

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4709235

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JUSTIN ORMONT	11/22/2017
SARTHAK SHAH	08/29/2017
YUNLING WANG	09/27/2017
AIDAN C. CROOK	08/29/2017
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City:	REDMOND
State/Country:	WASHINGTON
Postal Code:	98052
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15688739
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ATTORNEY DOCKET NUMBER:	402600-US-NP
NAME OF SUBMITTER:	NOEMI TOVAR
SIGNATURE:	/NOEMI TOVAR/
DATE SIGNED:	11/29/2017
Total Attachments: 8	
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I Sarthak SHAH ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "MACHINE LEARNING FOR AUTOMATED MODEL GENERATION WITH CONSTRAINTS" ("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 "US - United States Patent and Trademark Office"; this APPLICATION's Application No., filing date, and Office, when known;

☒ was filed on August 28, 2017 and was given Application No. 15688739 by the following Office "US - United States Patent and Trademark Office";

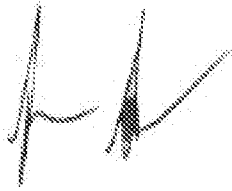
Microsoft Technology Licensing, LLC, a Washington limited liability company, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION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

	8/29/2017
_____ Inventor's Signature	_____ Date
Sarthak SHAH	
_____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

I Yunling WANG ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "MACHINE LEARNING FOR AUTOMATED MODEL GENERATION WITH CONSTRAINTS" ("APPLICATION"), which:

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	<u>9/27/2017</u>
Inventor's Signature	Date
<u>Yunling WANG</u>	<u>汪韵凌</u>
Printed Name in English	Printed Name in Native Language (if other than English)

I Aidan C. CROOK ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "MACHINE LEARNING FOR AUTOMATED MODEL GENERATION WITH CONSTRAINTS" ("APPLICATION"), which:

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PATENT ASSIGNMENT

Docket No.: 402600.01

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	<u>8/29/2017</u>
Inventor's Signature	Date
Aidan C. CROOK	
Printed Name in English	Printed Name in Native Language (if other than English)

I Justin ORMONT ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "MACHINE LEARNING FOR AUTOMATED MODEL GENERATION WITH CONSTRAINTS" ("APPLICATION"), which:

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 _____ Inventor's Signature	<u>11/22/2017</u> _____ Date
<u>Justin ORMONT</u> _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)