504604914 10/20/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4651626

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ERIC J. HORVITZ	07/06/2015
JONATHAN T. GRUDIN	06/24/2015
PRASUN DEWAN	07/01/2015

RECEIVING PARTY DATA

Name: MICROSOFT TECHNOLOGY LICENSING, LLC	
Street Address:	ONE MICROSOFT WAY
City:	REDMOND
State/Country:	WASHINGTON
Postal Code:	98052

PROPERTY NUMBERS Total: 1

Property Type	Number		
Application Number:	15789812		

CORRESPONDENCE DATA

Fax Number:

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: 425-707-9382

Email: usdocket@microsoft.com

Correspondent Name: MICROSOFT CORPORATION

Address Line 1: ONE MICROSOFT WAY

Address Line 4: REDMOND, WASHINGTON 98052

ATTORNEY DOCKET NUMBER:	306741-US-CNT[3]
NAME OF SUBMITTER:	BRYAN S. WADE
SIGNATURE:	/Bryan S. Wade, #58,228/
DATE SIGNED:	10/20/2017

Total Attachments: 6

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PATENT REEL: 043917 FRAME: 0520

PATENT ASSIGNMENT

I <u>Eric J. Horvitz</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>ABSTRACTIONS AND AUTOMATION FOR ENHANCED SHARING AND COLLABORATION</u>" ("APPLICATION"), which:

\boxtimes	will	be	filed.	ASSIGNOR	hereby	autho	rizes,	and	reque	ests,
	ASSI	GNE	E'S legal	representat	tive, Mici	rosoft	Techno	ology	Licens	ing,
	LLC.	, On	e Micros	oft Way, Red	mond, W	ashing	ton 98()52 (A	SSIGN	EE'S
	LEGA	₹L R	EPRESEN	ITATIVES), t	o insert	here	in par	enthe	eses (f	filed
	on _	Jul	y 6, 201	5 and giv	ven Appli	ication	No	14/792	2,464	_ by
	the f	ollov	ving Offi	ce <u>US – Unite</u>	ed States	Patent	and Tr	<u>adem</u>	ark Of	fice)
	this	APP	LICATION	V's Applicati	on No.,	filing c	late, ar	nd Of	fice, w	hen
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	was	filed	on		and was	given A	Applicat	tion		
	No_			by the f	ollowing	Office				
					". "					

Microsoft Technology Licensing, LLC, a Washington limited liability company, 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

MS Docket No.: 306741.03

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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

| Coate | Coate

#### PATENT ASSIGNMENT

I <u>Jonathan T. Grudin</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>ABSTRACTIONS AND AUTOMATION FOR ENHANCED SHARING AND COLLABORATION</u>" ("APPLICATION"), which:

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	ASSI	GNE	E'S lega	l representa	tive, Mici	rosoft	Techno	ology	Licens	ing,
	LLC.	, On	e Micros	oft Way, Red	mond, W	ashing	ton 980	)52 (A	ASSIGN	EE'S
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Page 1 of 2

MS Docket No.: 306741.03

PATENT ASSIGNMENT	MIS DOCKET NO.:	300/41.03

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Cala Cala	24 June 2015
Inventor's Signature	Date
Jonathan T. Grudin	
Printed Name in English	Printed Name in Native Language (if other than English)

#### PATENT ASSIGNMENT

I <u>Prasun Dewan</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>ABSTRACTIONS AND AUTOMATION FOR ENHANCED SHARING AND COLLABORATION</u>" ("APPLICATION"), which:

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	ASSI	GNE	E'S lega	representat	ive, Micr	osoft	Techno	ology	Licens	ing
	LLC.	, One	e Micros	oft Way, Redi	nond, Wa	ashingt	ton 980	)52 (A	SSIGN	EE'S
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	this	APP	LICATIO	V's Applicati	on No., i	filing d	late, ai	nd Of	fice, w	hen
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Pager Dewar	1 July 2015		
Inventor's Signature	Date		
Prasun Dewan			
Printed Name in English	Printed Name in Native Language		
	(if other than English)		

RECORDED: 10/20/2017