#### 504228298 02/15/2017

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4274975

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
MARIYA ZHELEVA	08/10/2015
RANVEER CHANDRA	11/18/2015
ASHISH KAPOOR	08/10/2016
PAUL GARNETT	08/10/2015

#### **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:	14822177

## **CORRESPONDENCE DATA**

Fax Number: (888)813-3735

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.

Email: usdocket@microsoft.com

Correspondent Name: MICROSOFT CORPORATION

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Address Line 4: **REDMOND, WASHINGTON 98052** 

ATTORNEY DOCKET NUMBER:	357640,01
NAME OF SUBMITTER:	ELLEN BOERMEESTER
SIGNATURE:	/EB/
DATE SIGNED:	02/15/2017

#### **Total Attachments: 8**

source=357640-01-ASGN-MTL-Zheleva\_signed#page1.tif source=357640-01-ASGN-MTL-Zheleva\_signed#page2.tif source=357640-01-ASGN-MTL-Chandra-after filing#page1.tif source=357640-01-ASGN-MTL-Chandra-after filing#page2.tif

**PATENT REEL: 041257 FRAME: 0039** 504228298

source=357640-01-ASGN-MTL-Kapoor-after filing#page1.tif source=357640-01-ASGN-MTL-Kapoor-after filing#page2.tif source=357640-01-ASGN-MTL-Garnett-signed#page1.tif source=357640-01-ASGN-MTL-Garnett-signed#page2.tif

PATENT REEL: 041257 FRAME: 0040

I Mariya Zheleva ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "SPECTRUM SLEUTH" ("APPLICATION"), which:

MS Docket No.: 357640.01

X	will	be	filed.	ASSI	GNOR	hereby	autho	orizes,	and	reque	ests,
	ASSI	GNEI	E'S leg	gal repre	esentat	ive, Micr	rosoft	Techn	ology	Licens	ing,
	LLC.	, C	ne l	Microsof	t Way	, Redr	nond,	Wasl	ningto	n 98	052
	(ASS	IGNE	E'S	LEGAL	REPRES	SENTATI	VES),	to i	nsert	here	in
	pare	nthe	ses (f	iled on 🛭	<u>August</u>	10, 201	<u>5</u> and	given	Appli	cation	No.
	<u>1482</u>	<u> 2217</u>	<u>'7</u> by	the follo	wing (	Office <u>US</u>	<u> </u>	ited St	tates I	Patent	<u>and</u>
	<u>Trad</u>	ema	<u>rk Off</u>	<u>ice</u> ) this	APPLIC	CATION's	Appli	cation	No., 1	filing d	ate,
	and	Offic	e, who	en know	n;						

$\square$ was filed on $\_\_$	and was given Application
No	by the following Office
u	n.

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:

tollowing table for any Art Electron believatives after they are known,					
Application No.	Filing Date	Office			
	1	1			

Page 1 of 2

MS Docket No.: 357640.01

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).

Inventoris Signature

Mariya Zheleva
Printed Name in English

Date

MAPUS HENERA
Printed Name in Native Language
(if other than English)

MS Docket No.: 357640.01

I Ranveer Chandra ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "SPECTRUM SLEUTH" ("APPLICATION"), which:

X	will	be	filed.	ASSIGNOR	hereby	authorizes,	and	reques	sts,
	ASSI	GNEI	E'S legal	representat	ive, Micr	osoft Techno	ology	Licensi	ng,
	LLC.	, On	e Microso	oft Way, Redi	mond, Wa	ashington 980	)52 (A	SSIGNE	E'S
	LEGA	AL R	EPRESEN <sup>-</sup>	TATIVES), to	insert h	ere in paren	theses	(filed	on
	<u>Aug</u> ı	ust 1	<u>10, 2015</u>	and given	Applicati	on No. <u>148</u>	<u> 32217</u>	<u>7</u> by	the
	follo	wing	office <u>U</u>	S – United St	ates Pate	nt and Tradei	mark (	Office) t	his
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	was	filed	on	6	and was g	given Applica	tion		

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No \_\_\_\_\_\_ by the following Office

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

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

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MS Docket No.: 357640.01

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Ranveer Chom						
V	18 <sup>th</sup> Nov, 2015					
Inventor's Signature	Date					
Ranveer Chandra						
Printed Name in English	Printed Name in Native Language					
g	(if other than English)					

MS Docket No.: <u>357640.01</u>

I Ashish Kapoor ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "SPECTRUM SLEUTH" ("APPLICATION"), which:

X	will	be	filed.	ASSIGNOR	hereby	authoriz	es, and	reque	sts,
	ASSI	GNEI	E'S legal	representat	ive, Micr	osoft Te	chnology	Licensi	ng,
	LLC.	, On	e Microso	oft Way, Redr	nond, Wa	ashington	98052 (	ASSIGNE	EE'S
	LEGA	AL R	EPRESEN <sup>-</sup>	TATIVES), to	insert h	ere in pa	irenthese	s (filed	on
	<u>Aug</u> ı	ust	10, 2015	and given	Applica	tion No.	148221	<u>77</u> by	the
	follo	wing	) Office <u>U</u>	<u>S – United St</u>	ates Pate	ent and Tr	<u>ademark</u>	Office) 1	this
	APPL	-ICA	ΓΙΟΝ's Αμ	oplication No	o., filing o	date, and	Office, wh	ien kno	wn;
	was	filed	on	â	and was o	aiven App	lication		

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"));

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Application No.	Filing Date	Office

MS Docket No.: <u>357640.01</u>

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\$ 10 miles   10 miles	Aug 10, 2016
Inventor's Signature	Date
Ashish Kapoor	
Printed Name in English	Printed Name in Native Language
	(if other than English)

I Paul Garnett ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "SPECTRUM SLEUTH" ("APPLICATION"), which:

MS Docket No.: 357640.01

X	will	be	filed.	ASSIGNOR	hereby	authorizes	and	reque	sts,
	ASSI	GNE	E'S legal	representat	tive, Micr	osoft Techr	ology	Licensi	ing,
	LLC.	, One	e Microsc	oft Way, Red	mond, Wa	ashington 98	3052 (4	ASSIGNI	EE'S
	LEGA	AL R	EPRESENT	ΓΑΤΙVES), to	insert h	ere in pare	nthese	s (filed	on
	<u>Aug</u>	ust 1	10, 2015	and given	Applicat	ion No. <u>14</u>	82217	<u>'7</u> by	the
	follo	wing	) Office <u>U</u>	S – United St	tates Pate	ent and Trade	<u>emark (</u>	Office)	this
	APPL	-ICA	ΓΙΟΝ's Αμ	plication No	o., filing c	late, and Off	ice, wh	en kno	wn;
	was	filed	on	;	and was g	given Applic	ation		

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Paul Donnito	8 10 15
Inventor's Signature	Date
Paul Garnett	
Printed Name in English	Printed Name in Native Language
	(if other than English)