PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Chunshui Zhao	10/24/2012
Huan Ding	01/22/2013
Fan Li	02/26/2013
Jun Zhao	01/10/2013

RECEIVING PARTY DATA

Name:	Microsoft Corporation
Street Address:	One Microsoft Way
City:	Redmond
State/Country:	WASHINGTON
Postal Code:	98052-6399

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13781448

CORRESPONDENCE DATA

Fax Number: 5093238979

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

Phone: 5099444776

Email: cherri@leehayes.com
Correspondent Name: Lee and Hayes, PLLC
Address Line 1: 601 W Riverside
Address Line 2: Suite 1400

Address Line 4: Spokane, WASHINGTON 99201

ATTORNEY DOCKET NUMBER: MS1-5278US

NAME OF SUBMITTER: Cherri A. Simon

Total Attachments: 8

PATENT REEL: 030090 FRAME: 0832 OP \$40.00 13781

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PATENT REEL: 030090 FRAME: 0833

PATENT	ASSIGNMENT N	AS Docket No.:	335274.01
	Attorn	ey Docket No.:	MS1- 5278US
[Chunshui		•	the original inventor
or an original joint inventor of	subject matter ("INV	/ENTION") disclo	sed and/or claimed
in a patent application entitled			
DETERMININ	G USER DEVICE'S STA	RTING LOCATION	
("APPLICATION"), which:			
N-21	ASSIGNOR hereby	authorizes, au	nd requests.
	representatives, of the		•
_	osoft Corporation, O	-	
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	eses (filed on <u>Fe</u>		
	13/781,448 by the		
States Patent	and Trademark C	Office) this A	PPLICATION's
Application No., f	iling date, and Office	, when known;	
\square was filed on	and was g	given Applicatio	n No
	by the following Off	ice " <u>US – United</u>	States Patent
<u>and Trademark O</u>	<u>ffice</u>)";		
Microsoft Corporation,	a Washington Corpo	oration, on beh	alf of itself and its
successors and assigns ("ASSI			• = :
entire and exclusive rights, tit			
(and all other applications	•		-
applications, in and for the U		rritories, and a	II foreign countries
("APPLICATION DERIVATIVES"));			
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Application No.	Filing Date	Office	

Page 1 of 2

PATENT ASSIGNMENT MS Docket No.: 335274.01

Attorney Docket No.: MS1-5278US

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 in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES);

走春水	24/10/2013
Inventor's Signature	Date
Chunshui Zhao	
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT	ASSIGNMENT MS D	ocket No.: 3	335274.01
	Attorney D	ocket No.: N	/IS1- 5278US
I Huan Di	ng ("ASSIC		
or an original joint inventor of			
in a patent application entitled			
DETERMININ	G USER DEVICE'S STARTING	LOCATION	
("APPLICATION"), which:			
oxtimes will be filed.	ASSIGNOR hereby aut	norizes, and	requests,
ASSIGNEE'S legal	representatives, of the La	w and Corpor	rate Affairs
-	osoft Corporation, One M	•	
Washington 9805	2 (ASSIGNEE'S LEGAL REP	RESENTATIVES	S), to insert
here in parenth	eses (filed on		and given
Application No	by the follo	owing Office <u>L</u>	<u>JS – United</u>
States Patent	<u>and Trademark Office</u>) this APPL	LICATION's
	iling date, and Office, who	•	
\square was filed on	and was given	Application N	No
	by the following Office " <u>l</u>	JS – United Sta	<u>ates Patent</u>
<u>and Trademark O</u>	<u>ffice</u>)";		
Microsoft Corporation,	a Washington Corporatio	n, on behalf	of itself and its
successors and assigns ("ASSI			· - ·
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applications, in and for the	·	ies, and all i	toreign countries
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PATENT ASSIGNMENT MS Docket No.: 335274.01

Attorney Docket No.: MS1-5278US

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1/p2	2013.1.22
Inventor's Signature	Date
Huan Ding	J 双
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT	ASSIGNMENT M	IS Docket No.:	335274.01
	Attorn	ey Docket No.:	MS1- 5278US
IFan L		-	the original inventor
or an original joint inventor of	subject matter ("INV	ENTION") disclo	sed and/or claimed
in a patent application entitled			
DETERMININ	G USER DEVICE'S STAF	RTING LOCATION	
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("APPLICATION"), which:			
N 	ASSIGNOR hereby	authorizes ar	nd requests
	representatives, of th		
-	osoft Corporation, O	•	
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·	13/781,448 by the		_
• •	and Trademark O	_	
Application No., f	iling date, and Office	, when known;	
\square was filed on	and was g	given Application	n No
	by the following Offi	ice " <u>US – United</u>	States Patent
<u>and Trademark O</u>	ffice)";		
Microsoft Corporation,	a Washington Corpo	oration, on beha	alf of itself and its
successors and assigns ("ASSI	GNEE"), is entitled to	, and is desirou	us of acquiring, the
entire and exclusive rights, tit			
(and all other applications	•		_
applications, in and for the	United States, its ter	rritories, and a	ll foreign countries
("APPLICATION DERIVATIVES"));			
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Page 1 of 2

PATENT ASSIGNMENT MS Docket No.: 335274.01

Attorney Docket No.: MS1- 5278US

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Fan Li	2013/2/26
Inventor's Signature	Date
Fan Li	李凡
Printed Name in English	Printed Name in Native Language (if other than English)

	PATENT	ASSIGNMENT	MS Do	cket No.:	335274.01
		Α	ttorney Do	cket No.:	MS1- 5278US
	Jun Zh		~		he original inventor
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in a patent a	pplication entitled				
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	and Trademark O		y 1813		
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successors a	and assigns ("ASSI	JNEE"), is entitle	ed to, and	is desirou	is of acquiring, the
entire and e	xclusive rights, tit	le and interest	in the INVI	ENTION an	d the APPLICATION
(and all ot	her applications	and patents de	erived the	refrom, s	uch as continuing
applications,	, in and for the I	Jnited States, it	ts territori	es, and al	l foreign countries
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Jun Zhao	1/16 (2013
Inventor's Signature	Date
Jun Zhao	<u>美</u> 人 1发
Printed Name in English	Printed Name in Native Language
	(if other than English)