501770904 12/29/2011

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Haroon Ahmed	11/09/2011
Sadik Gokhan Caglar	12/28/2011
Fabian Winternitz	11/09/2011
Donald F. Box	12/15/2011

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:	13292535	

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	334808.01
NAME OF SUBMITTER:	Harendra Rana

PATENT

REEL: 027455 FRAME: 0480

Total Attachments: 8 source=334808-01-Executed-Assignment#page1.tif source=334808-01-Executed-Assignment#page2.tif source=334808-01-Executed-Assignment#page3.tif source=334808-01-Executed-Assignment#page4.tif source=334808-01-Executed-Assignment#page5.tif source=334808-01-Executed-Assignment#page6.tif source=334808-01-Executed-Assignment#page7.tif source=334808-01-Executed-Assignment#page8.tif

PATENT REEL: 027455 FRAME: 0481

Box ("ASSIGNOR"), have invented subject claimed in a patent application entity. Homogeneous and Heterogeneous Runtime will be filed without this experience by authorizes, and requested the Law and Corporate Affair Microsoft Way, Redmond, Words customer number 69316,	Caglar, Fabian O. Winternitz, and Donald F. t matter ("INVENTION") disclosed and/or led "Simultaneously Targeting Multiple Environments" ("APPLICATION"), which: eccuted PATENT ASSIGNMENT. ASSIGNOR uests, ASSIGNEE'S legal representatives, of rs Department, Microsoft Corporation, One ashington 98052, who are associated with to insert here in parenthesis (Application s APPLICATION's Application No. and filing
	<u>111</u> and was given Application No.
13/292,535;	<u></u>
is filed concurrently herewith	1:
•	Corporation, on behalf of itself and its
successors and assigns ("ASSIGNEE"), is ent	•
entire and exclusive rights, title and interes	st in the INVENTION and the APPLICATION
(and all other applications and patents	derived therefrom, such as continuing
applications, in and for the United States	, its territories, and all foreign countries
("APPLICATION DERIVATIVES"));	
For good and valuable considera	tion, the receipt of which is hereby
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the APPLICATION (and APPLICATION DERIVA	
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making and prosecution of the APPLICAT	
litigation regarding letters patent derived th	
and perfecting title to the APPLICATION (and	APPLICATION DERIVATIVES).
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Inventor's Signature	Date
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Haroon Ahmed	
Printed Name in English	Printed Name in Native Language (if

other than English)

MS Docket No.: <u>334808.01</u>

PATENT ASSIGNMENT MS Docket No.: 334808.01

Inventor's Signature	Date
Gokhan Caglar	
Printed Name in English	Printed Name in Native Language (if other than English)
Inventor's Signature	Date
Fabian Winternitz	
Printed Name in English	Printed Name in Native Language (if other than English)
Inventor's Signature	Date
Donald F. Box	
Printed Name in English	Printed Name in Native Language (if other than English)

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13/292,535;	orr and was given Application No.
is filed concurrently herewit	rh-
	on Corporation, on behalf of itself and its
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Inventor's Signature	Date
Haroon Ahmed Printed Name in English	Printed Name in Native Language (if

Page 1 of 2

other than English)

MS Docket No.: <u>334808.01</u>

Inventor's Signature Date Sadik Gokhan Caglar Printed Name in English Printed Name in Native Language (if other than English) Inventor's Signature Date Fabian Winternitz Printed Name in English Printed Name in Native Language (if other than English) Inventor's Signature Date Donald F. Box Printed Name in English Printed Name in Native Language (if

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MS Docket No.: 334808.01

Box ("ASSIGNOR"), have invented subject claimed in a patent application entitle Homogeneous and Heterogeneous Runtime I will be filed without this exhereby authorizes, and requested the Law and Corporate Affair Microsoft Way, Redmond, Wordstomer number 69316, No, filed) this date, when known; was filed on November 9, 20 13/292,535; is filed concurrently herewith Microsoft Corporation, a Washington successors and assigns ("ASSIGNEE"), is entended and other applications and patents applications, in and for the United States, ("APPLICATION DERIVATIVES")); For good and valuable consideral acknowledged by the ASSIGNOR, the ASSIGNOR the ASSIGNEE, the entire and exclusive right the APPLICATION (and APPLICATION DERIVATION DERI	Recuted PATENT ASSIGNMENT. ASSIGNOR RESTS, ASSIGNEE'S legal representatives, of its Department, Microsoft Corporation, One ashington 98052, who are associated with to insert here in parenthesis (Application is APPLICATION's Application No. and filing and was given Application No. 11. 12. 13. 14. Corporation, on behalf of itself and its itled to, and is desirous of acquiring, the st in the INVENTION and the APPLICATION derived therefrom, such as continuing its territories, and all foreign countries tion, the receipt of which is hereby NOR hereby sells, assigns and transfers to its, title and interest in the INVENTION and INVES); ruments and documents required for the
making and prosecution of the APPLICATI	
litigation regarding letters patent derived the	
and perfecting title to the APPLICATION (and	APPLICATION DERIVATIVES).
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Inventor's Signature Date Donald F. Box	Fabian Winternitz	
Inventor's Signature Date Donald F. Box	Printed Name in English	Printed Name in Native Language (if other than English)
Donald F. Box		
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Page 1 of 2

. MS Docket No.: <u>334808.01</u>

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Gokhan Caglar	<u> </u>
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Inventor's Signature	Date
Fabian Winternitz	
Printed Mame in English	Printed Name in Native Language (if other than English)
Inventor's Signature) / /5 / // Date
Donald F. Box	
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