### PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
KRIS GANJAM	04/15/2016
DAVID DOUGLAS DEBARR	04/15/2016
NAVENDU JAIN	04/21/2016

#### **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:	15135828

#### **CORRESPONDENCE DATA**

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Email: STEVENSP@MICROSOFT.COM

Correspondent Name: MICROSOFT TECHNOLOGY LICENSING, LLC

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ATTORNEY DOCKET NUMBER:	359160.01
NAME OF SUBMITTER:	DENISE R. MILES
SIGNATURE:	/Denise R. Miles/
DATE SIGNED:	04/22/2016

#### **Total Attachments: 6**

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PATENT REEL: 038352 FRAME: 0876

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	Kris Ganjam	("ASSIGNOR") am t	he original inventor or an	ı original
		•	osed and/or claimed in	**
			<u> SENSOR DATA</u> " ("APPLIC	,
which:			*	
$\boxtimes$	will be filed.	ASSIGNOR hereby a	uthorizes, and request	:S,
			soft Technology Licensin	
	LLC., One Microso	ft Way, Redmond, Was	hington 98052 (ASSIGNEE	."S
	LEGAL REPRESENT	TATIVES), to insert I	nere in parentheses (file	ed .
			ation NoI	
	the following C	office	) th	iis
	APPLICATION'S Ap	plication No., filing da	te, and Office, when know	n;
	was filed on	and was giv	ven Application	
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behalf of itse of acquiring priority, in the derived there	elf and its successor , the entire and ex ne INVENTION and t efrom, such as con	s and assigns ("ASSIGN clusive rights, title ar the APPLICATION (and tinuing applications, i	igton limited liability com NEE"), is entitled to, and is nd interest, including the all other applications and in whole or in part, in and ("APPLICATION DERIVATIV	desirous right of d patents d for the
ASSIG	NOR hereby author	izes, and requests, AS	SIGNEE'S LEGAL REPRESEN	ITATIVES
to insert the	Application No.,	filling date, and Office	e into the following table	e for any
APPLICATION	N DERIVATIVES after	r they are known;		
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).

	***************************************
halls	4/15/2016
Ynventor's Signature	Date
Kris Ganjam	
Printed Name in English	Printed Name in Native Language
	(if other than English)

## PATENT ASSIGNMENT MS Docket No.: 359160.01 I <u>David Douglas DeBarr</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "IDENTIFYING ENTITIES BASED ON SENSOR DATA" ("APPLICATION"), 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 on \_\_\_\_\_ and given Application No. \_\_\_\_\_ by APPLICATION's Application No., filing date, and Office, when known; was filed on \_\_\_\_\_ and was given Application No \_\_\_\_\_\_ by the following 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
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#### 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).

000g/a Orlea	April 15,2016
Inventor's Signature	Date
David Douglas DeBarr	
Printed Name in English	Printed Name in Native Language
	(if other than English)

MS Docket No.: 359160.01

# PATENT ASSIGNMENT MS Docket No.: 359160.01 I <u>Navendu Jain</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "IDENTIFYING ENTITIES BASED ON SENSOR DATA" ("APPLICATION"), 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 on \_\_\_\_\_\_ and given Application No. \_\_\_\_\_ by APPLICATION's Application No., filing date, and Office, when known: was filed on \_\_\_\_\_ and was given Application No \_\_\_\_\_\_by the following 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

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Namendu Jan	04/21/2016
Inventor's Signature	Date
Navendu Jain	
Printed Name in English	Printed Name in Native Language
	(if other than English)