506461934 01/21/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

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EPAS ID: PAT6508710

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LESLIE YVETTE RICHARDSON	02/22/2019
JACKSON MICHAEL DAVIS	02/21/2019
DEL MYERS	02/22/2019
THOMAS LAI	02/25/2019
ANDREW R. STERLAND	02/22/2019
JORDI MOLA	02/25/2019
JAMES M. PINKERTON	02/25/2019

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:	17154853

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.

Phone: 801-533-9800

Email:usdocket@microsoft.com,dso@wnlaw.comCorrespondent Name:WORKMAN NYDEGGER/MICROSOFT

Address Line 1: 60 EAST SOUTH TEMPLE

Address Line 2: SUITE 1000

Address Line 4: SALT LAKE CITY, UTAH 84111

ATTORNEY DOCKET NUMBER:	13768.3690.1
NAME OF SUBMITTER:	LYNNE WANG
SIGNATURE:	/LYNNE WANG/
DATE SIGNED:	01/21/2021

506461934 PATENT REEL: 054990 FRAME: 0147

Total Attachments: 14 source=13768-3690-1_Assignment-#page1.tif source=13768-3690-1_Assignment-#page2.tif source=13768-3690-1_Assignment-#page3.tif source=13768-3690-1_Assignment-#page4.tif source=13768-3690-1_Assignment-#page5.tif source=13768-3690-1_Assignment-#page6.tif source=13768-3690-1_Assignment-#page7.tif source=13768-3690-1_Assignment-#page8.tif source=13768-3690-1_Assignment-#page9.tif source=13768-3690-1_Assignment-#page10.tif source=13768-3690-1_Assignment-#page11.tif source=13768-3690-1_Assignment-#page12.tif source=13768-3690-1_Assignment-#page13.tif source=13768-3690-1_Assignment-#page13.tif source=13768-3690-1_Assignment-#page14.tif

PATENT REEL: 054990 FRAME: 0148

WN Docket No.: 13768.3690

I <u>Leslie Yvette RICHARDSON</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>AUTOMATIC SOFTWARE BEHAVIOR IDENTIFICATION USING EXECUTION RECORD</u>" ("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 February 25, 2019 and given Application
	No. 16/284913 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
u	и.

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")):

Application No.	Filing Date	Office	
17/154853	01/21/2021	USPTO	
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Page 1 of 2

	WN Docket No.: 13768.3690

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")):

Listi Rich	2/22/1
Inventor's Signature	Date
Leslie Yvette RICHARDSON	
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT ASSIGNMENT

MS Docket No.: 405867-US-NP

WN Docket No.: 13768.3690

I <u>Jackson Michael DAVIS</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>AUTOMATIC SOFTWARE BEHAVIOR IDENTIFICATION USING EXECUTION RECORD</u>" ("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
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	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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Page 1 of 2

	WN Docket No.: 13768.3690
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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"));

nyentor's Signature	2 /2। 2 a/4 Date	
Jackson Michael DAVIS	Ď.	
Printed Name in English	Printed Name in Native Language	
	(if other than English)	

WN Docket No.: 13768,3690

I <u>Del MYERS</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>AUTOMATIC SOFTWARE BEHAVIOR IDENTIFICATION USING EXECUTION RECORD</u>" ("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
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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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	WN Docket No.: <u>13768.3690</u>

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"));

<i>&amp;</i>	2/22/2019
Inventor's Signature	Date
Del MYERS	
Printed Name in English	Printed Name in Native Language
	(if other than English)

WN Docket No.: 13768.3690

I Thomas LA! ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "AUTOMATIC SOFTWARE BEHAVIOR IDENTIFICATION USING EXECUTION RECORD_" ("APPLICATION"), which:

$\boxtimes$	will be filed. ASSIGNOR hereby authorizes, and requests	,
	ASSIGNEE'S legal representative, Microsoft Technology Licensing	ļ,
	LLC., One Microsoft Way, Redmond, Washington 9805	2
	(ASSIGNEE'S LEGAL REPRESENTATIVES), to Insert here i	n
	parentheses (filed on February 25, 2019 and given Application	n
	No. 16/284913 by the following Office US - United State	Ş
	Patent and Trademark Office) this APPLICATION's Application No	- g
	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"));

Application No.	Filing Date	Office
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Page 1 of 2

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			WN Docket No.: 13768.369	(

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DATENIT ACCIONINAENIT

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"));

	2/25/2019
Inventor's Signature	Date
Thomas LAI Printed Name in English	Printed Name In Native Language (If other than English)

WN Docket No.: <u>13768.3690</u>

I Andrew R. STERLAND ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "AUTOMATIC SOFTWARE BEHAVIOR IDENTIFICATION USING EXECUTION RECORD " ("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
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was filed on	and was given Application
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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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	WN Docket No.: <u>13768,3690</u>
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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"));

_Ast_	2/22/2019
Inventor's Signature	Date
Andrew R. STERLAND	
Printed Name in English	Printed Name in Native Language
	(if other than English)

WN Docket No.: 13768.3690

I Jordi MOLA ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "AUTOMATIC SOFTWARE BEHAVIOR IDENTIFICATION USING EXECUTION RECORD " ("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
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	Patent and Trademark Office) this APPLICATION's Application No.,
	filing date, and Office, when known;

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Application No.	Filing Date	Office	
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Page 1 of 2

PATENT ASSIGNMENT	MS Docket No.: <u>405867-US-NP</u>		
	WN Docket No.: 13768.3690		

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")):

Qordi Mola	2/25/2019
Inventor's Signature	Date
Jordi MOLA	
Printed Name in English	Printed Name in Native Language
	(if other than English)

WN Docket No.: 13768.3690

I James M. PINKERTON ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "AUTOMATIC SOFTWARE BEHAVIOR IDENTIFICATION USING <u>EXECUTION RECORD</u> " ("APPLICATION"), which:

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	ASSIG	NEE'S le	gal repres	entative	, Micro	soft Tecl	nnology	Licensir	ıg,
	LLC.,	One	Microsoft	Way,	Redmo	ond, Wa	ashingto	n 980	52
	(ASSIG	NEE'S	LEGAL R	EPRESEN	ITATIVE	S), to	insert	here	in
	paren	theses (	filed on $_$	February	<u>/ 25, 20</u>	<u>19</u> and	given A	Applicati	on
	No	16/2849	13 by	the foll	lowing	Office <u>U</u>	<u>S Uni</u>	ted Stat	tes
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17/154853	01/21/2021	USPTO	
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Page 1 of 2

<b>PATENT</b>	ASSIGNIN	<b>ÆNT</b>
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	WN Docket No.: 13768.3690

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James M Pinkerton	02/25/2019
Inventor's Signature	Date
James M. PINKERTON	
Printed Name in English	Printed Name in Native Language
	(if other than English)