PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2663270

		NEW ASSIGNMENT				
SUBMISSION TYPE:						
NATURE OF CONVEYANCE:		ASSIGNMENT				
CONVEYING PARTY DATA						
		Name	Execution Date			
CRISTIAN PETCULE			2/26/2013			
AMIR NETZ		12	2/29/2013			
RECEIVING PARTY DATA						
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Name:	MICROSOFT COF					
Street Address:		WAY				
City:		REDMOND				
State/Country:	1	WASHINGTON				
Postal Code:	98052					
PROPERTY NUMBERS Total: 1						
Property Type						
Property Ty	ире	Number				
Property Ty Application Number:		Number 4418				
Application Number:	1414					
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Application Number: CORRESPONDENCE Fax Number: Phone: Email:	DATA (801)328- 801-533-5 Ibateman	4418 1707 0800 @wnlaw.com	00 00 00			
Application Number: CORRESPONDENCE Fax Number: Phone: Email: <i>Correspondence will b</i>	DATA (801)328- 801-533-9 Ibateman be sent via US Mail	4418 1707 9800 @wnlaw.com <i>when the email attempt is unsuccessful.</i>				
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Application Number: CORRESPONDENCE Fax Number: Phone: Email: <i>Correspondence will b</i> Correspondent Name: Address Line 1: Address Line 2:	DATA (801)328- 801-533-5 Ibateman <i>be sent via US Mail</i> WORKM/ 60 EAST SUITE 10 SALT LA	4418 1707 9800 @wnlaw.com <i>when the email attempt is unsuccessful.</i> AN NYDEGGER/MICROSOFT SOUTH TEMPLE 00	00 00 00			
Application Number: CORRESPONDENCE Fax Number: Phone: Email: <i>Correspondence will b</i> Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	DATA (801)328- 801-533-5 Ibateman <i>be sent via US Mail</i> WORKM/ 60 EAST SUITE 10 SALT LAI NUMBER:	4418 1707 2800 @wnlaw.com <i>when the email attempt is unsuccessful.</i> AN NYDEGGER/MICROSOFT SOUTH TEMPLE 00 KE CITY, UTAH 84111	00 00 00			
Application Number: CORRESPONDENCE Fax Number: Phone: Email: <i>Correspondence will b</i> Correspondent Name: Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET	DATA (801)328- 801-533-5 Ibateman <i>be sent via US Mail</i> WORKM/ 60 EAST SUITE 10 SALT LAI NUMBER:	4418 1707 9800 @wnlaw.com when the email attempt is unsuccessful. AN NYDEGGER/MICROSOFT SOUTH TEMPLE 00 KE CITY, UTAH 84111 13768.2380	00 00 00			
Application Number: CORRESPONDENCE Fax Number: Phone: Email: <i>Correspondence will b</i> Correspondent Name: Address Line 1: Address Line 2: Address Line 2: Address Line 4: ATTORNEY DOCKET NAME OF SUBMITTE	DATA (801)328- 801-533-5 Ibateman <i>be sent via US Mail</i> WORKM/ 60 EAST SUITE 10 SALT LAI NUMBER:	4418 1707 2800 @wnlaw.com when the email attempt is unsuccessful. AN NYDEGGER/MICROSOFT SOUTH TEMPLE 00 KE CITY, UTAH 84111 13768.2380 J. LAVAR OLDHAM	00 00 00			

Total Attachments: 4 source=13768-2380_131230_Assignments#page1.tif source=13768-2380_131230_Assignments#page2.tif source=13768-2380_131230_Assignments#page3.tif source=13768-2380_131230_Assignments#page4.tif I <u>Cristian Petculescu</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "RE-USE OF INVALIDATED DATA IN BUFFERS" ("APPLICATION"), which:

☑ will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on <u>December 30, 2013</u> and given Application No. <u>14/144,418</u> by the following Office <u>US − United</u> <u>States Patent and Trademark Office</u>) this APPLICATION's Application No., filing date, and Office, when known;

was filed on ______ and was given Application No ______ by the following Office "_____";

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, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S LEGAL REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any APPLICATION DERIVATIVES after they are known;

Application No.	Filing Date	Office

PATENT ASSIGNMENT

MS Docket No.: <u>340588.01</u> WN Docket No.: <u>13768.2380</u>

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, ASSIGNOR's entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("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

12/26/2013

Date

Cristian Petculescu Printed Name in English

Printed Name in Native Language (if other than English)

Page 2 of 2

PATENT REEL: 031860 FRAME: 0949

MS Docket No.: <u>340588.01</u> WN Docket No.: <u>13768.2380</u>

I <u>Amir Netz</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "RE-USE OF INVALIDATED DATA IN BUFFERS" ("APPLICATION"), which:

☑ will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on <u>December 30, 2013</u> and given Application No. <u>14/144,418</u> by the following Office <u>US − United States Patent and Trademark Office</u>) this APPLICATION's Application No., filing date, and Office, when known;

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Inventac's Signaturé Amir Netz Printed Namé in Native Language Printed Name in English (if other than English)