503787315 04/18/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3833961

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
	Corrective Assignment to correct the NAME OF CONVEYING PARTY DANIEL "ANON" previously recorded on Reel 038271 Frame 0067. Assignor(s) hereby confirms the CONVEYING PARTY TO DANIEL ALON.

CONVEYING PARTY DATA

Name	Execution Date
HANI NEUVIRTH-TELEM	04/10/2016
AMIT HILBUCH	04/11/2016
SHAY BARUCH NAHUM	04/11/2016
YEHUDA FINKELSTEIN	04/12/2016
DANIEL ALON	04/13/2016
ELAD YOM-TOV	04/08/2016

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:	14721777

CORRESPONDENCE DATA

Fax Number: (206)359-9000

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: 2033598000

Email: usdocket@microsoft.com
Correspondent Name: PERKINS COIE LLP/MSFT

Address Line 1: P. O. BOX 1247

Address Line 4: SEATTLE, WASHINGTON 98101-1247

ATTORNEY DOCKET NUMBER:	357164.01
NAME OF SUBMITTER:	ARCELIE GRAPES
SIGNATURE:	/Arcelie Grapes/
DATE SIGNED:	04/18/2016

PATENT 503787315 REEL: 038451 FRAME: 0046

Total Attachments: 15 source=2016-04-18 Corrective Assignment#page1.tif source=2016-04-18 Corrective Assignment#page2.tif source=2016-04-18 Corrective Assignment#page3.tif source=2016-04-18 Corrective Assignment#page4.tif source=2016-04-18 Corrective Assignment#page5.tif source=2016-04-18 Corrective Assignment#page6.tif source=2016-04-18 Corrective Assignment#page7.tif source=2016-04-18 Corrective Assignment#page8.tif source=2016-04-18 Corrective Assignment#page9.tif source=2016-04-18 Corrective Assignment#page10.tif source=2016-04-18 Corrective Assignment#page11.tif source=2016-04-18 Corrective Assignment#page12.tif source=2016-04-18 Corrective Assignment#page13.tif source=2016-04-18 Corrective Assignment#page14.tif source=2016-04-18 Corrective Assignment#page15.tif

Electronic Patent Assignment System

Confirmation Receipt

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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HANI NEUVIRTH-TELEM	04/10/2016
AMIT HILBUCH	04/11/2016
SHAY BARUCH NAHUM	04/11/2016
YEHUDA FINKELSTEIN	04/12/2016
DANIEL ANON	04/13/2016
ELAD YOM-TOV	04/08/2016

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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:	14721777

CORRESPONDENCE DATA

 Fax Number:
 (206)359-9000

 Phone:
 206-583-8888

 Email:
 usdocket@microsoft.com

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.

Correspondent Name: PERKINS COIE LLP/MSFT

Address Line 1: P. O. BOX 1247

Address Line 4: SEATTLE, WASHINGTON 98111-1247

ATTORNEY DOCKET NUMBER:	357164.01
NAME OF SUBMITTER:	ARCELIE GRAPES
Signature:	/Arcelie Grapes/
Date:	04/13/2016

Total Attachments: 12

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RECEIPT INFORMATION

EPAS ID: PAT3828575 **Receipt Date**: 04/13/2016

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A. A. A.	TEM ADDICTIVITY	WIS DOCKET NO.: 35/164.01
I Hani Neuvirth-To original joint inventor of subjute patent application entitled ("APPLICATION"), which:	ect matter ("INVENTION")	
ASSIGNEE'S legal LLC., One Mic (ASSIGNEE'S LEC parentheses (file No. Office	ASSIGNOR hereby auth representative, Microsoft crosoft Way, Redmond, GAL REPRESENTATIVES), d onby	Technology Licensing, Washington 98052 to insert here in and given Application the following this APPLICATION's
No. <u>14/721</u>	26, 2015 and was given A .777 by the fol ent and Trademark Office"	lowing Office " <u>US –</u>
Microsoft Technology Libehalf of itself and its succedesirous of acquiring, the entiright of priority, in the INVENT patents derived therefrom, sucfor the United States, its DERIVATIVES"));	essors and assigns ("ASSI ire and exclusive rights, ti ION and the APPLICATION th as continuing application	itle and interest, including the (and all other applications and ons, in whole or in part, in and
ASSIGNOR hereby REPRESENTATIVES to insert t following table for any APPLICA	he Application No., filin	
Application No.	Filing Date	Office
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Page 1 of 2

41827-8076.US00/126089508.1

MS Docket No.: 357164.01

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"));

	April 10, 2016
Inventor's Signature	Date
Hani Neuvirth-Telem	חע וויבירט - העם
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT ASSIGNMENT MS Docket No.: 357164.01

1	Amit Hilbuch ("	'ASSICNOP") am tha arigin	al inventor or an original joint
inventor of	subject matter ("INVENTION") disclosed	and/or claimed in a patent
application e which:	entitled " <u>DETECTIC</u>	ON OF ABNORMAL RESOU	IRCE USAGE" ("APPLICATION"),
	ASSIGNEE'S legal LLC., One Mic (ASSIGNEE'S LEG parentheses (filed No. Office	ASSIGNOR hereby auth representative, Microsoft rosoft Way, Redmond, GAL REPRESENTATIVES), donby	Technology Licensing, Washington 98052 to insert here in and given Application the following) this APPLICATION's
\boxtimes		26, 2015 and was given A _l 77 by the following Of mark Office";	
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 ("ASSIO re and exclusive rights, ti ON and the APPLICATION h as continuing applicatio	n limited liability company, on GNEE"), is entitled to, and is tle and interest, including the (and all other applications and ns, in whole or in part, in and gn countries ("APPLICATION
	ΓIVES to insert t		uests, ASSIGNEE'S LEGAL g date, and Office into the
Application N		Filing Date	Office
ikatingi ki perunyan di angamah, yakiya ngipi haji i ilap payan ki mpandingi dapingi ingipi si pilapanaya			

Page 1 of 2

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).

	2016-04-11
Inventor's Signature	Date
Amit Hilbuch	
Printed Name in English	Printed Name in Native Language
	(if other than English)

MS Docket No.: 357164.01

	PAT	ENT ASSIGNMENT	MS Docket No.: 357164.01
original joint i	nventor of subjectation entitled	ct matter ("INVENTION")	the original inventor or an disclosed and/or claimed in a IORMAL RESOURCE USAGE
A L (/ p N	SSIGNEE'S legal LC., One Micr ASSIGNEE'S LEG Parentheses (filed lo. Office	ASSIGNOR hereby authorepresentative, Microsoft osoft Way, Redmond AL REPRESENTATIVES), onby	Technology Licensing, Washington 98052 to insert here in and given Application the following This APPLICATION's
N	lo. <u>14/721,7</u>	6, 2015 and was given A 77 by the following Trademark Office";	
behalf of itsel desirous of ac right of priorit patents derive	If and its succes quiring, the entir y, in the INVENTIO d therefrom, such ed States, its t	sors and assigns ("ASSI e and exclusive rights, t DN and the APPLICATION has continuing application	on limited liability company, or GNEE"), is entitled to, and is itle and interest, including the (and all other applications and ons, in whole or in part, in and sign countries ("APPLICATION
REPRESENTATI	VES to insert th	authorizes, and reque of the contract of the c	g date, and Office into the
Application No		Filing Date	Office

Page 1 of 2

41827-8076.US00/126089465.1

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

MS Docket No.: 357164.01

for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

	2016-04-11
Inventor's Signature	Date
Shay Baruch Nahum	<u> </u>
Printed Name in English	Printed Name in Native Language
	(if other than English)

	PA	TENT ASSIGNMENT	MS Docket No.: <u>357164.01</u>
joint invento	or of subject matt	er ("INVENTION") disclose	original inventor or an original d and/or claimed in a patent JRCE USAGE" ("APPLICATION"),
	ASSIGNEE'S legal LLC., One Mic (ASSIGNEE'S LEG parentheses (file No. Office	ASSIGNOR hereby authorepresentative, Microsoft representative, Microsoft representative, Redmond, GAL REPRESENTATIVES), and onby	Technology Licensing, Washington 98052 to insert here in and given Application the following) this APPLICATION's
		26, 2015 and was given A 77 by the following Of nark Office";	
behalf of its desirous of a right of prior patents deriv	self and its succe acquiring, the enti- ity, in the INVENTI yed therefrom, suc- ited States, its	ssors and assigns ("ASSI re and exclusive rights, ti ON and the APPLICATION h as continuing applicatio	n limited liability company, on GNEE"), is entitled to, and is tle and interest, including the (and all other applications and ons, in whole or in part, in and ign countries ("APPLICATION
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Page 1 of 2

41827-8076.US00/126089489.1

MS Docket No.: <u>357164.01</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"));

The state of the s	
Inventor's Signature	
Yehuda Finkelstein Printed Name in English	Printed Name in Native Language (If other than English)

	PATENT ASSI	GNMENT	MS Docket No.: 357164.01
inventor of subject	ct matter ("INVENTION	") disclosed ar	inventor or an original joint nd/or claimed in a patent CE USAGE" ("APPLICATION")
ASSIG LLC., (ASSIC paren No. Office	INEE'S LEGAL REPRE	cive, Microsoft 7 y, Redmond, SENTATIVES), by	Technology Licensing, Washington 98052 to insert here in and given Application the following this APPLICATION's
No	led on <u>May 26, 2015</u> an 14/721,777 I States Patent and Trac	by the follo	
behalf of itself an desirous of acquiri right of priority, in patents derived the	d its successors and ng, the entire and excl the INVENTION and the refrom, such as contin	assigns ("ASSIGI usive rights, titl APPLICATION (a uing application	limited liability company, or NEE"), is entitled to, and is e and interest, including the and all other applications and s, in whole or in part, in and in countries ("APPLICATION
REPRESENTATIVES	hereby authorizes, to insert the Applicat any APPLICATION DERIV	ion No., filing	date, and Office into the
Application No.	Filing Date		Office
	\$	i	1

Page 1 of 2

41827-8076.US00/126089496.1

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

MS Docket No.: 357164.01

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).

	4/13/16
Inventor's Signature	Date
Daniel Alon	115 X 7X:11T
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT ASSIGNMENT MS Docket No.: 357164.01 I <u>Elad Yom-Tov</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "DETECTION OF ABNORMAL RESOURCE USAGE" ("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 ______) this APPLICATION's Application No., filing date, and Office, when known: \boxtimes was filed on May 26, 2015 and was given Application No. 14/721,777 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 REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any APPLICATION DERIVATIVES after they are known;

41827-8076.US00/126089238.1

Application No.

Page 1 of 2

Filing Date

Office

MS Docket No.: 357164.01

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"));

, ,	
26- P. 38k	8 Apr. 16
Inventor's Signature	Date
Elad Yom-Tov	
Printed Name in English	Printed Name in Native Language
	(if other than English)