502146277 11/30/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Haitao Wu	10/29/2012
Guohan Lv	11/28/2012
Chuanxiong Guo	11/08/2012
Yongqiang Xiong	10/29/2012
Yongguang Zhang	11/19/2012

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13690345

CORRESPONDENCE DATA

5099444692 Fax Number:

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

Phone: 509-324-9256

Email: Lynne@leehayes.com Correspondent Name: Lee & Hayes, PLLC

Address Line 1: 601 W. Riverside Ave, Suite 1400 Address Line 4: Spokane, WASHINGTON 99201

ATTORNEY DOCKET NUMBER:	MS1-5328US
NAME OF SUBMITTER:	Lynne Mahan

Total Attachments: 10

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PATENT

REEL: 029383 FRAME: 0207

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PATENT REEL: 029383 FRAME: 0208

PATENT	ASSIGNMENT	MS Docket No.:	336982.01			
	Att	orney Docket No.:	MS1- 5328US			
Haitao V	Vu	ू ("ASSIGNOR") am t	he original inventor			
	or an original joint inventor of subject matter ("INVENTION") disclosed and/or claim					
in a patent application entitled						
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Microsoft Corporation, a	ı Washington Co	rporation, on beha	alf of itself and its			
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Attorney Docket No.: MS1-5328US

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);

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).

Gam	Oct. 29, 2012
Inventor's Signature	Date
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PATENT ASSIGNMENT

MS Docket No.:

336982.01

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NCV. 28, 2012

Inventor's Signature

Guohan Lv

Printed Name in English

Date

Printed Name in Native Language

(if other than English)

	PATENT	ASSIGNMENT	MS Do	ocket No.:	336982.01
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Inventor's Signature Date

Chosenxiong Guo
Printed Name in English Printed Name in Native Language

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	PATENT	ASSIGNMENT	MS Do	cket No.:	336982.01
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Inventor's Signature

Yongqiang Xiong

Printed Name in English

Date

Printed Name in Native Language (if other than English)

Page 2 of 2

	PATENT A	ASSIGNMENT	MS Docket No.:	336982.01
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Inventor's Signature

Yongguang Zhang

Printed Name in English

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