#### 505748215 10/30/2019

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5795028

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
MARK ALISTAIR WILSON-THOMAS	10/15/2019
GUSTAVO ARAUJO SOARES	10/28/2019
PETER GROENEWEGEN	10/25/2019
JONATHAN PRESTON CARTER	10/29/2019
GERMAN DAVID OBANDO CHACON	10/25/2019

### 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:	16667604

# **CORRESPONDENCE DATA**

Fax Number: (801)328-1707

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.

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Email: usdocket@microsoft.com,dso@wnlaw.com **Correspondent Name:** WORKMAN NYDEGGER/MICROSOFT Address Line 1: 60 E. SOUTH TEMPLE, SUITE 1000 Address Line 4: SALT LAKE CITY, UTAH 84111

ATTORNEY DOCKET NUMBER:	13768.3810
NAME OF SUBMITTER:	ADRIAN J. LEE
SIGNATURE:	/Adrian J. Lee, Reg.# 42785/
DATE SIGNED:	10/30/2019

**Total Attachments: 10** 

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**PATENT** REEL: 050861 FRAME: 0256

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PATENT REEL: 050861 FRAME: 0257

MS Docket No.:<u>407578-US-NP</u>

WN Docket No.: <u>13768,3810</u>

I <u>Mark Ali</u>	stair WIL	SON-T	<u>HOMAS</u> ("AS	SIGNOR'	) am the	original inve	ntor or
an original joint inv	entor of s	ubject i	matter ("INVEN	TION")	disclosed a	and/or claim	ed in a
patent application	entitled	"RULES	GENERATION	USING	LEARNED	REPETITIVE	CODE
<u>EDITS</u> " ("APPLICATIO	DN"), whic	:h:					

$\boxtimes$	will be filed.	ASSIGNOR h	ereby autho	orizes, and	requests,
	ASSIGNEE'S legal	epresentative	, Microsoft	Technology	Licensing,
	LLC., One Micr	osoft Way,	Redmond,	Washingto	on 98052
	(ASSIGNEE'S LEG	AL REPRESE	NTATIVES),	to insert	here in
	parentheses (filed			•	
	No. 16/667604	$\_$ by the fol	lowing Offic	ce <u>US – Un</u>	ited States
	Patent and Traden	nark Office) th	is APPLICAT	ΓΙΟΝ's Appli	cation No.,
	filing date, and Off	ice, when kno	wn;		

was filed on	and was given Application	è
No by the	following Office	
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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")):

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
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PATENT ASSIGNMENT	MS Docket No.:407578-US-NP
<u></u>	WN Docket No.: <u>13768.3810</u>

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1111	1500056C 2019		
Inventor's Signature	Date		
Mark Alistair WILSON-THOMAS			
Printed Name in English	Printed Name in Native Language		
	(if other than English)		

MS Docket No.:407578-US-NP

		WN Docket No.: <u>13768.3810</u>
I <u>Gustavo ARAUJO</u> original joint inventor of subjection entitled "REDITS" ("APPLICATION"), which:	ect matter ("INVENTION") ULES GENERATION USING	
ASSIGNEE'S legal LLC., One Mic (ASSIGNEE'S LEC parentheses (filed No. 16/667604 Patent and Trade	ASSIGNOR hereby authorepresentative, Microsoft rosoft Way, Redmond, GAL REPRESENTATIVES), don October 29, 2019 by the following Offmark Office) this APPLICA ffice, when known;	Technology Licensing, Washington 98052 to insert here in and given Application ice <u>US – United States</u>
No	and was given by the following Office ";	
Microsoft Technology Lid behalf of itself and its succe desirous of acquiring, the enti- right of priority, in the INVENTI patents derived therefrom, suc- for the United States, its to DERIVATIVES"));	ssors and assigns ("ASSI re and exclusive rights, ti ON and the APPLICATION h as continuing applicatio	tle and interest, including the (and all other applications and ns, in whole or in part, in and
ASSIGNOR hereby REPRESENTATIVES to insert the following table for any APPLICA	ne Application No., filin	
Application No.	Filing Date	Office
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Gulon Anth Sours	10-28-19
Inventor's Signature	Date
Gustavo ARAUJO SOARES	
Printed Name in English	Printed Name in Native Language (if other than English)

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MS Docket No.: <u>407578-US-NP</u> WN Docket No.: <u>13768,3810</u>

I <u>Peter GROENEWEGEN</u> ("ASSIGNOR") am the origi	nal inventor or an original
joint inventor of subject matter ("INVENTION") disclosed ar	nd/or claimed in a patent
application entitled "RULES GENERATION USING LEARNED	REPETITIVE CODE EDITS"
("APPLICATION"), which:	

X	will be	filed.	<b>ASSIGNOR</b>	hereby	author	izes, an	d reque	sts,
	ASSIGNEE	E'S legal	representa	tive, Micr	osoft T	echnolog	y Licensi	ing,
	LLC., O	ne Mic	rosoft Wa	y, Redr	nond,	Washing	ton 98(	<b>)52</b>
	(ASSIGNE	E'S LEC	AL REPRE	SENTATI	VES), 1	to inser	t here	in
			on Octob					
	No. $16/6$	67604	by the	following	Office	<u> US - U</u>	nited Sta	<u>ites</u>
	Patent ar	ıd Trader	<u>nark Office</u>	) this API	PLICATI	ON's App	lication N	٧o.,
	filing dat	e, and Of	fice, when	known;				

was filed on	and was given Application
No	by the following Office
ff.	ot ,

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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Application No.	Filing Date	Office
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PATENT ASSIGNMENT	MS Docket No.:407578-US-NP
	WN Docket No.: <u>13768,3810</u>

Peter GROENEWEGEN	
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MS Docket No.: <u>407578-US-NP</u> WN Docket No.: 13768 3810

			WN Docket No.: <u>13768.381</u>
original join patent appli	t inventor of subj	ect matter ("INVENTION") RULES GENERATION USIN	m the original inventor or a disclosed and/or claimed in G LEARNED REPETITIVE COD
**	ASSIGNEE'S legal LLC., One Mic (ASSIGNEE'S LE parentheses (file No. 16/667604 Patent and Trade	ASSIGNOR hereby authorepresentative, Microsoft crosoft Way, Redmond GAL REPRESENTATIVES), and on October 29, 2019 by the following Offemark Office) this APPLICA office, when known;	t Technology Licensing, , Washington 98052 to insert here in and given Application ice <u>US – United States</u>
		and was given by the following Offic ";	
behalf of its desirous of a right of prior patents deriv	elf and its succe acquiring, the enti ity, in the INVENT red therefrom, suc ted States, its	essors and assigns ("ASSI ire and exclusive rights, ti ION and the APPLICATION th as continuing application	in limited liability company, or GNEE"), is entitled to, and it the and interest, including the (and all other applications and ins, in whole or in part, in and ign countries ("APPLICATION
			uests, ASSIGNEE'S LEGAI g date, and Office into the
		ATION DERIVATIVES after the	
Application N	10.	Filing Date	Office

PATENT ASSIGNMENT	MS Docket No.: <u>407578-US-NP</u>
	WN Docket No.: <u>13768.3810</u>
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Intho Ed	10/29/19
Inventor's Signature	Date
Jonathan Preston CARTER	
Printed Name in English	Printed Name in Native Language
	(if other than English)

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MS Docket No.: <u>407578-US-NP</u> WN Docket No.: <u>13768.3810</u>

I <u>German David OBANDO CHACON</u> ("ASSIGNOR") am the original inver	itor
or an original joint inventor of subject matter ("INVENTION") disclosed and/or claim	ned
in a patent application entitled "RULES GENERATION USING LEARNED REPETITIVE CO	DE
EDITS" ("APPLICATION"), which:	

$\boxtimes$	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 October 29, 2019 and given Application
	No. 16/667604 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
16	n,

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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Page 1 of 2

PATENT ASSIGNMENT	MS Docket No.: <u>407578-US-NP</u>
	WN Docket No.: <u>13768.3810</u>

German David Obando Cheen	Ochler 25# 2019
Inventor's Signature	Date
German David OBANDO CHACON	
Printed Name in English	Printed Name in Native Language
	(if other than English)