### 504203939 01/30/2017

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4250615

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
TOBIAS GROSSE-PUPPENDAHL	01/27/2017
JAMES SCOTT	01/27/2017
RINKU SREEDHAR	01/30/2017
JOHN FRANCISCUS MARIE HELMES	01/28/2017
HANCHUAN LI	01/30/2017

### **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:	15420006

### **CORRESPONDENCE DATA**

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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.

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ATTORNEY DOCKET NUMBER:	401022-US-NP
NAME OF SUBMITTER:	HOLLI L. TEMPLETON
SIGNATURE:	/Holli L. Templeton/
DATE SIGNED:	01/30/2017
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**Total Attachments: 10** 

PATENT REEL: 041126 FRAME: 0773

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PATENT REEL: 041126 FRAME: 0774

## PATENT ASSIGNMENT MS Docket No.: 401022-US-NP

I <u>Tobias GROSSE-PUPP</u> original joint inventor of subjugatent application entitled " <u>L</u> ("APPLICATION"), which:	ect matter ("INVENTION")	
ASSIGNEE'S legal LLC., One Mid (ASSIGNEE'S LEG parentheses (file No. Office	ASSIGNOR hereby auth representative, Microsoft crosoft Way, Redmond, GAL REPRESENTATIVES), d on by	Technology Licensing, Washington 98052 to insert here in and given Application the following ) this APPLICATION's
No	and was given by the following Office ";	
Microsoft Technology Libehalf of itself and its succeedesirous of acquiring, the entiright of priority, in the INVENT patents derived therefrom, sucfor the United States, its DERIVATIVES"));	essors and assigns ("ASSIC ire and exclusive rights, ti ION and the APPLICATION th as continuing application	tle and interest, including the (and all other applications and ns, in whole or in part, in and
ASSIGNOR hereby REPRESENTATIVES to insert t following table for any APPLICA	he Application No., filin	_
Application No.	Filing Date	Office

Page 1 of 2

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).

To Repende Mul	27.01.2017 Date
Tobias Grosse-Puppendahl Printed Name in English Tobias GROSSE-PUPPENDAHL	Printed Name in Native Language (if other than English)

# PATENT ASSIGNMENT MS Docket No.: 401022-US-NP

I <u>James SCOTT</u> ("ASS	IGNOR") am the original	inventor or an original join
inventor of subject matter	("INVENTION") disclosed	and/or claimed in a paten
application entitled "USE	OF THERMOPILES TO [	DETECT HUMAN LOCATION
("APPLICATION"), which:		
_		
oxtimes will be filed.	ASSIGNOR hereby auth	norizes, and requests,
ASSIGNEE'S lega	al representative, Microsoft	Technology Licensing,
LLC., One M	icrosoft Way, Redmond	, Washington 98052
(ASSIGNEE'S L	EGAL REPRESENTATIVES),	to insert here in
parentheses (fil	ed on	and given Application
No	by	the following
Office		) this APPLICATION's
Application No.,	filing date, and Office, who	en known;
$\sqcup$ was filed on	and was given	Application
	by the following Offic	e
<b>"</b>	".	
<del>-</del> •		on limited liability company, or
behalf of itself and its succ	cessors and assigns ("ASSI	GNEE"), is entitled to, and is
desirous of acquiring, the en	tire and exclusive rights, t	itle and interest, including the
right of priority, in the INVEN	TION and the APPLICATION	(and all other applications and
patents derived therefrom, su	uch as continuing applicatio	ons, in whole or in part, in and
for the United States, its	territories, and all fore	ign countries ("APPLICATION
DERIVATIVES"));		
ASSIGNOR hereby	authorizes, and req	uests, ASSIGNEE'S LEGAI
REPRESENTATIVES to insert	the Application No., filin	g date, and Office into the
following table for any APPLIC	ATION DERIVATIVES after t	hey are known;
Application No.	Filing Date	Office

Page 1 of 2

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"));

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Inventor's Signature	27 January 2017 Date
Printed Name in English James SCOTT	Printed Name in Native Language (if other than English)

MS Docket No.: 401022-US-NP

inventor of	subject matter entitled " <u>USE</u>	("INVENTION") disclosed	l inventor or an original joint and/or claimed in a patent DETECT HUMAN LOCATION'
$\boxtimes$	will be filed.	ASSIGNOR hereby auti	norizes, and requests,
	ASSIGNEE'S legal LLC., One Mi (ASSIGNEE'S LE parentheses (file	representative, Microsof crosoft Way, Redmond GAL REPRESENTATIVES), d on	t Technology Licensing, , Washington 98052 to insert here in and given Application
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	Application No.,	filing date, and Office, who	m Krown,
	was filed on	and was given	Application
		by the following Offic	
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behalf of its desirous of a right of prior patents deriv	self and its succe acquiring, the ent rity, in the INVENT red therefrom, suc ited States, its	essors and assigns ("ASS ire and exclusive rights, t ION and the APPLICATION th as continuing application	on limited liability company, on GNEE"), is entitled to, and is itle and interest, including the (and all other applications and ons, in whole or in part, in and lign countries ("APPLICATION
REPRESENTA:	TIVES to insert	the Application No., filir	uests, ASSIGNEE'S LEGAL ng date, and Office into the
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s series and series and series	₹₩.	FIREST CARRAGE	1 W333CC
		<u> </u>	<b>†</b>

Page 1 of 2

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Inventor's Signature

RINKU SREEDHAR

Printed Name in English Rinku SREEDHAR )/3 0 /20 17 Date

Printed Name in Native Language (if other than English)

I <u>John Franciscus Marie HELMES</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>USE OF THERMOPILES TO DETECT HUMAN LOCATION</u>" ("APPLICATION"), which:

X	will	be	filed.	ASSIGN	OR	hereby	auth	orizes,	and	requ	ests,
	ASSI	GNE	E'S lega	al represe	nta	ive, Mici	rosoft	Techno	ology	Licens	sing,
	LLC.	, On	e Micro	soft Way, I	Red	mond, Wa	ashing	ton 980	052 (A	ASSIGN	1EE'S
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	"					<u>"</u> ,					

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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July	28/01/2017
Inventdr's Signature	Date
Printed Name in English	Printed Name in Native Language
John Franciscus Marie HELMES	(if other than English)

I <u>Hanchuan LI</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "USE OF THERMOPILES TO DETECT HUMAN LOCATION" ("APPLICATION"), which:

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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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MS Docket No.:	401022-US-NP
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anchuan Li	01/30/2017
nventor's Signature	Date
Hanchuan Li	李寒川
Printed Name in English	Printed Name in Native Language
Hanchuan LI	(if other than English)

RECORDED: 01/30/2017