504664185 11/30/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ANANTHA DEEPTHI UPPALA	08/30/2017
CHETAN BANSAL	08/30/2017

RECEIVING PARTY DATA

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Postal Code:	98052	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15663126

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ATTORNEY DOCKET NUMBER:	402661-US-NP 1777.134US1
NAME OF SUBMITTER:	ROWENA J ARTHURS
SIGNATURE:	/Rowena J Arthurs/
DATE SIGNED:	11/30/2017

Total Attachments: 5

source=1777134US1AssignmentSIGNED#page1.tif source=1777134US1AssignmentSIGNED#page2.tif source=1777134US1AssignmentSIGNED#page3.tif source=1777134US1AssignmentSIGNED#page4.tif source=1777134US1AssignmentSIGNED#page5.tif

> PATENT REEL: 044260 FRAME: 0100

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RECORDATION FORM COVER SHEET PATENTS ONLY

Atty Ref/Docket No.: 402661-US-NP (1777.134US1) Patent and Trademark Office To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Name: Microsoft Technology Licensing, LLC Anantha Deepthi Uppala, Chetan Bansal Street Address: One Microsoft Way Additional name(s) of conveying party(ies) attached? City: Redmond State: WA Zip Country: United States of America Zip: 98052 []Yes [X]No 3. Nature of conveyance: Additional name(s) & address(es) attached? []Yes IXINo [X] Assignment | Merger [] Security Agreement[] Change of Name [] Other Execution Date: August 30, 2017, August 30, 2017 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) B. Patent No.(s) Serial No. 15/663,126 Additional numbers attached? []Yes [X]No 6. Total number of applications and patents involved: 1 5. Name and address of party to whom correspondence concerning document should be mailed: 7. Total fee (37 CFR 3.41):\$ 0.00 Name: Joshua E. Garfield [[Enclosed [Authorized to be charged to deposit account Address: 19-0743 Schwegman Lundberg & Woessner, P.A. P.O. Box 2938 8. Please charge any additional fees or credit any over Minneapolis. Minnesota 55402--0938 payments to our Deposit Account No.: 19-0743 DO NOT USE THIS SPACE Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Joshua E. Garfield/Reg. No. 58,416 /Joshua E. Garfield/ November 30, 2017 Name of Person Signing Total number of pages including cover sheet: 5 Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks
Mail Stop Assignment Recordation Services
P.O. Box 1450
Alexandria, VA 22313-1450

PATENT REEL: 044260 FRAME: 0101

	, , ,	a ("ASSIGNOR") am the or	***	
joint invento	or of subject matte	r ("INVENTION") disclosed	and/or claimed in a	patent
application	entitled "REPLAY_	OF CONVERSATIONS FO	R TASK COMPLETION	N AND
DELEGATION	l", which:			
	will be filed.	ASSIGNOR hereby author	orizes, and requests	3
	ASSIGNEE'S legal	representative, Microsoft	Technology Licensing	•
	LLC, One Microsof	t Way, Redmond, Washingt	on 98052 (ASSIGNEE'S	ŝ
	LEGAL REPRESENT	ATIVES), to insert here	in parentheses (filed	į
	on	and given Application	Noby	1
	the following O	ffice) this	ŝ
	APPLICATION'S App	plication No., filing date, ar		
\boxtimes	was filed on July 2	<u>8, 2017</u> and was given App	olication No	
	15/663,126 by the	e following Office " <u>US Pater</u>	nt Office ";	
Micro	soft Technology Lic	ensing, LLC, a Washington	limited liability compa	any, on
		s and assigns ("ASSIGNEE").		
		clusive rights, title and in		
		he APPLICATION (and all o		
		tinuing applications, in wh		
United State:	s, its territories, and	l all foreign countries ("API	LICATION DERIVATIVE	:S"));
		zes, and requests, ASSIGN		
		iling date, and Office into	the following table	for any
APPLICATION	N DERIVATIVES after	they are known.		
		T		
Application	No.	Filing Date	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).

Anantha Deepthi Uppala

Printed Name in English

Printed Name in Native Language (if other than English)

I Chetan Bansal ("ASSIGNOR") am the original inventor	or an original joint inventor
of subject matter ("INVENTION") disclosed and/or claimed in	a patent application entitled
"REPLAY OF CONVERSATIONS FOR TASK COMPLETION AND D	<u>DELEGATION</u> ", which:

	will be filed. ASSIGNOR hereby authorizes, and requests
	ASSIGNEE'S legal representative, Microsoft Technology Licensing
	LLC, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S
	LEGAL REPRESENTATIVES), to insert here in parentheses (filed
	onand given Application Noby
	the following Office
	APPLICATION's Application No., filing date, and Office, when known
\boxtimes	was filed on July 28, 2017 and was given Application No
	15/663,126 by the following Office "US Patent 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

RECORDED: 11/30/2017

MS Docket No.: 402661-US-NP

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).

Shot	8/30/2017
Inventor's Signature	Date
Chetan Bansal	
Printed Name in English	Printed Name in Native Language
	(if other than English)