505299493 01/28/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5346270

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GAIL GIACOBBE	01/25/2013
IMRAN AZIZ	01/29/2013
JAVIER PORRAS LURASCHI	01/23/2013
MARCH ROGERS	01/23/2013
BENJAMIN B. GITENSTEIN	01/28/2013

RECEIVING PARTY DATA

Name: MICROSOFT CORPORATION	
Street Address: ONE MICROSOFT WAY	
City:	REDMOND
State/Country:	WASHINGTON
Postal Code:	98052

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16259284

CORRESPONDENCE DATA

Fax Number: (509)252-5002

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: 425-538-9035

Email:usdocket@microsoft.comCorrespondent Name:MICROSOFT CORPORATION

Address Line 1: ONE MICROSOFT WAY

Address Line 4: REDMOND, WASHINGTON 98052

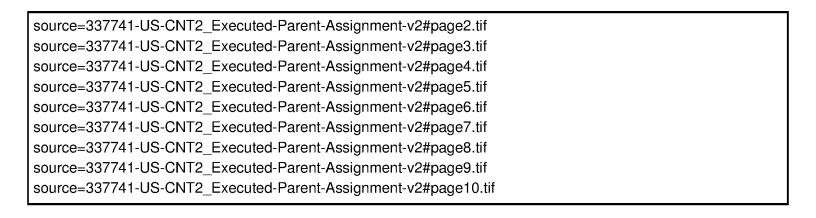
ATTORNEY DOCKET NUMBER:	337741-US-CNT[2]
NAME OF SUBMITTER:	ALEX LEA
SIGNATURE:	/alex lea/
DATE SIGNED:	01/28/2019

Total Attachments: 10

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PATENT REEL: 048157 FRAME: 0263

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PATENT REEL: 048157 FRAME: 0264

inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Activity Graphs" ("APPLICATION"), which:

| will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, 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 US - United States Patent and Trademark Office) this APPLICATION's Application No., filing date, and Office, when known;

I GAIL GIACOBBE ("ASSIGNOR") am the original inventor or an original joint

was filed on	_ and was given Application No						
by the following Office							
ш							

Microsoft Corporation, a Washington Corporation, 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 in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, 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
15/827,847	November 30, 2017	USPTO
16/259,284	January 28, 2019	USPTO

Page 1 of 2

MS Docket No.: 337741.01

MS Docket No.: <u>337741.01</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 in the INVENTION and the APPLICATION (and 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).

Javentor's Signature	1/25/13 Date
GAIL GIACOBBE	
Printed Name in English	Printed Name in Native Language
	(if other than English)

I <u>IMRAN AZIZ</u> ("ASSIGNOR") am the or	iginal in	ventor or	an	or	iginal jo	int inventor
of subject matter ("INVENTION")	disclosed	and/or	claimed	in	a	patent	application
entitled " <u>Activity Graphs</u> " ("APPLIC	ATION"), wl	hich:					

MS Docket No.: <u>337741.01</u>

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	ASSIG	GNE	E'S legal	l repre	sentati	ves, of	the Law	and C	orpor	ate A	Affairs
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	Wash	ningt	on 980	52 (AS	SIGNEE	'S LEGA	L REPRE	SENTA	TIVES), to	inser
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	State	s l	Patent	and	Trade	<u>mark</u>	Office)	this	APPL	ICAT	ION's
	Application No., filing date, and Office, when known;										
	was f	filed	on		a	ınd was	given A	pplica	tion N	0	
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MS Docket No.: 337741.01

I <u>JAVIER PORRAS LURASCHI</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>Activity Graphs</u>" ("APPLICATION"), which:

MS Docket No.: <u>337741.01</u>

X	will	be	filed.	ASSI	GNOR	hereby	autho	rizes,	and	requ	uests,	
	ASSIGNEE'S legal representatives, of the Law and Corporate Affair											
	Department, Microsoft Corporation, One Microsoft Way, Redmond											
	Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to inser										insert	
	here in parentheses (filed on01/31/2013 and gi											
	Application No13/754899 by the following Office <u>US - Unit</u>										<u> Inited</u>	
	States Patent and Trademark Office) this APPLICATION											
	Application No., filing date, and Office, when known;											
	was	filed	on		ā	ınd was g	given A	pplicat	tion N	0		
	by the following Office											
	" ":											

Microsoft Corporation, a Washington Corporation, 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 in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

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Page 1 of 2

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MS Docket No.: <u>337741.01</u>

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12 4	
27	23.01.2013
Inventor's Signature	Date
JAVIER PORRAS LURASCHI	
Printed Name in English	Printed Name in Native Language
	(if other than English)

application entitled "Activity Graphs" ("APPLICATION"), which:

\boxtimes	will	be	filed.	ASSI	GNOR	hereby	autho	rizes,	and	req	uests,
	ASSI	GNE	E'S legal	repre	sentati	ves, of t	he Law	and C	orpor	ate A	Affairs
	Depa	artm	ent, Mic	rosoft	Corpo	ration, (One Mic	rosoft	Way,	Redi	mond,
	Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert					insert					
	here	in	parent	heses	(filed	on	01/31/	2013	a	and	given
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	State	<u>s l</u>	Patent	and	Trade	mark (Office)	this	APPL	ICAT	TON's
	Application No., filing date, and Office, when known;										
	was filed on and was given Application No										
	by the following Office										
	11			-		".					

I MARCH ROGERS ("ASSIGNOR") am the original inventor or an original joint

inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent

Microsoft Corporation, a Washington Corporation, 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 in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

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MS Docket No.: <u>337741.01</u>

PATENT ASSIGNMENT MS Docker No.: 337741.01

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Inventor's Signature	
Printed Name in English	Printed Name in Native Language (if other than English)

I <u>BENJAMIN B. GITENSTEIN</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>Activity Graphs</u> " ("APPLICATION"), which:
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was filed on and was given Application No

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____ by the following Office

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PATENT REEL: 048157 FRAME: 0273

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Inventor's Signature	1/28/13 Date
BENJAMIN B. CITENSTEIN	
Printed Name in English	Printed Name in Native Language (if other than English)

Page 2 of 2