503129052 01/08/2015

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:NEW ASSIGNMENTNATURE OF CONVEYANCE:ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RAJESH GUNNALAN	12/19/2014
HUMAYUN MUKHTAR KHAN	10/16/2014
TIMOTHY M. MOORE	12/18/2014

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:	14497058

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.

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Email: USDocket@microsoft.com

Correspondent Name: WOLFE-SBMC

Address Line 1:601 W MAIN AVENUE, SUITE 1300Address Line 4:SPOKANE, WASHINGTON 99201

ATTORNEY DOCKET NUMBER:	342031.01
NAME OF SUBMITTER:	LANCE R. SADLER 38,605
SIGNATURE:	/Lance R. Sadler/
DATE SIGNED:	01/08/2015

Total Attachments: 6

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PATENT 503129052 REEL: 034668 FRAME: 0692

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PATENT REEL: 034668 FRAME: 0693

PATENT ASSIGNMENT MS Docket No.: 342031.01

I <u>Rajesh Gunnalan</u> ("AS: inventor of subject matter (application entitled " <u>Media Sess</u>	"INVENTION") disclosed a	•
ASSIGNEE'S legal Department, Micr Washington 9805 here in parenthes No	ASSIGNOR hereby authorepresentatives, of the Lavosoft Corporation, One Mi (ASSIGNEE'S LEGAL REPRIES (filed on) the following Office 's Application No., filing of the second control of	v and Corporate Affairs crosoft Way, Redmond, ESENTATIVES), to insert _ and given Application)
	<u>imber 25, 2014</u> and was gi e following Office " <u>US</u> ";	ven Application No
Microsoft Corporation, successors and assigns ("ASSIG entire and exclusive rights, till INVENTION and the APPLICAT therefrom, such as continuing States, its territories, and all for	ONEE"), is entitled to, and tle and interest, including TON (and all other appli applications, in whole or	the right of priority, in the cations and patents derived in part, in and for the United
ASSIGNOR hereby author to insert the Application No.,	•	IEE'S LEGAL REPRESENTATIVES
APPLICATION DERIVATIVES afte		a me removing cost for any
Application No.	Filing Date	Office

Page 1 of 2

MS Docket No.: 342031.01

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"));

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	12/14/14
{	entor's Signature	Date
Ra	esh Gunnalan	
Pri	nted Name in English	Printed Name in Native Language
		(if other than English)

PATENT ASSIGNMENT MS Docket No.: 342031.01

joint inventor of sub	ect matter ("INVENTIO	N") disclosed a	nal inventor or an original nd/or claimed in a patent ts " ("APPLICATION"), which:
ASSIGNE Departm Washing here in p No	filed. ASSIGNOR her's legal representative nent, Microsoft Corporation 98052 (ASSIGNEE'S parentheses (filed on by the following PLICATION's Application	is, of the Law a tion, One Micro LEGAL REPRESI ————————————————————————————————————	nd Corporate Affairs psoft Way, Redmond, ENTATIVES), to insert and given Application
	d on <u>September 25, 201</u> . <u>058</u> by the following O		n Application No
successors and assignmentire and exclusive INVENTION and the therefrom, such as continuous continuo	ns ("ASSIGNEE"), is ent rights, title and interd APPLICATION (and al	itled to, and is est, including t I other applica in whole or in	on behalf of itself and its desirous of acquiring, the he right of priority, in the tions and patents derived part, in and for the United N DERIVATIVES"));
to insert the Applica	ition No., filing date, a	ind Office into	E'S LEGAL REPRESENTATIVES the following table for any
Application No.	TIVES after they are know. Filing Date	}	Office
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Page 1 of 2

PATENT ASSIGNMENT

MS Docket No.: 342031.01

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"));

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).

	Oct 16, 2014
Inventor's Signature	Date
Humayun Mukhtar Khan	
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT ASSIGNMENT MS Docket No.: 342031.01

l Time	othy M. Moore ("ASS	SIGNOR") am the original	inventor or an original joint
***************************************		· · · · · · · · · · · · · · · · · · ·	nd/or claimed in a patent
	·		
application e	intitied <u>Media Sessic</u>	on Between Network Enapo	<u>ints</u> " ("APPLICATION"), which:
	will be filed.	ASSIGNOR hereby autho	rizes, and requests,
	ASSIGNEE'S legal re	presentatives, of the Law	and Corporate Affairs
	Department, Micro	soft Corporation, One Mic	rosoft Way, Redmond,
	Washington 98052	(ASSIGNEE'S LEGAL REPRE	SENTATIVES), to insert
	~	(filed on	
		the following Office	
		Application No., filing d	
		nber 25, 2014 and was give following Office " <u>US</u> ";	ven Application No
Micro	soft Corporation, a	Washington Corporation	, on behalf of itself and its
successors a	and assigns ("ASSIG	NEE"), is entitled to, and	is desirous of acquiring, the
entire and	exclusive rights, titl	e and interest, including	the right of priority, in the
INVENTION	and the APPLICATI	ON (and all other applic	cations and patents derived
therefrom, s	such as continuing a	applications, in whole or i	n part, in and for the United
States, its te	rritories, and all fore	eign countries ("APPLICATI	ON DERIVATIVES"));
•	,	•	
ASSIC	NOR hereby authori	zes, and requests, ASSIGN	EE'S LEGAL REPRESENTATIVES
			the following table for any
	N DERIVATIVES after	·-	
Application		Filing Date	Office
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PATENT REEL: 034668 FRAME: 0698

MS Docket No.: <u>342031.01</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"));

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).

d	12/18/160
Inventor's Signature	Date
Timothy M. Moore	
Printed Name in English	Printed Name in Native Language
	(if other than English)

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RECORDED: 01/08/2015