patent and Trademark 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"));

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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).

	03/22/2016
Inventor's Signature	Date
Jianshu Chen	陈建树
Printed Name in English	Printed Name in Native Language (if other than English)

I Li Deng ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled

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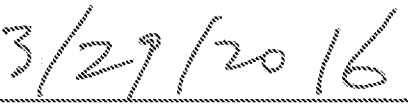
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Inventor's Signature	Date
Li Deng	
Printed Name in English	Printed Name in Native Language (if other than English)

I Jianfeng Gao ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled

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	3/22/2016
Inventor's Signature	Date
Jianfeng Gao	高剑峰
Printed Name in English	Printed Name in Native Language (if other than English)

I Xiaodong He ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled

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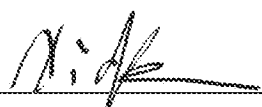
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	3/22/2016
Inventor's Signature	Date
Xiaodong He	何晓冬
Printed Name in English	Printed Name in Native Language (if other than English)

I Ji He ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled

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<u>Ji He</u>	<u>Mar. 22, 2016</u>
Inventor's Signature	Date
<u>Ji He</u>	<u>何</u>
Printed Name in English	Printed Name in Native Language (if other than English)

I Mari Ostendorf ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled

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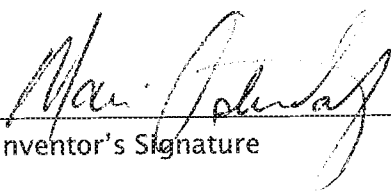
PATENT ASSIGNMENT

MS Docket No.: 359128.01

Attorney Docket No.: MS1- 6423US

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 Inventor's Signature	<u>27 March '16</u> Date
Mari Ostendorf Printed Name in English	 Printed Name in Native Language (if other than English)