502765384 04/12/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2811980

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT			
NATURE OF CONVEYANCE:	Corrective Assignment to correct the ASSIGNEE previously recorded on Reel 031983 Frame 0001. Assignor(s) hereby confirms the THE ASSIGNEE WAS MISSPELLED AND SHOULD BE "MICROSOFT CORPORATION".			

CONVEYING PARTY DATA

Name	Execution Date
SATISH THOMAS	01/01/2014
ARIJIT BASU	01/15/2014
ARUNPRIYAA NACHIMUTHU	01/03/2014
SRI SRINIVASAN	01/03/2014
MYKOLA MUZYKIN	01/03/2014

RECEIVING PARTY DATA

Name:	MICROSOFT CORPORATION
Street Address:	ONE MICROSOFT WAY
Internal Address:	PATENT GROUP DOCKETING DEPT.
City:	REDMOND
State/Country:	WASHINGTON
Postal Code:	98052

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14151296

CORRESPONDENCE DATA

Fax Number: (952)373-8920

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via

US Mail.

Phone: 952-467-6088

Email: sgreenfield@khcip.com

Correspondent Name: ASSAL MEFTAHI

Address Line 1: ONE MICROSOFT WAY

Address Line 2: PATENT GROUP DOCKETING DEPT Address Line 4: REDMOND, WASHINGTON 98052

ATTORNEY DOCKET NUMBER: 340499.02

NAME OF SUBMITTER: JOSEPH R. KELLY

SIGNATURE: /Joseph R. Kelly/

PATENT

502765384 REEL: 032672 FRAME: 0152

DATE SIGNED:	04/12/2014					
Total Attachments: 12						
source=Corrected Recordation Cover Sheet#page1.tif						
source=Corrected Recordation Cover SI	neet#page2.tif					
source=340499-02_Assignments#page1	1.tif					
source=340499-02_Assignments#page2.tif						
source=340499-02_Assignments#page3.tif						
source=340499-02_Assignments#page4.tif						
source=340499-02_Assignments#page5.tif						
source=340499-02_Assignments#page6	5.tif					
source=340499-02_Assignments#page7	7.tif					
source=340499-02_Assignments#page8.tif						
source=340499-02_Assignments#page9	9.tif					
source=340499-02_Assignments#page10.tif						

PATENT REEL: 032672 FRAME: 0153

PALENT ASSIGNMENT COVER SHELL.

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT	A STREET, SAN OF STRE
NATURE OF CONVEYANCE:	ASSIGNMENT	Christian de Contractor de Con

CONVEYING PARTY DATA

Name	Execution Date
ŞATISH THOMAS	01/01/2014
ARIJIT BASU	01/15/2014
ARUNPRIYAA NACHIMUTHU	01/03/2014
SRI SRINIVASAN	01/03/2014
MYKOLA MUZYKIN	01/03/2014

RECEIVING PARTY DATA

Name:	MICROSOFT COPORATION CORPORATION
Street Address:	ONE MICROSOFT WAY
Internal Address:	PATENT GROUP DOCKETING DEPT.
City:	REDMOND
State/Country:	WASHINGTON
Postal Code:	98052

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14151296

CORRESPONDENCE DATA

Fax Number:

(952)373-8920

Phone:

952-467-6088

Email:

sgreenfield@khcip.com

Correspondence will be sent via US Mail when the email attempt is unsuccessful.

Correspondent Name:

ASSAL MEFT AHI

Address Line 1:

ONE MICROSOFT WAY

Address Line 2:

PATENT GROUP DOCKETING DEPT

Address Line 4:

REDMOND, WASHINGTON 98052

PATENT REEL: 032672 FRAME: 0154

ATTORNEY DOCKET NUMBER:	340499.02		
NAME OF SUBMITTER: JOSEPH R. KELLY			
Signature:	/Joseph R. Kelly/		
Date:	01/16/2014		
Total Attachments: 10 source=340499-02_Assignments#page1.tif source=340499-02_Assignments#page3.tif source=340499-02_Assignments#page4.tif source=340499-02_Assignments#page5.tif source=340499-02_Assignments#page6.tif source=340499-02_Assignments#page7.tif source=340499-02_Assignments#page8.tif source=340499-02_Assignments#page8.tif source=340499-02_Assignments#page9.tif source=340499-02_Assignments#page9.tif source=340499-02_Assignments#page10.tif			
RECEIPT INFORMATION			
EPAS ID: PAT26849 Receipt Date: 01/16/2014			

PATENT REEL: 032672 FRAME: 0155

MS Docket No.: <u>340499.02</u>

I <u>Satish Thomas</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>AUTOMATICALLY RECOMMENDING UPDATES BASED ON STORED LIFECYCLE INFORMATION</u>" ("APPLICATION"), which:

ASSIGNEE'S legal representatives, of the Law and Corporation Department, Microsoft Corporation, One Microsoft Way, R Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), here in parentheses (filed on January 9, 2014 an Application No. 14/151296 by the following Office US States Patent and Trademark Office) this APPLICA Application No., filing date, and Office, when known;	will	be	filed.	ASSIG	NOR	hereb	y auth	orizes,	and	requ	uests,
Department, Microsoft Corporation, One Microsoft Way, R Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), here in parentheses (filed on <u>January 9, 2014</u> an Application No. <u>14/151296</u> by the following Office <u>USStates Patent and Trademark Office</u>) this APPLIC	ASS	IGNE	E'S legal	represe	entativ	es, of	the Lav	v and C	orpor	ate A	ffairs
here in parentheses (filed on <u>January 9, 2014</u> an Application No. <u>14/151296</u> by the following Office <u>US</u> <u>States Patent and Trademark Office</u>) this APPLIC			•	•							
Application No. <u>14/151296</u> by the following Office <u>US</u> <u>States Patent and Trademark Office</u>) this APPLIC	Was	hing	ton 9805	2 (ASS	IGNEE'	'S LEGA	AL REPR	ESENTA	TIVES), to i	insert
States Patent and Trademark Office) this APPLIC	her	e in	parentl	heses	(filed	on <u>J</u>	anuary	9, 20	<u>)14</u> a	ınd	given
	App	olicati	on No.	<u> 14/151</u>	<u>296</u> l	by the	follow	ing Offi	ice <u>US</u>	<u> </u>	<u>Inited</u>
Application No., filing date, and Office, when known;	Stat	tes	<u>Patent</u>	and -	<u> Frader</u>	nark	Office)	this	APPL	.ICAT	ION's
	App	olicati	on No., f	filing d	ate, ar	nd Offic	ce, whe	n know	n;		

led on	and was given Application No	O
by the	following Office	
	".	
i	iled on by the	iled on and was given Application No 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, 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	

MS Docket No.: 340499.02

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).

Inventor's Signature	1/1/2614 Date
Satish Thomas	
Printed Name in English	Printed Name in Native Language (if other than English)

I <u>Arijit Basu</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>AUTOMATICALLY RECOMMENDING UPDATES BASED ON STORED LIFECYCLE INFORMATION</u>" ("APPLICATION"), which:

MS Docket No.: 340499.02

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 <u>US - United States Patent and Trademark Office</u>) this APPLICATION's Application No., filing date, and Office, when known;

was filed on <u>January 9, 2014</u> and was given Application No <u>14/151296</u> by the following Office <u>US – United States Patent and</u> Trademark 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, 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	

Page 1 of 2

PATENT ASSIGNMENT MS Docket No.: 340499.02

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).

Inventor's Signature	1 / 1 5 / 1 4 Date
<u>Arijit Basu</u>	
Printed Name in English	Printed Name in Native Language
	(if other than English)

I <u>Arunpriyaa Nachimuthu</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>AUTOMATICALLY RECOMMENDING UPDATES BASED ON STORED LIFECYCLE INFORMATION</u>" ("APPLICATION"), which:

MS Docket No.: 340499.02

\boxtimes	will	be	filed.	ASSIGNOR	hereby	authori	zes, a	and red	quests,
	ASSI	GNE	E'S legal	representati	ves, of tl	he Law a	nd Cor	porate	Affairs
	Depa	artm	ent, Micr	osoft Corpo	ration, O	ne Micro	soft W	ay, Rec	lmond,
	Was	hingt	ton 9805	2 (ASSIGNEE	'S LEGAL	. REPRESE	NTATI	VES), to	insert
	here	in	parenth	neses (filed	on <u>Jar</u>	nuary 9	201	<u>4</u> and	given
	App	licati	on No	14/151296	by the f	following	Office	e <u>US –</u>	<u>United</u>
	State	es	<u>Patent</u>	<u>and Trade</u>	mark C	<u>Office</u>) t	his A	APPLICA	TION's
	App	licati	on No., f	iling date, a	nd Office	, when k	nown;		

was filed on _	and was given Application No
	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, 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	

Page 1 of 2

PATENT ASSIGNMENT MS Docket No.: 340499.02

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).

	And the state of t
M	01/03/2014
Inventor's Signature	Date
Arunpriyaa Nachimuthu	
Printed Name in English	Printed Name in Native Language (if other than English)

MS Docket No.: 340499.02

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 January 9, 2014 and given Application No. 14/151296 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	n,

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, 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;

tollowing table for any Arr	Filing Date	Office	
Application No.	Tilling Date	- Julies	

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).

1 - Storte.	لاره اه ا
Inventor's Signature	\\3\%``\ Date
<u>Sri Srinivasan</u>	
Printed Name in English	Printed Name in Native Language
	(if other than English)

MS Docket No.: <u>340499.02</u>

I <u>Mykola Muzykin</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>AUTOMATICALLY RECOMMENDING UPDATES BASED ON STORED LIFECYCLE INFORMATION</u>" ("APPLICATION"), which:

\boxtimes	will	be	filed.	ASSIGNOR	hereby	authorizes,	and	reque	sts,
	ASSI	GNEI	E'S legal	representati	ves, of th	ne Law and (Corpor	ate Aff	airs
	Depa	artm	ent, Micr	osoft Corpo	ration, O	ne Microsof	t Way,	Redmo	nd,
	Was	hingt	ton 9805	2 (ASSIGNE	'S LEGAL	. REPRESENT	ATIVES), to in:	sert
						<u> 1uary 9, 2</u>			
						following Of			
						Office) this		ICATIC)N's
	App	licati	on No., f	iling date, a	nd Office	e, when knov	vn;		

\square was filed on $_$	and was given Application No
	by the following Office
u	".

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, 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;

following table for any APP			
Application No.	Filing Date	Office	
Application 1101			

MS Docket No.: 340499.02

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).

UK	01/03/7014
Inventor's Signature	Date
Mykola Muzykin	Микола Музикін
Printed Name in English	Printed Name in Native Language
	(if other than English)