# 503024792 10/20/2014

# **PATENT ASSIGNMENT COVER SHEET**

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3071392

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
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City:	REDMOND
State/Country:	WASHINGTON
Postal Code:	98052

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	13114924

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SIGNATURE:	/Lance R. Sadler/

503024792 PATENT REEL: 033979 FRAME: 0230

DATE SIGNED:	10/20/2014
Total Attachments: 9	
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PATENT REEL: 033979 FRAME: 0231

## 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 su entitled "B which:

invented so	ubje	ct matter ("INVENTION") disclosed and/or claimed in a patent application
entitled "Bl	INDII	NG BETWEEN A LAYOUT ENGINE AND A SCRIPTING ENGINE" ("APPLICATION"),
which:		
	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. 13/114,924, 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	licrosoft Corporation, a Washington Corporation, on behalf of itself and its
successors	and	assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire
and exclus	ive r	ights, title and interest in the INVENTION and the APPLICATION (and all other
application	is an	d patents derived therefrom, such as continuing applications, in and for the
<b>United Stat</b>	tes, i	ts territories, and all foreign countries ("APPLICATION DERIVATIVES"));
	F	or good and valuable consideration, the receipt of which is hereby
acknowled	ged	by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the
ASSIGNEE.	the -	entire and exclusive rights, title and interest in the INVENTION and the
·		and APPLICATION DERIVATIVES);
		SSIGNOR agrees to execute all instruments and documents required for the
making an		osecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation
-	-	rs patent derived therefrom, and for the purpose of protecting and perfecting
		LICATION (and APPLICATION DERIVATIVES).
title to the	74.	EICATION (and AIT EICATION DENITATIVES)

Inventor's Signature  Linus Leithead  Travis Leithead	Date 4/27/2011
Printed Name in English	Printed Name in Native Language (if other than English)

nventer's Signature	Date
lata Lan	4/27/2011
ustin Rogers	1/2//2011
Printed Name in English	Printed Name in Native Language (if
	other than English)
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nventor's Signature	Date
Miladin Pavlicic	
Printed Name in English	Printed Name in Native Language (if
· · ·	
	other than English)
nventor's Signature	
nventor's Signature	Date
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Curtis Cheng-Cheng Man	
Curtis Cheng-Cheng Man	Date
Curtis Cheng-Cheng Man	Date Printed Name in Native Language (if
Curtis Cheng-Cheng Man	Date Printed Name in Native Language (if
Curtis Cheng-Cheng Man	Date Printed Name in Native Language (if
Curtis Cheng-Cheng Man Printed Name in English	Date Printed Name in Native Language (if
Inventor's Signature  Curtis Cheng-Cheng Man  Printed Name in English  Inventor's Signature	Date Printed Name in Native Language (if other than English)
Curtis Cheng-Cheng Man Printed Name in English	Date 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

	•	N") disclosed and/or claimed in a patent application JT ENGINE AND A SCRIPTING ENGINE" ("APPLICATION"),	
,	authorizes, and requested Corporate Affairs December Redmond, Washingt 69316, to insert her 05/24/2011) this APPL	this executed PATENT ASSIGNMENT. ASSIGNOR hereby uests, ASSIGNEE'S legal representatives, of the Law and epartment, Microsoft Corporation, One Microsoft Way, on 98052, who are associated with customer number e in parenthesis (Application No. 13/114,924, filed ICATION's Application No. and filing date, when known;	
		and was given Application No;	
<ul> <li>is filed concurrently herewith;</li> <li>Microsoft Corporation, a Washington Corporation, on behalf of itself and it</li> </ul>			
applicatio United Sta acknowled ASSIGNEE APPLICAT making ar	ons and patents derived the ates, its territories, and all For good and valuable dged by the ASSIGNOR, the the entire and exclusive r ION (and APPLICATION DEI ASSIGNOR agrees to ex and prosecution of the APPL	recute all instruments and documents required for the JCATION (and APPLICATION DERIVATIVES), for litigation refrom, and for the purpose of protecting and perfecting	
Invento	or's Signature	Date	
	<u>Leithead</u>		
Printed	l Name 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 PAULICIÉ
Printed Name in English	Printed Name in Native Language (if
	other than English)
	Other than English)  Date
Curtis Cheng-Cheng Man	
Curtis Cheng-Cheng Man	Date Printed Name in Native Language (if
Curtis Cheng-Cheng Man	Date Printed Name in Native Language (if
Inventor's Signature Curtis Cheng-Cheng Man Printed Name in English	Date Printed Name in Native Langu
is Cheng-Cheng Man ted Name in English	Date Printed Name in Native Language (if
Curtis Cheng-Cheng Man	Date  Printed Name in Native Language (if other than English)

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

Inventor's signature	Date 4/25/11
Réza A. Mourai	
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 ENGINE AND A SCRIPTING ENGINE" ("APPLICATION"),
will be filed without this authorizes, and request Corporate Affairs Depared Redmond, Washington 69316, to insert here in 05/24/2011) this APPLICATION was filed on	s executed PATENT ASSIGNMENT. ASSIGNOR hereby ts, ASSIGNEE'S legal representatives, of the Law and rtment, Microsoft Corporation, One Microsoft Way, 98052, who are associated with customer number in parenthesis (Application No. 13/114.924, filed ATION's Application No. and filing date, when known; and was given Application No; rewith; Washington Corporation, on behalf of itself and its entitled to, and is desirous of acquiring, the entire
and exclusive rights, title and interest i applications and patents derived theref United States, its territories, and all for	n the INVENTION and the APPLICATION (and all other rom, such as continuing applications, in and for the eign countries ("APPLICATION DERIVATIVES")); insideration, the receipt of which is hereby
ASSIGNEE, the entire and exclusive righ	SSIGNOR hereby sells, assigns and transfers to the its, title and interest in the INVENTION and the
making and prosecution of the APPLICA regarding letters patent derived therefr	ute all instruments and documents required for the ATION (and APPLICATION DERIVATIVES), for litigation rom, and for the purpose of protecting and perfecting
title to the APPLICATION (and APPLICAT	TION DERIVATIVES).
Inventor's Signature	Date
Travis Leithead	
Printed Name in English	Printed Name in Native Language (if other than English)

Page 1 of 3

Inventor'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	
Timed watte in English	Printed Name in Native Language (if other than English)
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Inventor's Signature	<b>1</b> 1
Inventor's Signature	other than English)
Inventor's Signature Curtis Cheng-Cheng Man	Date  4/ 2-7/2 0   )  Printed Name in Native Language (if
Inventor's Signature  Curtis Cheng-Cheng Man	Date  4/ 2-7/2 0   )  Printed Name in Native Language (if

other than English)

Inventor's Signature	Date
Nathan J.E. Furtwangler	
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 Steven Lucco	Date 6/19/6
Printed Name in English	Printed Name in Native Language (if other than English)