# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2890652

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
JYH-HAN LIN	05/09/2014
CHIH-WEI WANG	05/09/2014
STEPHEN P. DIACETIS	05/09/2014

### **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:	14275467

### CORRESPONDENCE DATA

Fax Number: (415)489-4150

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:	MSFT-01787US0
NAME OF SUBMITTER:	LARRY E. VIERRA
SIGNATURE:	/Larry E. Vierra/
DATE SIGNED:	06/09/2014

## **Total Attachments: 6**

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PATENT

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PATENT REEL: 033060 FRAME: 0913

atty. Docket No.: MSF	<u>-01787US0</u> I	PATENT ASSIGNM	ŒNT	MS Docket No.:	340007.01
or an original	oint inventor of	subject matter ("IN" "ADAPTIVE POSITIC	VENTION	") disclosed and/	or claimed in
# C V H N <u>a</u>	ASSIGNEE'S lega Department, Mic Vashington 980 Jere in parenthe No14/275,467	ASSIGNOR herekers of representatives, of crosoft Corporation, 52 (ASSIGNEE'S LEG ses (filed on May 15 by the following Office) this APPLICA when known;	f the Law , One Mic AL REPRE 2, 2014 Office <u>US</u>	and Corporate A crosoft Way, Red ESENTATIVES), to and given Appli — United States	Affairs mond, insert cation Patent
		and wa by the followir ";		Application	
successors and extended extend	d assigns ("ASS clusive rights, to d the APPLICA th as continuing tories, and all fo DR hereby autho	a Washington Cor IGNEE"), is entitled title and interest, in TION (and all oth g applications, in wo preign countries ("A prizes, and requests filing date, and O	to, and ncluding er applic hole or i PPLICATI	is desirous of actions and pate not and pate not part, in and food on DERIVATIVES	equiring, the ority, in the ents derived or the United '));
		er they are known;			
Application N	0.	Filing Date		Office	
	<u>.                                    </u>				
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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"));

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

Jyh-Han Lin

Printed Name in English

5/9/2014

Date

孙心钢

Printed Name in Native Language (if other than English)

Docket No.: MSFT-01787US0 PA		MS Docket No.: 340007.01
l <u>Chih-Wei Wang</u>		("ASSIGNOR") am the original
inventor or an original joint inventor or an original joint inventor claimed in a patent applicate ("APPLICATION"), which:	entor of subject matter ("I	NVENTION") disclosed and/or
ASSIGNEE'S legal re Department, Micro Washington 98052 here in parenthese No14/275,467	ASSIGNOR hereby author epresentatives, of the Law soft Corporation, One Mice (ASSIGNEE'S LEGAL REPRES) (filed on May 12, 2014 by the following Office USE (fice) this APPLICATION's when known;	and Corporate Affairs crosoft Way, Redmond, ESENTATIVES), to insert and given Application — United States Patent
	and was given A by the following Office ";	
successors and assigns ("ASSIG entire and exclusive rights, titl	NEE"), is entitled to, and e and interest, including	the right of priority, in the
to insert the Application No., f	applications, in whole or i eign countries ("APPLICATI zes, and requests, ASSIGN iling date, and Office into	n part, in and for the United ON DERIVATIVES")); EE'S LEGAL REPRESENTATIVES
ASSIGNOR hereby authori to insert the Application No., f	applications, in whole or in eign countries ("APPLICATI zes, and requests, ASSIGN iling date, and Office into they are known;	n part, in and for the United ON DERIVATIVES"));  EE'S LEGAL REPRESENTATIVES the following table for any
therefrom, such as continuing a States, its territories, and all fore ASSIGNOR hereby authorito insert the Application No., f	applications, in whole or i eign countries ("APPLICATI zes, and requests, ASSIGN iling date, and Office into	n part, in and for the United ON DERIVATIVES")); EE'S LEGAL REPRESENTATIVES
ASSIGNOR hereby authori to insert the Application No., f	applications, in whole or in eign countries ("APPLICATI zes, and requests, ASSIGN iling date, and Office into they are known;	n part, in and for the United ON DERIVATIVES"));  EE'S LEGAL REPRESENTATIVES the following table for any
ASSIGNOR hereby authori to insert the Application No., f	applications, in whole or in eign countries ("APPLICATI zes, and requests, ASSIGN iling date, and Office into they are known;	n part, in and for the United ON DERIVATIVES")); EE'S LEGAL REPRESENTATIVES the following table for any
ASSIGNOR hereby authori to insert the Application No., f	applications, in whole or in eign countries ("APPLICATI zes, and requests, ASSIGN iling date, and Office into they are known;	n part, in and for the United ON DERIVATIVES")); EE'S LEGAL REPRESENTATIVES the following table for any

Page 1 of 2

PATENT REEL: 033060 FRAME: 0916 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).

Di harristi e	• /
Molled	05'09'2014
Inventor's Signature	Date
	王智茸
Printed Name in English	Printed Name in Native Language (if other than English)

. Docket No.: MSFT	<u>-01787US0</u>	PATENT ASSIGNMENT	MS Docket No.: <u>340007.01</u>
Ι	Stephen P. Di	Acetis	_ ("ASSIGNOR") am the original
			INVENTION") disclosed and/or
claimed in a	patent appl	ication entitled "ADAPTIVE	POSITION DETERMINATION"
("APPLICATION"	"), which:		
⊠w	vill be filed.	ASSIGNOR hereby author	orizes, and requests,
		al representatives, of the Lav	
	_	icrosoft Corporation, One Mi	•
W	ashington 98	052 (ASSIGNEE'S LEGAL REPR	ESENTATIVES), to insert
h	ere in parenth	eses (filed on <u>May 12, 2014</u>	_ and given Application
N	o. <u>14/275,46</u>	$^7$ by the following Office <u>U</u>	<u>S – United States Patent</u>
<u>aı</u>	<u>nd Trademark</u>	Office) this APPLICATION's	Application No., filing
d	ate, and Office	e, when known;	
□w	as filed on	and was given A	Application
		by the following Office	
ш		",	
		,	
Microsof	ft Corporation	, a Washington Corporation	, on behalf of itself and its
successors and	d assigns ("AS	SIGNEE"), is entitled to, and	is desirous of acquiring, the
entire and exc	lusive rights,	title and interest, including	the right of priority, in the
INVENTION and	d the APPLIC	ATION (and all other appli	cations and patents derived
		- · ·	in part, in and for the United
States, its territ	tories, and all	foreign countries ("APPLICAT	ION DERIVATIVES"));
	•		IEE'S LEGAL REPRESENTATIVES
		=	o the following table for any
		ter they are known;	1 - 55
Application No	o	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"));

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Stepher A ack Inventor's Signature	5 9 14 Date
Stephen P. DiAcetis	
Printed Name in English	Printed Name in Native Language

(if other than English)