### 503441172 08/18/2015

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3487796

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
PREETHA LAKSHMI SUBBARAYALU	08/17/2015
GOPALA KRISHNA R. KAKIVAYA	08/17/2015
MIHAIL GAVRIL TARTA	08/17/2015

### **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:	14829044

### **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: stevensp@microsoft.com

Correspondent Name: MICROSOFT CORPORATION

Address Line 1: ONE MICROSOFT WAY

Address Line 4: REDMOND, WASHINGTON 98052

ATTORNEY DOCKET NUMBER: 357490.01

NAME OF SUBMITTER: JOHN OGILVIE

SIGNATURE: /John Ogilvie/

DATE SIGNED: 08/18/2015

### **Total Attachments: 6**

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PATENT REEL: 036350 FRAME: 0181 source=357490-01\_Assignment\_PreethaLakshmiSUBBARAYALU#page1.tif source=357490-01\_Assignment\_PreethaLakshmiSUBBARAYALU#page2.tif

PATENT REEL: 036350 FRAME: 0182

# PATENT ASSIGNMENT MS Docket No.: 357490.01

I Go	pala Krishna R. K	AKIVAYA ("ASSIGNOR") ar	n the original inventor or ar
original joint	inventor of subje	ect matter ("INVENTION") (	$\operatorname{disclosed}$ and $\operatorname{dor}$ claimed in a
patent appli	cation entitled " <u>TF</u>	RANSACTIONAL DISTRIBUT	TED LIFECYCLE MANAGEMENT
OF DIVERSE A	APPLICATION DATA	<u>STRUCTURES</u> " ("APPLICAT	TON"), which:
$\boxtimes$		ASSIGNOR hereby auth	
	_	representative, Microsoft	
	-	rosoft Way, Redmond,	
		GAL REPRESENTATIVES),	
		d on	
		by	
	Application No., fi	ling date, and Office, whe	n known;
	was filed on	and was given App	olication No
	by the following C	Office " ":	
		,	
Micros	soft Technology Lic	censing, LLC, a Washingto	n limited liability company, or
behalf of its	elf and its succes	ssors and assigns ("ASSI	GNEE"), is entitled to, and is
desirous of a	acquiring, the enti	re and exclusive rights, ti	tle and interest, including the
right of prior	ity, in the INVENTI	ON and the APPLICATION	(and all other applications and
patents deriv	ed therefrom, suc	h as continuing applicatio	ns, in whole or in part, in and
for the Uni	ited States, its t	erritories, and all fore	ign countries ("APPLICATION
DERIVATIVES	"));		
ASSIGI	NOR hereby	authorizes, and requ	uests, ASSIGNEE'S LEGAI
REPRESENTA <sup>-</sup>	TIVES to insert tl	he Application No., filin	g date, and Office into the
following tab	le for any APPLICA	TION DERIVATIVES after th	ney are known;
Application N	١٥.	Filing Date	Office

Page 1 of 2

MS Docket No.: <u>357490.01</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 Date

Copala Krishna R. KAKIVAYA

Printed Name in English Printed Name in Native Language

(if other than English)

I Mihail Gavril TARTA ("	'ASSIGNOR") am the origin	al inventor or an original joint
inventor of subject matter (	"INVENTION") disclosed	and/or claimed in a patent
application entitled "TRANSA	CTIONAL DISTRIBUTED L	<u>IFECYCLE MANAGEMENT OF</u>
<b>DIVERSE APPLICATION DATA ST</b>	RUCTURES" ("APPLICATION	N"), which:
oxtimes will be filed.	ASSIGNOR hereby auth	orizes, and requests,
ASSIGNEE'S legal	representative, Microsoft	Technology Licensing,
LLC., One Mic	rosoft Way, Redmond,	Washington 98052
(ASSIGNEE'S LEC	GAL REPRESENTATIVES),	to insert here in
parentheses (filed	d on	and given Application
No	by	the following
Office		) this APPLICATION's
	iling date, and Office, whe	
$\square$ was filed on	and was given App	olication No
by the following C	Office "";	
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behalf of itself and its succe desirous of acquiring, the enti right of priority, in the INVENTI patents derived therefrom, suc for the United States, its	ssors and assigns ("ASSIO re and exclusive rights, ti ON and the APPLICATION of h as continuing applicatio	tle and interest, including the (and all other applications and ns, in whole or in part, in and
DERIVATIVES"));		
ASSIGNOR hereby	authorizes and requ	uests, ASSIGNEE'S LEGAL
REPRESENTATIVES to insert the	•	
following table for any APPLICA	• •	
Application No.	Filing Date	Office
Application No.	Timig Dute	Office

Page 1 of 2

MS Docket No.: <u>357490.01</u>

MS Docket No.: 357490.01

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).

Carty-	8/14/2015
Inventor's Signature	Date
Mihail Gavril TARTA	
Printed Name in English	Printed Name in Native Language
	(if other than English)

# PATENT ASSIGNMENT MS Docket No.: 357490.01

I Preetha Lakshmi SUB	BBARAYALU ("ASSIGNOR") a	ım the original inventor or an
original joint inventor of subj	ect matter ("INVENTION")	disclosed and/or claimed in a
patent application entitled "T	RANSACTIONAL DISTRIBUT	TED LIFECYCLE MANAGEMENT
OF DIVERSE APPLICATION DATA	A STRUCTURES" ("APPLICAT	ΓΙΟΝ"), which:
	,	• •
ASSIGNEE'S legal LLC., One Mic (ASSIGNEE'S LEC	ASSIGNOR hereby auth representative, Microsoft crosoft Way, Redmond, GAL REPRESENTATIVES), d on	Technology Licensing, Washington 98052 to insert here in
	by	
Application No., 1	filing date, and Office, whe	n known;
was filed on	and was given Ap Office "";	plication No
Microsoft Tachnalogy Li	consing IIC a Washingto	n limited liability company on
behalf of itself and its succe desirous of acquiring, the ent right of priority, in the INVENT patents derived therefrom, suc for the United States, its DERIVATIVES"));	essors and assigns ("ASSI ire and exclusive rights, ti ION and the APPLICATION th as continuing application	tle and interest, including the (and all other applications and ons, in whole or in part, in and
•	-	uests, ASSIGNEE'S LEGAL
REPRESENTATIVES to insert t		_
following table for any APPLICA	ATION DERIVATIVES after t	ney are known;
Application No.	Filing Date	Office

Page 1 of 2

MS Docket No.: <u>357490.01</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).

	& Reetla	8/17/15
	Inventor's Signature	Date
	Preetha Lakshmi SUBBARAYALU	
-	Printed Name in English	Printed Name in Native Language
		(if other than English)

**RECORDED: 08/18/2015**