### 502490046 09/10/2013

### PATENT ASSIGNMENT

## Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
John Lawrence Hamby	09/03/2013
Michal Strehovsky	08/07/2013
David Charles Wrighton	08/13/2013
Atsushi Kanamori	08/07/2013
Fadi M. Hanna	08/20/2013

#### **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:	13867143	

### **CORRESPONDENCE DATA**

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	PATENT
NAME OF SUBMITTER:	Michael B. Dodd
ATTORNEY DOCKET NUMBER:	338284.01

502490046 REEL: 031177 FRAME: 0560

OP \$40,00 13867143

Signature:	/Michael B. Dodd/
Date:	09/10/2013
Total Attachments: 10	
source=MS# 338284.01 - Assignment - Hamby - signed#page1.tif source=MS# 338284.01 - Assignment - Hamby - signed#page2.tif	
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PATENT REEL: 031177 FRAME: 0561

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Page 1 of 2

PATENT REEL: 031177 FRAME: 0562

MS Docket No.: 338284.01

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 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).

D-7-5	September 3, 2013
Inventor's Signature	Date
John Lawrence Hamby	*
Printed Name in English	Printed Name in Native Language (if other than English)

inventor of application e	subject matter (	"INVENTION") disclo LING RUNTIME ACCE	riginal inventor or an original josed and/or claimed in a pa SS TO APPLICATION PROGRAMM	tent
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MS Docket No.: 338284.01

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(if other than English)

	PATENT	ASSIGNMENT	М	S Docket No.:	338284.01
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Inventor's Signature	8/13/2013 Date
David Charles Wrighton	
Printed Name in English	Printed Name in Native Language (if other than English)

MS Docket No.: 338284.01

# PATENT ASSIGNMENT

I <u>Atsushi Kanamori</u> ("AS inventor of subject matter ( application entitled " <u>CONTROL</u> <u>INTERFACES</u> " ("APPLICATION"),	"INVENTION") disclosed LING RUNTIME ACCESS TO	
ASSIGNEE'S legal Department, Micr Washington 9805 here in parenth Application No Office Application No., f	ASSIGNOR hereby auth representatives, of the Law osoft Corporation, One M 2 (ASSIGNEE'S LEGAL REPRESES (filed on	w and Corporate Affairs icrosoft Way, Redmond, ESENTATIVES), to insert and given by the following this APPLICATION's n known;
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successors and assigns ("ASSIG entire and exclusive rights, tit (and all other applications applications, in and for the U ("APPLICATION DERIVATIVES"));	GNEE"), is entitled to, and le and interest in the INV and patents derived the Jnited States, its territori	ENTION and the APPLICATION refrom, such as continuing es, and all foreign countries
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Page 1 of 2

MS Docket No.: <u>338284.01</u>

### PATENT ASSIGNMENT

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	3/7/13
Inventor's Signature	Date
Atsushi Kanamori	
Printed Name in English	Printed Name in Native Language (if other than English)

MS Docket No.: 338284.01

inventor of subject matter	("INVENTION") disclosed LING RUNTIME ACCESS TO	inventor or an original joint and/or claimed in a patent APPLICATION PROGRAMMING
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Page 1 of 2

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	8/20/2013
Inventor's Signature	Date
Fadi M. Hanna	
Printed Name in English	Printed Name in Native Language
	(if other than English)