

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
PAN WU	07/11/2018
MEREDITH A JONES	07/09/2018
SALLY LIMB	06/29/2018
QI CHEN	07/13/2018
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<b>Postal Code:</b>	98052
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16020965
<b>CORRESPONDENCE DATA</b>	
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<b>SIGNATURE:</b>	/ChristineEOrich#44987/
<b>DATE SIGNED:</b>	07/25/2018
<b>Total Attachments: 4</b>	
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I PAN WU, MEREDITH A. JONES, SALLY LIMB and QI CHEN ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "INFERENCE-BASED COMPUTATIONAL ALIGNMENT OF DATA SETS" ("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 June 27, 2018 and was given Application No. 16/020,965 by the following Office "US - United States Patent and Trademark Office";


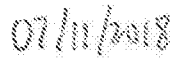
Microsoft Technology Licensing, LLC, a Washington limited liability company, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (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"));

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

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).

	
_____ Inventor's Signature	_____ Date
PAN WU _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)


_____ Inventor's Signature	_____ Date
MEREDITH A. JONES _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)


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).

_____ Inventor's Signature	_____ Date
PAN WU	
_____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

<i>Meredith A. Jones</i> _____ Inventor's Signature	7-9-18 _____ Date
MEREDITH A. JONES	
_____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

 Inventor's Signature	<u>6/29/18</u> Date
<u>SALLY LIMB</u> Printed Name in English	 Printed Name in Native Language (if other than English)

 Inventor's Signature	<u>7/13/18</u> Date
<u>QI CHEN</u> Printed Name in English	 Printed Name in Native Language (if other than English)