PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT5580761 Stylesheet Version v1.2

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LAXMIKANT AGRAWAL	11/17/2014
SUDHEER PRATIPATI	11/17/2014
AUDREY COLLE	11/19/2014
JOSE DE OLIVEIRA	11/18/2014
JEFF COUCKUYT	11/18/2014

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:	16128809

CORRESPONDENCE DATA

Fax Number: (650)938-5200

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: 2124302662

Email:cmedina@fenwick.comCorrespondent Name:DANIEL R. BROWNSTONEAddress Line 1:FENWICK & WEST LLPAddress Line 2:801 CALIFORNIA STREET

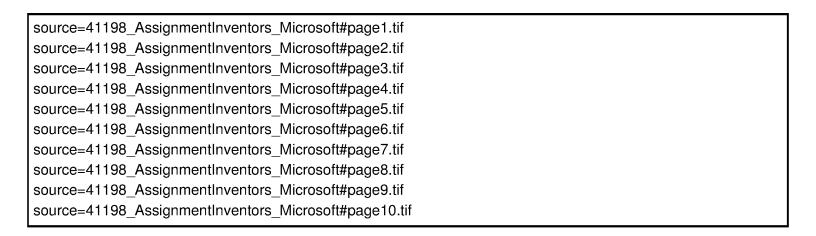
Address Line 4: MOUNTAIN VIEW, CALIFORNIA 94041

Total Attachments, 10	-
DATE SIGNED: 06/19/2019	
SIGNATURE: /Daniel R. Brownstone 46581/	
NAME OF SUBMITTER: DANIEL R. BROWNSTONE; REG NO 46,581	
ATTORNEY DOCKET NUMBER: 20662-41198/US	

Total Attachments: 10

PATENT REEL: 049524 FRAME: 0011

505533964



PATENT REEL: 049524 FRAME: 0012

PATENT ASSIGNMENT MS Docket No.: 355817.01 I _____ Laxmikant Agrawal ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "PARKING IDENTIFICATION AND AVAILABILITY PREDICTION " ("APPLICATION"), which: \boxtimes 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 by the following Office No. APPLICATION'S this 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

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	

MS Docket No.: 355817.01

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).

WAGINT	11/17/2014
Inventor's Signature	Date
Laxmikant Agrawal	
Printed Name in English	Printed Name in Native Language (if other than English)

	PATENT.	ASSIGNMENT		MS Docket No.: 355817.01
original join	t inventor of subje	ct matter ("INVEN " <u>PARKING</u>	ITION") d	m the original inventor or ar lisclosed and/or claimed in a CATION AND AVAILABILIT
FREDICTION	_ (AFFECATION)	, willest.		
	ASSIGNEE'S legal LLC., One Mic (ASSIGNEE'S LEG parentheses (file No.	representative, M rosoft Way, Re JAL REPRESENTA d on by	licrosoft edmond, ATIVES), the	orizes, and requests, Technology Licensing, Washington 98052 to insert here in and given Application following Office his APPLICATION's
	Application No., 1	anng dute, and on	, , , , , , , , , , , , , , , , , , ,	i Kilomit
	was filed on	and wa	as given /	Application No
	u	by the following (Office	
behalf of its desirous of right of prio patents deriv	self and its succe acquiring, the enti rity, in the INVENTI ved therefrom, suc ited States, its	ssors and assign re and exclusive (ON and the APPLI h as continuing a	s ("ASSIC rights, til CATION (pplication	n limited liability company, or GNEE"), is entitled to, and is the and interest, including the (and all other applications and in whole or in part, in and gn countries ("APPLICATION")
REPRESENTA		he Application N	lo., filing	uests, ASSIGNEE'S LEGA g date, and Office into the nev are known:
Application I		Filing Date		Office

MS Docket No.: 355817.03

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).

68 Mille	11/12/14
Inventor's Signature	Date
Sudheer Pratipati	
Printed Name in English	Printed Name in Native Language (if other than English)

	PATENT A	SSIGNMENT	MS Docket No.: 355817.01
original joint patent appl	inventor of subject	t matter ("INVENTIO " <u>PARKING IDE</u>	am the original inventor or an N") disclosed and/or claimed in a NTIFICATION AND AVAILABILITY
	ASSIGNEE'S legal (LLC., One Micro (ASSIGNEE'S LEGal parentheses (filed No.	representative, Micro osoft Way, Redm AL REPRESENTATIV on	authorizes, and requests, soft Technology Licensing, ond, Washington 98052 ES), to insert here in and given Application of following Office this APPLICATION's when known;
	was filed on	and was g	iven Application No
		by the following Offic	ce
	u	".	
behalf of its desirous of right of prior patents deriv	self and its succes acquiring, the entir rity, in the INVENTIO ved therefrom, such ited States, its to	sors and assigns (" e and exclusive righ ON and the APPLICAT n as continuing appli	ngton limited liability company, on ASSIGNEE"), is entitled to, and is ts, title and interest, including the TON (and all other applications and cations, in whole or in part, in and foreign countries ("APPLICATION
REPRESENTA	TIVES to insert th		requests, ASSIGNEE'S LEGAL filing date, and Office into the ter they are known;
Application	No.	Filing Date	Office

MS Docket No.: 355817.01

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"));

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Commence	
Inventor's Signature	

Date

Audrey Colle

Printed Name in English

Printed Name in Native Language

(if other than English)

	PATENT ASSIGNMENT	MS Docket No.: 355817.01
original joint	lose De Oliveira ("ASSIGNOR") am inventor of subject matter ("INVENTION") d	isclosed and/or claimed in a
	ication entitled " <u>PARKING IDENTIFIC</u>	<u>CATION AND AVAILABILITY</u>
PREDICTION	" ("APPLICATION"), which:	
\boxtimes	will be filed. ASSIGNOR hereby author	
	ASSIGNEE'S legal representative, Microsoft	
	LLC., One Microsoft Way, Redmond,	
	(ASSIGNEE'S LEGAL REPRESENTATIVES),	
	parentheses (filed on	
	No by the	is APPLICATION's
	Application No., filing date, and Office, wher	
	Application No., ming date, and Office, where	i microvit,
	was filed on and was given A	Application No
	by the following Office	
	y	
	soft Technology Licensing, LLC, a Washingtor	
	elf and its successors and assigns ("ASSIC	
	acquiring, the entire and exclusive rights, tit	
	ity, in the INVENTION and the APPLICATION (
	red therefrom, such as continuing application	
	ited States, its territories, and all forei	gn countries ("APPLICATION
DERIVATIVES	"));	
	and the second of the second o	iests. ASSIGNEE'S LEGAI
	TIVES to insert the Application No., filing	
	ole for any APPLICATION DERIVATIVES after th	5
Application I	No. Filing Date	Office

MS Docket No.: 355817.01

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	11/18/2014
Inventor's Signature Jose De Olíveira	Date /
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT MS Docket No.: 355817.01 I ______Jeff Couckuyt ____ ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled " PARKING IDENTIFICATION AND AVAILABILITY PREDICTION " ("APPLICATION"), which: \boxtimes 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 by the following Office No. APPLICATION'S this 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")): hereby authorizes. and requests, ASSIGNEE'S ASSIGNOR

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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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 Jeff Couckuyt	11/18/14 Date
Printed Name in English	Printed Name in Native Language
	(if other than English)

RECORDED: 06/19/2019

MS Docket No.: 255817.01