PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Gad Sheaffer	11/06/2011
David Callahan	11/02/2011
Jan Gray	11/01/2011
Ali-Reza Adl-Tabatabai	11/04/2011
Shlomo Raikin	11/01/2011

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:	12493165

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 13768.1215

NAME OF SUBMITTER: J. LaVar Oldham

Total Attachments: 6

PATENT REEL: 027217 FRAME: 0506 OP \$40,00 12493165

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MS Docket No.: 327272.01 WN Docket No.: 13768.1215

PATENT ASSIGNMENT

I/WE, Gad Sheaffer, David Callahan, Jan Gray, Ali-Reza Adl-Tabatabai and Shlomo Raikin ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "METAPHYSICALLY ADDRESSED CACHE METADATA" ("APPLICATION"), which:

	will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR
	hereby authorizes, and requests, ASSIGNEES legal representatives, of
	the Law and Corporate Affairs Department, Microsoft Corporation, One
	Microsoft Way, Redmond, Washington 98052, who are associated with
	customer number, to insert here in parenthesis (Application
	No, filed) this APPLICATION's Application No. and
	filing date, when known;
<u>X</u>	was filed on <u>June 26, 2009</u> and was given Application No. <u>12/493,165.</u>
	is filed concurrently herewith;

Microsoft 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 exclusive rights, title and interest 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 consideration, the receipt of which is hereby acknowledged 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 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).

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Inventor's Signature	Date
Gad Sheaffer	~00 ¹ 32
Printed Name in English	Printed Name in Native Language (if other than English)

Inventor's Signature	2Nov 2011 Date
David Callahan	
Printed Name in English	Printed Name in Native Language (if
	other than English)

Inventor's Signature Jan Gray	Nov 1, 2011 Date
Printed Name in English	Printed Name in Native Language (if other than English)

De politación	11/4/2011
Inventor's Signature	Date
Ali-Reza Adl-Tabatabai	
Printed Name in English	Printed Name in Native Language (if other than English)

	November 1, 2011
Inventor's Signature	Date
Shlomo Raikin	שלמה רייקין
Printed Name in English	Printed Name in Native Language (if
	other than English)

RECORDED: 11/11/2011