504181676 01/17/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4229309

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DUSTIN JOHN TIFFANY	01/17/2017
BENJAMIN MICHAEL FINNEY	01/17/2017
AARON SCHMITZ	01/17/2017

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:	15408302

CORRESPONDENCE DATA

Fax Number: (425)936-7329

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: 425-707-9382

Email: USDocket@microsoft.com

Correspondent Name: ASSAL MEFTAHI

Address Line 1: ONE MICROSOFT WAY

Address Line 2: PATENT GROUP DOCKETING DEPT Address Line 4: **REDMOND, WASHINGTON 98052**

ATTORNEY DOCKET NUMBER:	361798.01
NAME OF SUBMITTER:	VLADIMIR A. KOZYREV
SIGNATURE:	/Vladimir A. Kozyrev/
DATE SIGNED:	01/17/2017

Total Attachments: 6

source=361798.01 Executed Assignments#page1.tif source=361798.01 Executed Assignments#page2.tif source=361798.01 Executed Assignments#page3.tif

PATENT REEL: 040993 FRAME: 0782 504181676

source=361798.01 Executed Assignments#page4.tif source=361798.01 Executed Assignments#page5.tif source=361798.01 Executed Assignments#page6.tif

> PATENT REEL: 040993 FRAME: 0783

PATENT ASSIGNMENT MS Docket No.: 361798.01

I Dustin John Tiffany ("AS	SSIGNOR") am the original	inventor or an original joint
inventor of subject matter ("l	, J	5 5
application entitled "THUMBSTIC		•
	ASSIGNOR hereby autho	•
	epresentative, Microsoft	5,
LLC, One Microsoft	: Way, Redmond, Washingt	on 98052 (ASSIGNEE'S
LEGAL REPRESENTA	ATIVES), to insert here in pa	arentheses (filed on
January 17, 2017	_ and given Application No	o. <u>15/408,302</u> by
the following Office	e) this
	olication No., filing date, ar	
у ж. ү = гох т т о т о т о т		, , , , , , , , , , , , , , , , , , , ,
☐ was filed on	and was given A	pplication No
by the following Of	<u> </u>	,
behalf of itself and its successors of acquiring, the entire and exception priority, in the INVENTION and the derived therefrom, such as contunited States, its territories, and	s and assigns ("ASSIGNEE"), clusive rights, title and in he APPLICATION (and all o inuing applications, in wh all foreign countries ("APF zes, and requests, ASSIGN	terest, including the right of ther applications and patents tole or in part, in and for the PLICATION DERIVATIVES")); EE'S LEGAL REPRESENTATIVES
APPLICATION DERIVATIVES after	they are known;	
Application No.	Filing Date	Office
•	<u> </u>	

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).

Dutin John Tiphro	01/17/2017
Inventor's Signature	Date
Dustin John Tiffany	
Printed Name in English	Printed Name in Native Language
	(if other than English)

MS Docket No.: 361798.01

I <u>Benjamin Michael Finn</u>	<u>ey</u> ("ASSIGNOR") am the o	original inventor or an origina
joint inventor of subject matte	er ("INVENTION") disclose	d and/or claimed in a paten
application entitled " $\underline{THUMBSTI}$	<u>CK FOR USER INPUT DEVIC</u>	<u>E</u> " ("APPLICATION"), which:
oxtimes will be filed.	ASSIGNOR hereby auth	orizes, and requests,
ASSIGNEE'S legal	representative, Microsoft	Technology Licensing,
•	ft Way, Redmond, Washind	<i>5</i> ,
,	ATIVES), to insert here in p	•
	$\frac{7}{2}$ and given Application N	•
	Application No., filing da	
known;		
\square was filed on	and was given .	Application No
by the following (Office "	".
·		
Microsoft Technology Lie	censing, LLC, a Washingto	n limited liability company, or
behalf of itself and its succe	ssors and assigns ("ASSIC	GNEE"), is entitled to, and is
desirous of acquiring, the enti	re and exclusive rights, ti	tle and interest, including the
right of priority, in the INVENTI	ON and the APPLICATION	(and all other applications and
patents derived therefrom, suc	h as continuing applicatio	ns, in whole or in part, in and
for the United States, its	territories, and all forei	gn countries ("APPLICATION
DERIVATIVES"));	•	
ASSIGNOR hereby	authorizes, and requ	uests, ASSIGNEE'S LEGAI
REPRESENTATIVES to insert t	he Application No., filin	g date, and Office into the
following table for any APPLICA	TION DERIVATIVES after th	ney are known;
Application No.	Filing Date	Office
	1	1

MS Docket No.: 361798.01

MS Docket No.: 361798.01

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).

Inventor's Signature Date

Benjamin Michael Finney

Printed Name in English Printed Name in Native Language

Printed Name in Native Language (if other than English)

inventor of application e	subject matter entitled " <u>THUMBST</u> will be filed. ASSIGNEE'S lega LLC, One Microso LEGAL REPRESEN January 17, 20 ⁻¹ the following Of	("INVENTION") dis ICK FOR USER INPU ASSIGNOR here I representative, Month oft Way, Redmond, TATIVES), to insert IT and given App Fice	original inventor or a closed and/or claime of the claime of the claim	ed in a patent ON"), which: requests, Jicensing, SSIGNEE'S led on 2by) this
	was filed on	and w	as given Application No	,
333.23			as given application 140	
desirous of right of prior patents deriv	acquiring, the ent rity, in the INVENT red therefrom, su- ited States, its	ire and exclusive ION and the APPLI ch as continuing a	s ("ASSIGNEE"), is enti rights, title and interes CATION (and all other a pplications, in whole o all foreign countries	it, including the applications and r in part, in and
ASSIG	NOR hereby	authorizes, and	d requests, ASSIC	INEE'S LEGAL
REPRESENTA	TIVES to insert	the Application N	lo., filing date, and (S after they are known;	Office into the
Application \(^{\chi_0}		Filing Date	Office	
······································		-		
				1

Page 1 of 2

MS Docket No.: 361798.01

MS Docket No.: 361798.01

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).

Inventor's Signature

Date

Aaron Schmitz

Printed Name in English

Printed Name in Native Language
(if other than English)