### 505179208 11/07/2018

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

c Version v1.1 EPAS ID: PAT5225976

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
MICHAEL JOHN EBSTYNE	08/07/2018
PEDRO URBINA ESCOS	10/15/2018
STEPHEN MICHELOTTI	08/08/2018
EMANUEL SHALEV	08/07/2018
KAMRAN ZARGAHI	08/22/2018

#### 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:	15995119

### **CORRESPONDENCE DATA**

Fax Number:

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.

Phone: 2063447626 Email: ttran@shb.com

Correspondent Name: SHOOK, HARDY & BACON

**Address Line 1:** 701 5TH AVE #6800

Address Line 4: SEATTLE, WASHINGTON 98104

<b>ATTORNEY DOCKET NUMBER:</b> 404482-US-NP/28841.295713	
NAME OF SUBMITTER:	THIEN TRAN
SIGNATURE:	/Thien Tran/
DATE SIGNED:	11/07/2018

**Total Attachments: 10** 

source=295714\_Assignment#page1.tif

PATENT REEL: 047435 FRAME: 0566

505179208

source=295714_Assignment#page2.tif	
source=295714_Assignment#page3.tif	
source=295714_Assignment#page4.tif	
source=295714_Assignment#page5.tif	
source=295714_Assignment#page6.tif	
source=295714_Assignment#page7.tif	
source=295714_Assignment#page8.tif	
source=295714_Assignment#page9.tif	
source=295714_Assignment#page10.tif	

PATENT REEL: 047435 FRAME: 0567

I <u>Michael John EBSTYNE</u> joint inventor of subject matte application entitled " <u>DISTRIBUT</u> <u>SERVICE FEEDBACK LOOP ENGIN</u>	er ("INVENTION") disclose ED COMPUTING SYSTEM V	<u>VITH A SYNTHETIC DATA AS A</u>
Grand Blvd., Kans REPRESENTATIVES on No. Office	and by	rdy & Bacon L.L.P., 2555 2613 (ASSIGNEE'S LEGAL n parentheses (filed given Application the following ) this APPLICATION's
	31, 2018 and was given A <sub>l</sub> by the following Office " <u>U</u> ffice_";	
Microsoft Technology Lid behalf of itself and its success desirous of acquiring, the entite right of priority, in the INVENTI- patents derived therefrom, success for the United States, its to DERIVATIVES"));	ssors and assigns ("ASSIO re and exclusive rights, ti ON and the APPLICATION h as continuing applicatio	tle and interest, including the (and all other applications and ons, in whole or in part, in and
ASSIGNOR hereby REPRESENTATIVES to insert the following table for any APPLICA	he Application No., filin	•
Application No.	Filing Date	Office

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

Michael John EBSTYNE

Printed Name in English

Printed Name in Native Language
(if other than English)

inventor of application e	subject matter i entitled " <u>DISTRIBU</u> ]	("INVENTION") discl	osed and/or <u>TEM WITH A</u>	ntor or an original joint claimed in a patent SYNTHETIC DATA AS A
	ASSIGNEE'S legal Grand Blvd., Kans REPRESENTATIVES on No. Office Application No., f		k, Hardy & Ba 108–2613 (A re in par I given the ) this e, when know	scon L.L.P., 2555 SSIGNEE'S LEGAL entheses (filed Application following APPLICATION's n;
		by the following Of		
behalf of its desirous of a right of prior patents deriv	elf and its succe acquiring, the enti ity, in the INVENTI red therefrom, suc ted States, its	ssors and assigns re and exclusive rig ON and the APPLICA h as continuing app	("ASSIGNEE"), hts, title and TION (and all lications, in v	ed liability company, on is entitled to, and is interest, including the other applications and whole or in part, in and untries ("APPLICATION"
	TIVES to insert t	authorizes, and he Application No. TION DERIVATIVES a		, and Office into the
Application N		Filing Date	Office	<b>(</b>

Inventor's Signature	10/15/2018 Date
Pedro Urbina ESCOS	
Printed Name in English	Printed Name in Native Language
	(if other than English)

joint invento application e	r of subject matt	er ("INVENTION" <u>ED COMPUTING</u>	) disclosed and/ SYSTEM WITH A	inventor or an original or claimed in a patent SYNTHETIC DATA AS A
	No	representative, S as City, Missour i), to insert	hook, Hardy & Ba i 64108–2613 (A here in par and given by the ) this	acon L.L.P., 2555 SSIGNEE'S LEGAL entheses (filed Application following APPLICATION's
×	was filed on <u>May</u> No <u>15/995,119</u> and Trademark O	by the following		
behalf of its desirous of a right of prior patents deriv	elf and its succe acquiring, the enti- ity, in the INVENTI ved therefrom, suc- ited States, its	ssors and assigned and exclusive ON and the APP in the	ins ("ASSIGNEE"), rights, title and LICATION (and al applications, in v	ed liability company, on is entitled to, and is I interest, including the I other applications and whole or in part, in and untries ("APPLICATION
		he Application	No., filing date	ASSIGNEE'S LEGAL  and Office into the known:
Application h	***************************************	Filing Date	Office	3

<u> </u>	 	
		:
		-

Step L. Michalisto	8/8/19
Inventor's Signature	Date
Stephen MICHELOTTI	
Printed Name in English	Printed Name in Native Language
	(if other than English)

I <u>Emanuel SHALEV</u> ("	ASSIGNOR") am the origi	nal inventor or an original join
		and/or claimed in a patent
		WITH A SYNTHETIC DATA AS A
SERVICE FEEDBACK LOOP ENG	<u>INE</u> " ("APPLICATION"), whi	ch:
M will be filed	ACCICAION LL	4h
		thorizes, and requests,
		ardy & Bacon L.L.P., 2555
REPRESENTATIVE		-2613 (ASSIGNEE'S LEGAL
ers en		in parentheses (filed
No		given Application the following
		the following ) this APPLICATION's
· · · · · · · · · · · · · · · · · · ·	filing date, and Office, wh	
• •		· · · · · · · · · · · · · · · · · · ·
🛛 was filed on May	<u>31, 2018</u> and was given .	Application
		US – United States Patent
and Trademark (		<del>az amica maica i acem</del>
behalf of itself and its succe desirous of acquiring, the ent right of priority, in the INVENT patents derived therefrom, suc	essors and assigns ("ASS ire and exclusive rights, ION and the APPLICATION th as continuing applicati	on limited liability company, on IGNEE"), is entitled to, and is title and interest, including the I (and all other applications and ons, in whole or in part, in and eign countries ("APPLICATION
ACCICALON I. I		
ASSIGNOR hereby		luests, ASSIGNEE'S LEGAL
		ng date, and Office into the
following table for any APPLICA Application No.	Filing Date	
322516600511100	i inny vate	Office

55.00	 00000000000000000000000000000000000000	<u> </u>	
Ì			
1			

69	8/7/2018	
Inventor's Signature	Date	
Emanuel SHALEV		
Printed Name in English	Printed Name in Native Language	
	(if other than English)	

1 <u>Ka</u>	<u>mran ZARGAHI</u> (",	ASSIGNOR") am th	e original inve	ntor or an original joint
inventor o	f subject matter	("INVENTION") dis	closed and/or	r claimed in a patent
application	entitled "DISTRIBU"	TED COMPUTING S	YSTEM WITH A	<u>SYNTHETIC DATA AS A</u>
SERVICE FEI	<u>EDBACK LOOP ENGI</u>	<u>NE</u> " ("APPLICATION	"), which:	
С	] will be filed.	ASSIGNOR herel	by authorizes	, and requests,
	ASSIGNEE'S legal	representative, Sh	ook, Hardy & B	acon L.L.P., 2555
	Grand Blvd., Kan	sas City, Missouri (	54108-2613 (A	SSIGNEE'S LEGAL
	REPRESENTATIVE	S), to insert	here in pai	rentheses (filed
	on		nd given	Application
	No		by the	following
	Office			APPLICATION's
		filing date, and Off		
灰	was filed on May	31 2018 and was	niven Annlicat	ion
****		by the following (		
	and Trademark C		niire <del>na nii</del>	ileu Bidies Paleiii
	and mademark c	/!!!!!.C ,		
behalf of i desirous of right of pric patents der	tself and its succe acquiring, the ent brity, in the INVENT ived therefrom, suc nited States, its	essors and assign ire and exclusive i ION and the APPLIC th as continuing a	s ("ASSIGNEE") rights, title and EATION (and al oplications, in	ed liability company, on, is entitled to, and is dinterest, including the lighter applications and whole or in part, in and puntries ("APPLICATION
REPRESENTA	GNOR hereby ATIVES to insert to able for any APPLIC/	the Application N	o., filing date	ASSIGNEE'S LEGAL  and Office into the
Application		Filing Date	Office	3
· version of the book of the first	F V W B	V CROCKED DO NO NO NO	North 6 B to 5	0
		<b>†</b>	····	***************************************

Homen Zylli	8 122   2018
Inventor's Signature	Date
Kamran ZARGAHI	
Printed Name in English	Printed Name in Native Language
	(if other than English)