PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2958834

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ASHWIN S. NEEDAMANGALA	03/19/2008
DANIEL S. MIHAI	03/17/2008
HRISTO H. IVANOV	03/19/2008
MARIUS POPA	03/17/2008
MARIYAN D. FRANSAZOV	03/19/2008

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:	14307106

CORRESPONDENCE DATA

Fax Number: (509)755-7252

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Email: travis@wolfe-sbmc.com

Correspondent Name: WOLFE-SBMC

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Address Line 4: SPOKANE, WASHINGTON 99201

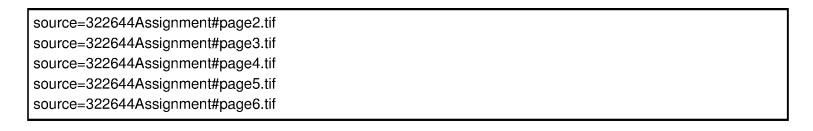
ATTORNEY DOCKET NUMBER:	322644.02		
NAME OF SUBMITTER:	DANIEL T. MCGINNITY, REG# 55,444		
SIGNATURE:	/Daniel T. McGinnity,#55444/		
DATE SIGNED:	07/29/2014		

Total Attachments: 6

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PATENT REEL: 033413 FRAME: 0332

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		PATENT ASSIGNMENT			
N. 6		WE, Ashwin S. Needamangala, Daniel S. Mihai, Hristo H. Ivanov, Marius Popa,			
•		sazov ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed			
	mea	in a patent application entitled "Runtime Code Hooking" ("APPLICATION"),			
which:	137 1				
	لكا	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. 12/055300 , filed			
		o3/25/2008) this APPLICATION's Application No. and filing date, when			
		known;			
		was filed on and was given Application No;			
		is filed concurrently herewith;			
	Mi	crosoft 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 exclusi	ve ri	ghts, title and interest in the INVENTION and the APPLICATION (and all other			
applications	s and	d patents derived therefrom, such as continuing applications, in and for the			
United State	es, it	s territories, and all foreign countries ("APPLICATION DERIVATIVES"));			
	Fo	r good and valuable consideration, the receipt of which is hereby			
acknowledg	jed k	by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the			
ASSIGNEE, t	he e	ntire and exclusive rights, title and interest in the INVENTION and the			
APPLICATIO)N (a	nd APPLICATION DERIVATIVES);			
	AS	SIGNOR agrees to execute all instruments and documents required for the			
making and		secution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation			
regarding le	etter	s patent derived therefrom, and for the purpose of protecting and perfecting			
title to the	APPL	ICATION (and APPLICATION DERIVATIVES).			
51.51					
03/19/	200	28			
Date		Ashwin S. Needamangala			
Date		Daniel S. Mihai			
03/19/	20	08 Herrelle			
Date		Hristo H. Ivanov			

Page 1 of 2

Marius Popa

Date

MS Docket No. 322644.01

03/19/2008

Date

Mariyan D. Fransazov

Page 2 of 2 PATE

PATENT ASSIGNMENT

1/1	WE, Ashwin S. Needamangala, Daniel S. Mihal, Hristo H. Ivanov, Marius Popa,
Mariyan D. Fran	ISAZOV ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed
and/or claimed	in a patent application entitled "Runtime Code Hooking" ("APPLICATION"),
which:	
区	will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby
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 V	Alcrosoft Corporation, a Washington Corporation, on behalf of itself and its
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and exclusive t	rights, title and interest in the INVENTION and the APPLICATION (and all other
annlications an	nd patents derived therefrom, such as continuing applications, in and for the
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	or good and valuable consideration, the receipt of which is hereby
	by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the
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	osecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation
	ers patent derived therefrom, and for the purpose of protecting and perfecting
title to the APP	PLICATION (and APPLICATION DERIVATIVES).
Date	Ashwin S. Needamangala
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3/17/	2008
Date	Daniel S. Mihai
Date	Hristo H. Ivanov
auer dans he had	

Date	Marius Popa

Date

Mariyan D. Fransazov

PATENT ASSIGNMENT

	<u> PATERI ADDINIMENT</u>
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	LICATION (and APPLICATION DERIVATIVES).
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Date	Ashwin S. Needamangala
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Date	Daniel S. Mihal
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Date	Hristo H. Ivanov
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Page 1 of 2 REEL: 033413 FRAME: 0338

Date Mariyan D. Fransazov

Page 2 of 2 **PATENT REEL: 033413 FRAME: 0339**