# 503826756 05/15/2016

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3873406

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
RAN KALACH	01/07/2015
PAUL ADRIAN OLTEAN	01/07/2015
CRISTIAN G. TEODORESCU	01/08/2015
MATHEW JAMES DICKSON	01/05/2015

#### **RECEIVING PARTY DATA**

Name:	MICROSOFT TECHNOLOGY LICENSING, LLC
Street Address:	ONE MICROSOFT WAY
City:	REDMOND
State/Country:	WASHINGTON
Postal Code:	98052

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15155027

### **CORRESPONDENCE DATA**

Fax Number:

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.

**Phone:** 425-707-9382

Email: USDocket@microsoft.com

Correspondent Name: MICROSOFT CORPORATION

Address Line 1: ONE MICROSOFT WAY

Address Line 4: REDMOND, WASHINGTON 98052

ATTORNEY DOCKET NUMBER:	330375.07
NAME OF SUBMITTER:	BRYAN S. WADE
SIGNATURE:	/Bryan S. Wade, #58,228/
DATE SIGNED:	05/15/2016

**Total Attachments: 8** 

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PATENT 503826756 REEL: 038596 FRAME: 0823

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PATENT REEL: 038596 FRAME: 0824

I <u>Ran Kalach</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "DATA <u>DEDUPLICATION</u> IN A <u>VIRTUALIZATION ENVIRONMENT</u>" ("APPLICATION"), which:

$\boxtimes$	will b	e filed.	ASSIGNOR	hereby	authoria	zes, and	l reque	ests,
	ASSIGI	NEE'S lega	l representat	tive, Mici	rosoft Te	chnology	Licens	ing,
	LLC., (	One Micros	oft Way, Red	mond, W	ashingto	n 98052 (	(ASSIGN	EE'S
	LEGAL	REPRESE	VTATIVES), t	o insert	here in	parenth	ieses (1	filed
	on <u>Ja</u>	nuary 11, 2	2015 and gi	ven Appli	ication N	o. <u>14/5</u> 9	94,143	_ by
	the fol	lowing Off	ice <u>US – Unit</u> e	<u>ed States</u>	Patent ar	<u>nd Trader</u>	nark Of	fice)
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Microsoft Technology Licensing, LLC, a Washington limited liability company, 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	
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			,

Page 1 of 2

MS Docket No.: 330375.06

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  Ran Kalach	01/07/2415 Date
Printed Name in English	Printed Name in Native Language
-	(if other than English)

MS Docket No.: 330375.06

I <u>Paul Adrian Oltean</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>DATA DEDUPLICATION IN A VIRTUALIZATION ENVIRONMENT</u>" ("APPLICATION"), which:

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	ASSIGN	NEE'S	legal	represent	ative,	Micr	osoft	Tech	nology	Licen	sing,
	LLC., C	One M	icrosc	oft Way, Re	dmon	ıd, Wa	ashing	iton 9	98052 ( <i>i</i>	ASSIGN	VEE'S
	LEGAL	REP	RESEN	TATIVES),	to ir	nsert	here	in p	oarenth	eses	(filed
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Page 1 of 2

MS Docket No.: 330375.06

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MS Docket No.: 330375.06

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	01/07/2015
Inventor's Signature	Date
Paul Adrian Oltean	
Printed Name in English	Printed Name in Native Language
	(if other than English)

MS Docket No.: 330375.06

inventoi	of	subjec	t matter	("INVENTION")	) disclosed	and/or	claimed	in a	patent
applicat	ion	entitled	"DATA	<u>DEDUPLICATIO</u>	N IN A V	<u>IRTUALIZ</u>	ATION E	<u>NVIRO</u>	<u>NMENT</u> "
("APPLIC	ATIO	ON"), wh	ich:						
	$\boxtimes$	will b	e filed.	<b>ASSIGNOR</b>	hereby au	thorizes,	and re	quests	5,
		ASSIGN	IEE'S lega	al representati	ve, Microso	ft Techn	ology Lic	ensing	<b>]</b> ,
		LLC., C	ne Micro	soft Way, Redn	iond, Washi	ngton 98	052 (ASS	IGNEE'	'S
		LEGAL	REPRESE	NTATIVES), to	insert he	re in pa	renthese	s (file	d

I Cristian G. Teodorescu ("ASSIGNOR") am the original inventor or an original joint

on <u>January 11, 2015</u> and given Application No. <u>14/594,143</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;

was filed on \_\_\_\_\_ and was given Application

No \_\_\_\_\_ by the following Office

":

Microsoft Technology Licensing, LLC, a Washington limited liability company, 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"));

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Page 1 of 2

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<u> </u>	
aledan	1/8/15
Inventor's Signature	Date
Cristian G. Teodorescu	
Printed Name in English	Printed Name in Native Language
	(if other than English)

I <u>Mathew James Dickson</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>DATA DEDUPLICATION IN A VIRTUALIZATION ENVIRONMENT</u>" ("APPLICATION"), which:

MS Docket No.: 330375.06

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	5th Jan 2016
Inventor's Signature	Date
Mathew James Dickson	
Printed Name in English	Printed Name in Native Language (if other than English)

RECORDED: 05/15/2016