502638364 01/16/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2684972

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DANIEL J. HWANG	01/15/2014
JUAN (LYNN) DAI	01/15/2014
SHARATH VISWANATHAN	01/15/2014

RECEIVING PARTY DATA

Name:	MICROSOFT CORPORATION	
Street Address:	ONE MICROSOFT WAY	
City:	REDMOND	
State/Country:	WASHINGTON	
Postal Code:	98052	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14152838

CORRESPONDENCE DATA

Fax Number: (425)936-7329 Phone: 425-707-9382

Email: chartness@cpaglobal.com

Correspondence will be sent via US Mail when the email attempt is unsuccessful.

Correspondent Name: BRYAN S. WADE
Address Line 1: ONE MICROSOFT WAY

Address Line 4: REDMOND, WASHINGTON 98052

ATTORNEY DOCKET NUMBER:	339175.01
NAME OF SUBMITTER:	BRYAN S. WADE
Signature:	/Bryan S. Wade, #58,228/
Date:	01/16/2014 PATENT

502638364 REEL: 031983 FRAME: 0300

Total Attachments: 6 source=339175.01 Executed Updated Assignment#page1.tif source=339175.01 Executed Updated Assignment#page2.tif source=339175.01 Executed Updated Assignment#page3.tif source=339175.01 Executed Updated Assignment#page4.tif source=339175.01 Executed Updated Assignment#page5.tif

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PATENT REEL: 031983 FRAME: 0301

PATENT ASSIGNMENT

I <u>Daniel J. Hwang</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>INCREASING TOUCH AND/OR HOVER ACCURACY ON A TOUCH-ENABLED DEVICE</u>" ("APPLICATION"), which:

will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on January 10, 2014 and given Application No. 14/152,838 by the following Office US – United States Patent and Trademark Office) this APPLICATION's Application No., filing date, and Office, when known;

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

Microsoft Corporation, a Washington Corporation, 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

Page 1 of 2

MS Docket No.: 339175.01

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).

Dane Hitz	1-15-2014
Inventor's Signature	Date
Daniel J. Hwang	
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT ASSIGNMENT

I <u>Juan (Lynn) Dai</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>INCREASING TOUCH AND/OR HOVER ACCURACY ON A TOUCH-ENABLED DEVICE</u>" ("APPLICATION"), which:

\boxtimes	will	be	filed.	ASSIGNOR	hereby	authorize	es, and	request	s,
	ASSI	GNE	E'S legal	representat	ives, of tl	ne Law and	d Corpor	ate Affai	rs
	Depa	artm	ent, Micı	rosoft Corpo	ration, O	ne Micros	oft Way,	Redmon	d,
	Wasl	hing	ton 9805	2 (ASSIGNE	e's legal	REPRESEN	ITATIVES), to inse	rt
	here	in	parenth	neses (filed	on <u>Jan</u>	<u>uary 10,</u>	<u> 2014</u>	and give	ın
	App	licati	on No. <u> </u>	<u>14/152,838</u>	by the f	following	Office <u>U</u>	5 – Unite	<u>ed</u>
	State	es	<u>Patent</u>	and Trade	mark C	office) th	is APPL	ICATION	's
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and was given Application
by the following Office
n.

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ZA> 19	
3/2/d	1/15/2014
Inventor's Signature	Date
Juan (Lynn) Dai	<u> </u>
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT ASSIGNMENT

I <u>Sharath Viswanathan</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>INCREASING TOUCH AND/OR HOVER ACCURACY ON A TOUCH-ENABLED DEVICE</u>" ("APPLICATION"), which:

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Page 1 of 2

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PATENT	ASSIGNMENT	MS	Docket No.:	339175.01

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Inventor's Signature Sharath Viswanathan Printed Name in English Printed Name in Native Language (if other than English)