503039938 10/29/2014

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TRAVIS LEITHEAD	04/27/2011
JUSTIN ROGERS	04/27/2011
MILADIN PAVLICIC	04/26/2011
CURTIS CHENG-CHENG MAN	04/27/2011
YONG QU	04/27/2011
NATHAN J.E. FURTWANGLER	04/27/2011
REZA A. NOURAI	04/25/2011
STEVEN LUCCO	05/19/2011

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:	13658668

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NAME OF SUBMITTER:

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ATTORNEY DOCKET NUMBER: 332913.02

SIGNATURE: /William J. Breen, III, Reg. No. 45,313/

503039938 REEL: 034063 FRAME: 0136

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WILLIAM J. BREEN, III

DATE SIGNED:	10/29/2014
Total Attachments: 9	
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PATENT REEL: 034063 FRAME: 0137

PATENT ASSIGNMENT

I/WE, Travis Leithead, Justin Rogers, Miladin Pavlicic, Curtis Cheng-Cheng Man, Yong Qu, Nathan J.E. Furtwangler, Reza A. Nourai, Steven Lucco ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "BINDING BETWEEN A LAYOUT ENGINE AND A SCRIPTING ENGINE" ("APPLICATION"), which:

which:	וועטוופ	NO BETWEEN A LATOUT ENGINE AND A SCRIPTING ENGINE (APPLICATION),
	X	will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and
		Corporate Affairs Department, Microsoft Corporation, One Microsoft Way,
		Redmond, Washington 98052, who are associated with customer number
		69316, to insert here in parenthesis (Application No, filed
		05/24/2011) this APPLICATION's Application No. and filing date, when known;
		was filed on and was given Application No;
		is filed concurrently herewith;
	M	icrosoft Corporation, a Washington Corporation, on behalf of itself and its
successo	ors and	assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire
and excl	lusive r	ights, title and interest in the INVENTION and the APPLICATION (and all other
applicati	ions an	d patents derived therefrom, such as continuing applications, in and for the
United S	tates, i	ts territories, and all foreign countries ("APPLICATION DERIVATIVES"));
	Fo	or good and valuable consideration, the receipt of which is hereby
acknowl	edged	by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the
ASSIGNE	E. the	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).

Inventor's Signature

Date 4/27/2011

Travis Leithead

Printed Name in English

Printed Name in Native Language (if other than English)

nventor's Signature	Date $4/z7/z011$
ustin Rogers	
Printed Name in English	Printed Name in Native Language (if other than English)
nventor's Signature	Date
Miladin Pavlicic	
rinted Name in English	Printed Name in Native Language (if other than English)
nventor's Signature	Date
-	Date
Curtis Cheng-Cheng Man	Printed Name in Native Language (if other than English)
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Curtis Cheng-Cheng Man	Printed Name in Native Language (if
Curtis Cheng-Cheng Man Printed Name in English	Printed Name in Native Language (if
Inventor's Signature Curtis Cheng-Cheng Man Printed Name in English Inventor's Signature Yong Qu Printed Name in English	Printed Name in Native Language (if other than English)

Page 2 of 3

Inventor's Signature Mathan J.E. Furtwangler	Date 4/27/2011
Printed Name in English	Printed Name in Native Language (if other than English)

Inventor's Signature	Date
Reza A. Nourai	
Printed Name in English	Printed Name in Native Language (if other than English)

Inventor's Signature	Date
Steven Lucco	
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

I/WE, Travis Leithead, Justin Rogers, Miladin Pavlicic, Curtis Cheng-Cheng Man, Yong Qu, Nathan J.E. Furtwangler, Reza A. Nourai, Steven Lucco ("ASSIGNOR"), have

	•	') disclosed and/or claimed in a patent application T ENGINE AND A SCRIPTING ENGINE" ("APPLICATION"),	
	authorizes, and reque Corporate Affairs Dep Redmond, Washingto 69316, to insert here	his executed PATENT ASSIGNMENT. ASSIGNOR hereby ests, ASSIGNEE'S legal representatives, of the Law and partment, Microsoft Corporation, One Microsoft Way, n 98052, who are associated with customer number in parenthesis (Application No. 13/114924, filed CATION's Application No. and filing date, when known;	
		and was given Application No;	
	is filed concurrently b	nerewith; a Washington Corporation, on behalf of itself and its	
applications United State acknowledg ASSIGNEE, ti APPLICATIO making and regarding le	and patents derived theres, its territories, and all for For good and valuable of ed by the ASSIGNOR, the he entire and exclusive right N (and APPLICATION DERI ASSIGNOR agrees to except	ecute all instruments and documents required for the CATION (and APPLICATION DERIVATIVES), for litigation efrom, and for the purpose of protecting and perfecting	
Inventor'	s Signature	Date	
Travis Le	ithead		
Printed N	lame in English	Printed Name in Native Language (if other than English)	

Page 1 of 3

nventor's Signature	Date
ustin Rogers	
Printed Name in English	Printed Name in Native Language (if other than English)
nventor's Signature	Date 4/26/2011
Miladin Pavlicic	MILADIN PAULICIC
Printed Name in English	Printed Name in Native Language (if other than English)
nventor's Signature	Date
Curtis Cheng-Cheng Man	
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	Printed Name in Native Language (if
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Printed Name in English Inventor's Signature	
Printed Name in English	other than English)

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Inventor"s Signature	Date
Nathan J.E. Furtwangler	
Printed Name in English	Printed Name in Native Language (if other than English)

Date 4/25/11
Printed Name in Native Language (if other than English)

Inventor's Signature	Date
Steven Lucco	
Printed Name in English	Printed Name in Native Language (if
	other than English)

PATENT ASSIGNMENT

I/WE, Travis Leithead, Justin Rogers, Miladin Pa	avlicic, Curtis Cheng-Cheng
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invented subject matter ("INVENTION") disclosed and/or clai	med in a patent application
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which:	

entitled "BINDI		I") disclosed and/or claimed in a patent application IT ENGINE AND A SCRIPTING ENGINE" ("APPLICATION"),
which:		A LOATENT AGGIGNATUT AGGIGNOR L
X		this executed PATENT ASSIGNMENT. ASSIGNOR hereby
	•	ests, ASSIGNEE'S legal representatives, of the Law and
		partment, Microsoft Corporation, One Microsoft Way,
		on 98052, who are associated with customer number
		e in parenthesis (Application No, filed ICATION's Application No. and filing date, when known;
		and was given Application No;
_	is filed concurrently l	
_	· ·	a Washington Corporation, on behalf of itself and its
	•	, is entitled to, and is desirous of acquiring, the entire
	-	st in the INVENTION and the APPLICATION (and all other
	- '	refrom, such as continuing applications, in and for the
• •	•	foreign countries ("APPLICATION DERIVATIVES"));
•	·	consideration, the receipt of which is hereby
	~	ASSIGNOR hereby sells, assigns and transfers to the
-	•	ights, title and interest in the INVENTION and the
	and APPLICATION DER	
	•	recute all instruments and documents required for the
	-	ICATION (and APPLICATION DERIVATIVES), for litigation
- '	the state of the s	efrom, and for the purpose of protecting and perfecting
•	PLICATION (and APPLIC	
title to the AFF	LICATION (and APPLIC	ATION DERIVATIVES).
Inventor's S	ionature	Date
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Travis Leith	ead	
	ne in Fnalish	Printed Name in Native Language (if

Page 1 of 3

other than English)

nventor's Signature	Date
ustin Rogers	*
Printed Name in English	Printed Name in Native Language (if other than English)
nventor's Signature	Date
Miladin Pavlicic	
Printed Name in English	Printed Name in Native Language (if
	other than English)
Curtis Cheng-Cheng Man	Other than English)
Curtis Cheng-Cheng Man	Date $4/27/201$ Printed Name in Native Language (if
Curtis Cheng-Cheng Man Printed Name in English	Date $4/27/201$ Printed Name in Native Language (if
Inventor's Signature Curtis Cheng-Cheng Man Printed Name in English Inventor's Signature Yong Qu	Date 4/27/201) Printed Name in Native Language (if other than English)

other than English)

Inventor's Signature	Date
Nathan J.E. Furtwangler	
Printed Name in English	Printed Name in Native Language (if
Printed Name in English	Printed Name in Native Language (i other than English)

Inventor's Signature	Date
Reza A. Nourai	
Printed Name in English	Printed Name in Native Language (if other than English)

Inventor's Signature	Date 5/19/C/
Printed Name in English	Printed Name in Native Language (if other than English)