PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2835733

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SAAR YAHALOM	04/22/2014
BART J. F. DE SMET	04/22/2014
DOUGLAS C. BURGER	04/11/2014
DANIEL LEE MASSEY	04/15/2014

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:	14265656

CORRESPONDENCE DATA

Fax Number:

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

Phone: 425.704.0152

Email: assalm@microsoft.com

Correspondent Name: ASSAL MEFTAHI

Address Line 1: ONE MICROSOFT WAY
Address Line 2: PATENT DOCKET GROUP

Address Line 4: REDMOND, WASHINGTON 98052

ATTORNEY DOCKET NUMBER:	340612.01
NAME OF SUBMITTER:	TRACY POWELL
SIGNATURE:	/Tracy Powell/
DATE SIGNED:	04/30/2014

Total Attachments: 8

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PATENT 502789138 REEL: 032788 FRAME: 0146

PATENT REEL: 032788 FRAME: 0147

PATENT ASSIGNMENT MS Docket No.: 340612.01

I <u>Saar</u>	Yahalom	("ASSIGI	NOR") am the	original	invento	or or an orig	ginal joint invento
of subject ma	atter ("INV	ENTION	") disclosed a	nd/or cla	imed ir	n a patent a	pplication entitled
"Client-Side	<u>Integratio</u>	n Frame	work of Serv	<u>ices</u> " ("AF	PLICAT	TON"), which	:h:
\boxtimes	will be	filed.	ASSIGNOR	hereby	autho	rizes, and	requests,
	ASSIGNE	E'S legal	representati	ves, of tl	ne Law	and Corpo	rate Affairs
	Departm	ent, Mic	rosoft Corpc	ration, O	ne Mic	rosoft Way,	, Redmond,
	Washing	ton 980!	52 (ASSIGNE	'S LEGAL	REPRE	SENTATIVE:	S), to insert
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States, its te	rritories, a	and all fo	oreign counti	ries ("APP	LICATION	ON DERIVA	TIVES"));
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							REPRESENTATIVES
			_		ce into	the follow	ving table for any
APPLICATION		IVES arti				Off:	
Application	NO.		Filing Dat	ie		Office	

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

Saar Yahalom
Printed Name in English

Output

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MS Docket No.: 340612.01

MS Docket No.: 340612.01

I Bart J. F. De Smet ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Client-Side Integration Framework of Services" ("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 _______ this APPLICATION's Application No., filing date, and Office, when known: 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	

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MS Docket No.: 340612.01

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	4/22/2014
Inventor's Signature	Date
Bart J. F. De Smet	
Printed Name in English	Printed Name in Native Language
	(if other than English)

I <u>Douglas C. Burger</u> ("A inventor of subject matter (" application entitled " <u>Client–Side</u> which:	INVENTION") disclosed a	
ASSIGNEE'S legal r Department, Micro Washington 98052 here in parenthese No by	ASSIGNOR hereby author epresentatives, of the Law os of Corporation, One Mice (ASSIGNEE'S LEGAL REPRING (Filed on) the following Office s Application No., filing of	and Corporate Affairs crosoft Way, Redmond, ESENTATIVES), to insert and given Application
was filed on	and was given A	Application
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| Couglas C. Burger | Printed Name in English | Printed Name in Native Language (if other than English)

MS Docket No.: 340612.01

MS Docket No.: 340612.01 PATENT ASSIGNMENT I Daniel Lee Massey ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Client-Side Integration Framework of Services" ("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 ______ this APPLICATION's Application No., filing date, and Office, when known: 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; Office Application No. Filing Date

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Inventor's Signature

Daté

Daniel Lee Massey

Printed Name in English

Printed Name in Native Language

(if other than English)