#### 504330434 04/20/2017

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT4377120

Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
SCOTT FRANCIS FULLAM	04/19/2017
LEV CHERKASHIN	04/18/2017
STEVEN JAMES VELAT	04/18/2017

#### **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:	15492408

#### CORRESPONDENCE DATA

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Address Line 2: **SUITE 1000** 

Address Line 4: SALT LAKE CITY, UTAH 84111

ATTORNEY DOCKET NUMBER:	20844.39.1
NAME OF SUBMITTER:	W. BRAD BARGER
SIGNATURE:	/W. Brad Barger/
DATE SIGNED:	04/20/2017

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

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**PATENT** REEL: 042081 FRAME: 0237 504330434

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PATENT REEL: 042081 FRAME: 0238

MS Docket No.: 401100-US-NP WN Docket No.: 20844.39.1

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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"));

Page 1 of 2

MS Docket No.: 401130-US-NP WN Docket No.: 20844.39.1

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).

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445	418/17
inventor's Signature	1.481C
Scott Francis Fullam	
Printed Name in English	Printed Name in Native Language (if other than English)

MS Docket No.: 401130-US-NP WN Docket No.: 20844.39.1

			nal inventor or an original joint invento
			ilmed in a patent application entitle
" Magnetic T	racker Dual Mode	_" ("APPLICATION"), w	hich:
×	legal representative Way, Redmond REPRESENTATI on April 20, 2017 following Office	re, Microsoft Technology I, Washington 9805 VES), to insert be Mandal Microsoft Section 1 to 1	es, and requests, ASSIGNEE'S Licensing, LLC, One Microsoft 2 (ASSIGNEE'S LEGAL ere in parentheses (filed ion No. 15/492,408 by the) this APPLICATION's ten known;
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continuing appropriate countraction ASSIGNEEPRESENT.	plications, in wholies ("APPLICATION NOR hereby ATIVES to insert to	e or in part, in and for the DN DERIVATIVES"));  authorizes, and representation No., filing of the second s	d patents derived therefrom, such as united States, its territories, and all requests, ASSIGNEE'S LEGAL date, and Office into the following table
,		ATIVES after they are kno	own; Office
Application ?	VO.	Filing Date	Office
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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"));

MS Docket No.: 401130-US-NP WN Docket No.: 20844.39.1

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

Lev Cherkashin

Printed Name in English

04/18/2017

NEB YEPKAWUH

Printed Name in Native Language (if other than English)

# PATENT ASSIGNMENT MS Docket No.: 401130-US-NP WN Docket No.: 20844.39.1 I Steven James Velat ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Magnetic Tracker Dual Mode" ("APPLICATION"), which:

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	Way, Redn REPRESENT on April 20,	nond, Washington ATIVES), to insi 2017 and given A	98052 ert here pplication	(ASSIGNEE'S in parenthese No. 15/492,408	LEGAL s (filed by the
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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"));

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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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"));

Page 1 of 2

PATENT REEL: 042081 FRAME: 0243

MS Docket No.: 401130-US-NP WN Docket No.: 20844.39.1

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).

mor's fignature

Steven James Velat

Printed Name in English

Printed Name in Native Language (if other than English)

Page 2 of 2