PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT3007539

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KARANBIR SINGH	08/27/2014
YASHAR BAHMAN	09/02/2014
OCTAVIAN T. URECHE	08/27/2014
JOHN MICHAEL SHEEHAN	08/29/2014

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:	14476328				

CORRESPONDENCE DATA

Fax Number: (509)755-7252

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: 5097557262

Email: connelly@wolfe-sbmc.com

Correspondent Name: WOLFE-SBMC 601 W. MAIN AVE. Address Line 1:

Address Line 2: **SUITE 1300**

Address Line 4: SPOKANE, WASHINGTON 99201

ATTORNEY DOCKET NUMBER:	355580.01
NAME OF SUBMITTER:	WILLIAM J. BREEN, III
SIGNATURE:	/William J. Breen, III, Reg. No. 45313/
DATE SIGNED:	09/03/2014

Total Attachments: 8

source=35558001ExecutedAssignment#page1.tif source=35558001ExecutedAssignment#page2.tif

> **PATENT** REEL: 033661 FRAME: 0258 502960941

PATENT REEL: 033661 FRAME: 0259

PATENT ASSIGNMENT

I <u>Karanbir Singh</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>Shared Session Techniques</u>" ("APPLICATION"), which:

	will	be	filed.	ASSIGNOR	hereby	authorizes,	and	requests,
	ASSI	GNE	E'S legal	representati	ves, of th	ne Law and C	Corpora	te Affairs
	Department, Microsoft Corporation, One Microsoft Way, Redmond,							
	Wasl	hing	ton 980	52 (ASSIGNEE	'S LEGAL	REPRESENTA	TIVES),	to insert
	here in parentheses (filed on 09/03/2014 and given Application							
	No.	14/4	76,328	by the followi	ing Office	US	***********)
	this	APP	LICATIO	N's Applicati	on No., í	iling date, a	nd Offi	ice, when
	knov	vn;						
·1								
L	was	filed	on	Š	and was g	given Applica	tion	
	No_		***************************************	by the f	ollowing	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.		
	•	
	'	

Page 1 of 2

PATENT ASSIGNMENT

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

CS 27/14

Date

Karanbir Singh

Printed Name in English

Printed Name in Native Language
(if other than English)

PATRICT ASSIGNMENT

Manager No. 12 (1981)

program of subject matter (1999)	R) am the original inventor or an original joint ENTION') disclosed and/or claimed in a patent Techniques (APPLICATION) which
ASSIGNEE'S legal repr Department, Microsof Washington 98052 (A here in parentheses of No. 100 100 Dyth	CNOR hereby authorizes, and requests, sentatives of the Lawland Corporate Affairs to opposition. One Microsoft Way, Redmond, SICNEE'S LEGAL REPRESENTATIVES), to insert led on
	and was given Application by the following Office
successors and assigns ("ASSICNE entire and exclusive rights, title INVENTION and the APPLICATION therefrom such as continuing at	ashington Corporation, on behalf of itself and its E), is entitled to, and is desirous of acquiring, the and interest, including the right of priority, in the land of other applications and patents derived whole or in part, in and for the United APPLICATION DERIVATIVES.
to insert the Application No. 111 APPLICATION DERIVATIVES after t	SSIGNES LEGAL REPRESENTATIVES IG discovering the following table for any lev are known. Uning Date Office

Page 1 of 2

PATENT REEL: 033661 FRAME: 0262

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 by the 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 parents 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

Date

yashar Bahman

Printed Name in English

Printed Name in Native Language

Fother than English)

PATENT ASSIGNMENT MS Docket No.: 355580.01

1 000	niam T Heache ("AE	rainin ade una MBN127	liminatar or an ariainal injus
			l inventor or an original joint and/or claimed in a patent
	-	ion Techniques" ("APPLIC	•
mbakasan maran	2 C 2 C 2 C 2 C 2 C 2 C 2 C 2 C 2 C 2 C	51.10.1.1 1. 00.20.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	vivionia ja vivionia.
\boxtimes	will be filed.	ASSIGNOR hereby auth	orizes, and requests,
		epresentatives, of the Lav	
	Ť	soft Corporation, One Mi	V
	Washington 98052	(ASSIGNEE'S LEGAL REPR	ESENTATIVES), to insert
	here in parenthese	s (filed on 09/03/2014	and given Application
	No. <u>14/476,328</u> by	the following Office	US)
		s Application No., filing	
	known;		
ęmną.			
	was filed on	and was given .	Application
		$_$ by the following Office	3
	"	**************************************	
9.45		992	s a nor or s, age a s.
		-	n, on behalf of itself and its
	•		is desirous of acquiring, the
		· ·) the right of priority, in the ications and patents derived
		• •	in part, in and for the United
	-	eign countries ("APPLICAT	,
		an indian and an analysis of a second second second	and an analysis as such as the such that
ASSIG	NOR hereby authori	zes, and requests, ASSIG!	VEE'S LEGAL REPRESENTATIVES
to insert the	Application No., f	iling date, and Office int	to the following table for any
APPLICATION	N DERIVATIVES after	they are known;	
Application	No.	Filing Date	Office
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
immerijai.mikanijai		h	
		, , , , , , , , , , , , , , , , , , ,	
}		1	

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).

Company of the Compan		
	Obe Mil	8/27/14
and a secondary	Inventor's Signature	Date
	Octavian T. Ureche	
	Printed Name in English	Printed Name in Native Language
		(if other than English)

PATENT ASSIGNMENT

I <u>John Michael Sheehan</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>Shared Session Techniques</u>" ("APPLICATION"), which:

\boxtimes	will	be	filed.	ASSIGNOR	hereby	authori	zes,	and	requests,
ASSIGNEE'S legal representatives, of the Law and Corporate									ate Affairs
	Department, Microsoft Corporation, One Microsoft Way, Redmon								
	Was	hing	ton 980	52 (ASSIGNEE	'S LEGAL	REPRESI	ENTA	TIVES), to insert
	here	in p	arenthe	ses (filed on _	09/03/2	2014 a	ınd g	iven A	application
	No.	14/4	76,328	by the followi	ing Office	US)
	this	APP	LICATIO	N's Applicati	on No., 1	filing da	te, ar	nd Of	fice, when
	knov	vn;							
	was	filed	on	á	and was g	given Ap	plicat	tion	
	No_			by the f	ollowing	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

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).

John Shed	^-
<u>U </u>	8/29/2014
Inventor's Signature	Date
John Michael Sheehan	
Printed Name in English	Printed Name in Native Language
	(if other than English)

RECORDED: 09/03/2014

MS Docket No.: <u>355580.01</u>