503303710 05/12/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3350328

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CRISTIAN DIACONU	04/11/2015
DANIEL VASQUEZ LOPEZ	04/13/2015
RAGHAVENDRA THALLAM KODANDARAMAIH	04/13/2015
ARKADI BRJAZOVSKI	04/12/2015
ROGERIO RAMOS	04/10/2015

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:	14686525

CORRESPONDENCE DATA

Fax Number: (801)328-1707

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: 8015339800

Email:dso@wnlaw.com,usdocket@microsoft.comCorrespondent Name:WORKMAN NYDEGGER/MICROSOFTAddress Line 1:60 E. SOUTH TEMPLE, SUITE 1000Address Line 4:SALT LAKE CITY, UTAH 84111

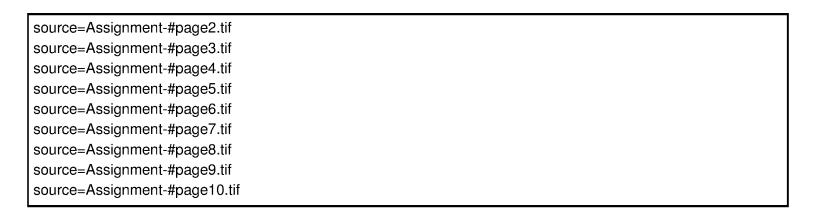
ATTORNEY DOCKET NUMBER:	13768.2542
NAME OF SUBMITTER:	ADRIAN J. LEE
SIGNATURE:	/Adrian J. Lee, Reg.# 42785/
DATE SIGNED:	05/12/2015

Total Attachments: 10

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PATENT REEL: 035622 FRAME: 0193

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PATENT REEL: 035622 FRAME: 0194

PATENT ASSIGNMENT MS Docket No.: 357166.01

		WN Docket No.: 13768.2542
inventor of subject matter	("INVENTION") disclose	inal inventor or an original jointed and/or claimed in a patent
ASSIGNEE'S lega LLC., One M (ASSIGNEE'S L parentheses (fil No. 14/686,525 Patent and Trad	al representative, Micros licrosoft Way, Redmo EGAL REPRESENTATIVE led on <u>April 14, 2015</u> by the following	authorizes, and requests, soft Technology Licensing, and, Washington 98052 s), to insert here in and given Application Office US - United States ICATION's Application No.,
No	and was giv by the following O	
behalf of itself and its succeedesirous of acquiring, the enright of priority, in the INVEN patents derived therefrom, so	cessors and assigns ("A itire and exclusive rights TION and the APPLICATION uch as continuing applica	gton limited liability company, on SSIGNEE"), is entitled to, and is s, title and interest, including the ON (and all other applications and ations, in whole or in part, in and oreign countries ("APPLICATION
ASSIGNOR hereby REPRESENTATIVES to insert following table for any APPLIC	the Application No., 1	requests, ASSIGNEE'S LEGAL filing date, and Office into the er they are known:
Application No.	Filing Date	Office

Page 1 of 2

MS Docket No.: 357166.01

WN Docket No.: 13768.2542

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

Cristian Diaconu

Printed Name in English

Printed Name in Native Language
(if other than English)

MS Docket No.: 357166.01 PATENT ASSIGNMENT WN Docket No.: 13768.2542 I Daniel Vasquez Lopez ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "PROCESSING OF DATA STREAM COLLECTION RECORD SEQUENCE" ("APPLICATION"), which: will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representative, Microsoft Technology Licensing, LLC., One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on April 14, 2015 and given Application No. 14/686,525 ____ by the following Office US - United States Patent and Trademark Office) 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"))**; ASSIGNEE'S LEGAL authorizes, and requests, ASSIGNOR hereby REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any APPLICATION DERIVATIVES after they are known; Filing Date Office Application No.

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Page	ı	OT 2

MS Docket No.: 357166.01

WN Docket No.: <u>13768.2542</u>

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Sign.	1 1241 2016
Inventor's Signature	Date Date
Daniel Vasquez Lopez	Daniel Visquez Lopez
Printed Name in English	Printed Name in Native Language (if other than English)

MS Docket No.: <u>357166.01</u>

WN Docket No.: <u>13768.2542</u>

I <u>Raghavendra Thallam Kodandaramaih</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>PROCESSING OF DATA STREAM COLLECTION RECORD SEQUENCE</u>" ("APPLICATION"), which:

\boxtimes	will be filed. ASSIGNOR hereby authorizes, and requests,
	ASSIGNEE'S legal representative, Microsoft Technology Licensing,
	LLC., One Microsoft Way, Redmond, Washington 98052
	(ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in
	parentheses (filed on April 14, 2015 and given Application
	No. 14/686,525 by the following Office US - United States
	Patent and Trademark Office) this APPLICATION's Application No.,
	filing date, and Office, when known;
	was filed on and was given Application
	No by the following Office
	u

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.: <u>357166.01</u>

WN Docket No.: 13768.2542

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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).

TK Raghenerdy	4/13/15
Inventor's Signature	Date
Raghavendra Thallam Kodandaramaih	
Printed Name in English	Printed Name in Native Language (if other than English)

MS Docket No.: <u>357166.01</u>

WN Docket No.: <u>13768.2542</u>

I <u>Arkadi Brjazovski</u> ("ASSIGNOR") am the original inventor or an original joint
inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent
application entitled "PROCESSING OF DATA STREAM COLLECTION RECORD SEQUENCE"
("APPLICATION"), which:

\boxtimes	will be filed.	ASSIGNOR herel	by authorize	es, and requests,
	ASSIGNEE'S legal r	epresentative, M	licrosoft Tec	hnology Licensing,
	LLC., One Micro	osoft Way, Re	edmond, W	ashington 98052
	(ASSIGNEE'S LEGA	AL REPRESENTA	TIVES), to	insert here in
	parentheses (filed	on April 14, 201	<u>15</u> and	given Application
	No. <u>14/686,525</u>	_ by the follow	ing Office <u>L</u>	<u> IS – United States</u>
	Patent and Tradem	nark Office) this	APPLICATION	l's Application No.,
	filing date, and Off	fice, when known	;	
	was filed on	and wa	as given Appl	ication
	No	by the followi	ng Office	
	u	".		

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"))**;

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

Filing Date	Office	
		.
	Filing Date	

Page 1 of 2

PATENT

REEL: 035622 FRAME: 0201

MS Docket No.: <u>357166.01</u>

WN Docket No.: 13768.2542

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Inventor's Signature

Date

Arkadi Brjazovski

Printed Name in English

Брназовский Аркадий Юрьев

Printed Name in Native Language

(if other than English)

REEL: 035622 FRAME: 0202

MS Docket No.: <u>357166.01</u>

WN Docket No.: <u>13768.2542</u>

I <u>Rogerio Ramos</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>PROCESSING OF DATA STREAM COLLECTION RECORD SEQUENCE</u>" ("APPLICATION"), which:

K Zi	
X	will be filed. ASSIGNOR hereby authorizes, and requests,
	ASSIGNEE'S legal representative, Microsoft Technology Licensing,
	LLC., One Microsoft Way, Redmond, Washington 98052
	(ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in
	parentheses (filed on April 14, 2015 and given Application
	No. 14/686,525 by the following Office US - United States
	Patent and Trademark Office) this APPLICATION's Application No.,
	filing date, and Office, when known;
	was filed on and was given Application
	No by the following Office

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MS Docket No.: 357166.01

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Inventor's Signature

Rogerio Ramos

Printed Name in English

Date

Printed Name in Native Language

(if other than English)