PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7569325

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TIMOTHY JAMES CHAPMAN	07/29/2022
STEVE K. LIM	07/29/2022
XIAOYAN LIU	07/29/2022
MARC MAS MEZQUITA	07/29/2022
LEVENT OZGUR	07/29/2022
KASHYAP MAHESHKUMAR PATEL	07/29/2022
TAYLOR PAUL SPANGLER	07/29/2022

RECEIVING PARTY DATA

Name:	MICROSOFT TECHNOLOGY LICENSING, LLC,
Street Address:	ONE MICROSOFT WAY
City:	REDMOND
State/Country:	WASHINGTON
Postal Code:	98052

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17854640

CORRESPONDENCE DATA

Fax Number: (816)421-5547

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Email:drule@shb.com, IPDocket@shb.comCorrespondent Name:SHOOK HARDY & BACON LLPAddress Line 1:2555 GRAND BOULEVARD

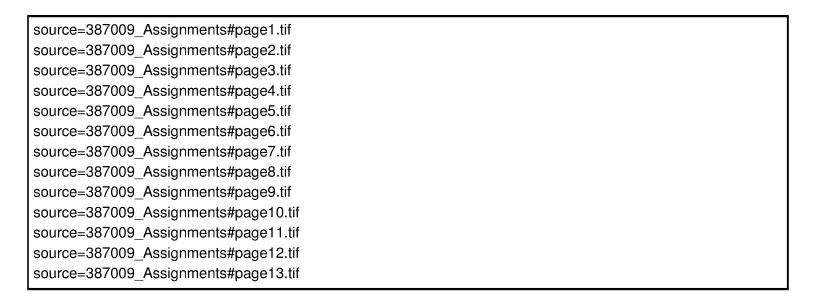
Address Line 4: KANSAS CITY, MISSOURI 64108

NAME OF SUBMITTER: JASON O. HOWARD	
SIGNATURE: /JASON O. HOWARD/	
DATE SIGNED: 09/30/2022	

Total Attachments: 13

PATENT REEL: 061277 FRAME: 0694

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PATENT REEL: 061277 FRAME: 0695

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).

Tembo Jones Una	7-29-2022
Inventor's Signature	Date
Timothy James CHAPMAN	
Printed Name in English	Printed Name in Native Language
	(if other than English)

of subject ma	itter ("INVENTION")	disclosed and/or claimed i	or or an original joint inventor n a patent application entitled <u>LEARNING</u> " ("APPLICATION"),
	ASSIGNEE'S legal re Grand Blvd., Kansa REPRESENTATIVES) and given Applicat	ASSIGNOR hereby authorepresentative, Shook, Hardes City, Missouri 64108–26, to insert here in particular No l	ly & Bacon L.L.P., 2555 613 (ASSIGNEE'S LEGAL arentheses (filed on by the following Office
		<u>80, 2022</u> and was given Ap he following Office " <u>US – I</u> fice <u>"</u> ;	
behalf of itse of acquiring, priority, in th derived there	If and its successors the entire and exceeded the invention and the invention as contacts.	s and assigns ("ASSIGNEE"), clusive rights, title and in he APPLICATION (and all o tinuing applications, in wh	limited liability company, on is entitled to, and is desirous terest, including the right of ther applications and patents tole or in part, in and for the PLICATION DERIVATIVES"));
to insert the	<u>-</u>	iling date, and Office into	EE'S LEGAL REPRESENTATIVES the following table for any
Application 63/341,791		Filing Date 05/13/2022	Office USPTO

4892-6669-7260 v1

PATENT REEL: 061277 FRAME: 0697

;		

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Inventor's Signature

Steve K. LIM

Printed Name in English

Date .

Printed Name in Native Language

(if other than English)

Xiaoyan LIU ("ASSIGNOR") am the original inventor or an original joint inventor
of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled
"AUTOMATED SOFTWARE TESTING WITH REINFORCEMENT LEARNING" ("APPLICATION"),
which:
will be filed. ASSIGNOR hereby authorizes, and requests,
ASSIGNEE'S legal representative, Shook, Hardy & Bacon L.L.P., 2555
Grand Blvd., Kansas City, Missouri 64108-2613 (ASSIGNEE'S LEGAL
REPRESENTATIVES), to insert here in parentheses (filed on
and given Application No
) this APPLICATION's Application No., filing date, and Office, when
known;
was filed on June 30, 2022 and was given Application No
17/854,640 by the following Office "US - United States Patent
and Trademark Office";
and the second s
Microsoft Technology Licensing, LLC, a Washington limited liability company, or
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"));
ACCIONETIC LECAL DEDBECENITATINES
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;
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Application No.	Filing Date	Office	
Application No. 63/341,791	05/13/2022	USPTO	

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Xial J	07/29/2022
Inventor's Signature	Date
Xiaoyan LIU	
Printed Name in English	Printed Name in Native Language
	(if other than English)

I <u>Marc Mas McZQUITA</u> (ASSIGNOK) am the original inventor or an original join			
inventor of subject matter ("INVENTION") disclosed and/or claimed in a paten			
application entitled "AUTOMATED SOFTWARE TESTING WITH REINFORCEMENT			
<u>LEARNING</u> " ("APPLICATION"), which:			
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Inventor's Signature

Marc Mas MEZQUITA

Printed Name in English

07/29/2022

Date

Marc Mezquita Mcs

Printed Name in Native Language

(if other than English)

inventor of application	subject matter ('	'INVENTION") disclosed a ATED SOFTWARE TEST	inventor or an original join and/or claimed in a paten ING WITH REINFORCEMENT
	ASSIGNEE'S legal re Grand Blvd., Kansa REPRESENTATIVES) and given Applicat	ASSIGNOR hereby authorepresentative, Shook, Hards City, Missouri 64108-2, to insert here in particular No	dy & Bacon L.L.P., 2555 613 (ASSIGNEE'S LEGAL parentheses (filed on by the following Office
		10, 2022 and was given Aphe following Office " <u>US –</u> fice <u>"</u> ;	
behalf of itse of acquiring, priority, in th derived there United States	If and its successors the entire and exe ne INVENTION and t efrom, such as cont tilts, its territories, and	s and assigns ("ASSIGNEE") clusive rights, title and ir he APPLICATION (and all c cinuing applications, in wl l all foreign countries ("AP	n limited liability company, on , is entitled to, and is desirous terest, including the right of other applications and patents nole or in part, in and for the PLICATION DERIVATIVES"));
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63/341,791		05/13/2022	USPTO
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48mm	07,29-2022
Inventor's Signature	Date
Levent OZGUR	Levent OZEUP
Printed Name in English	Printed Name in Native Language

(if other than English)

PATENT ASSIGNMENT

I <u>Kashyap Maheshkumar PATEL</u> ("ASSIGNOR") am the original inventor or an
original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a
patent application entitled "AUTOMATED SOFTWARE TESTING WITH REINFORCEMENT
<u>LEARNING</u> " ("APPLICATION"), which:
will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representative, Shook, Hardy & Bacon L.L.P., 2555 Grand Blvd., Kansas City, Missouri 64108–2613 (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;
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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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Investor's Signature

Kashyap Maheshkumar PATEL

Printed Name in English

07/29/2022

Date

Printed Name in Native Language (if other than English)

Page 2 of 2

I $\underline{\hspace{0.1cm}}$ Taylor Paul SPANGLER ("ASSIGNOR") am the original inventor or an original joint
inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent
application entitled " <u>AUTOMATED SOFTWARE TESTING WITH REINFORCEMENT</u>
<u>LEARNING</u> " ("APPLICATION"), which:
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Inventor's Signature

Taylor Paul SPANGLER

Printed Name in English

Date

Printed Name in Native Language (if other than English)

Page 2 of 2