503309077 05/15/2015

PATENT ASSIGNMENT COVER SHEET

EPAS ID: PAT3355695

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE:

CORRECTIVE ASSIGNMENT

Corrective Assignment to correct the ASSIGNEE INCORRECTLY IDENTIFIED AS MICROSOFT CORPORATION ON ORIGINAL COVERSHEET INSTEAD OF MICROSOFT TECHNOLOGY LICENSING, LLC previously recorded on Reel 035087 Frame 0797. Assignor(s) hereby confirms the CONVEYANCE TEXT IN ORIGINAL ASSIGNMENT TO MICROSOFT TECHNOLOGY LICENSING, LLC...

RESUBMIT DOCUMENT ID: 503296844

CONVEYING PARTY DATA

Name	Execution Date
ILYA GREBNOV	03/02/2015
SAMUEL BANINA	03/02/2015
CHARLES LAMANNA	03/02/2015
KEVIN LAM	02/27/2015

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:	14638357		

CORRESPONDENCE DATA

Fax Number: (816)421-5547

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: 816-474-6550 kbrunton@shb.com

Correspondent Name: SHOOK HARDY & BACON L.L.P.
Address Line 1: 2555 GRAND BOULEVARD

Address Line 2: INTELLECTUAL PROPERTY DEPARTMENT

Address Line 4: KANSAS CITY, MISSOURI 64108

ATTORNEY DOCKET NUMBER: 356258.02/MFCP.222190

NAME OF SUBMITTER: DOUGLAS J KIM

PATENT 503309077 REEL: 035653 FRAME: 0874

SIGNATURE:	/DOUGLAS J. KIM/					
DATE SIGNED:	05/15/2015					
Total Attachments: 9						
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PATENT REEL: 035653 FRAME: 0875

503204937 03/04/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3251552

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ILYA GREBNOV	03/02/2015
SAMUEL BANINA	03/02/2015
CHARLES LAMANNA	03/02/2015
KEVIN LAM	02/27/2015

RECEIVING PARTY DATA

Name:	me: MICROSOFT CORPORATION			
Street Address: ONE MICROSOFT WAY				
City:	REDMOND			
State/Country:	WASHINGTON			
Postal Code:	98052			

PROPERTY NUMBERS Total: 1

Property Type	Number			
Application Number:	14638357			

CORRESPONDENCE DATA

Fax Number: (949)421-5547

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: 816-474-6550 kbrunton@shb.com

Correspondent Name: SHOOK HARDY & BACON L.L.P.
Address Line 1: 2555 GRAND BOULEVARD

Address Line 2: INTELLECTUAL PROPERTY DEPARTMENT

Address Line 4: KANSAS CITY, MISSOURI 64108

ATTORNEY DOCKET NUMBER:	MFCP.222190
NAME OF SUBMITTER:	DOUGLAS J. KIM
SIGNATURE:	/DOUGLAS J. KIM/
DATE SIGNED:	03/04/2015
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 8

PATENT REEL: 035653 FRAME: 0876

I ILYA GREBNOV ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled FLOW FOR MULTI-MASTER REPLICATION IN DISTRIBUTED STORAGE ("APPLICATION"), which:

⊠ v	vill	be	filed.	ASSIC	SNOR	he	reby	auth	orize	s, and	d requ	ests,
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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

Page 1 of 2

PATENT REEL: 035653 FRAME: 0877

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).

	Control of the contro	2/22/16-
	Inventor's Signature	9360
	KEVIN LAM	
	Printed Name in English	Printed Name in Native Language
-		(if other than English)

MS Docket No.: 356528.01

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"));

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Inventor's Signature

Date

ILYA GREBNOV

Printed Name in English

UNLA SPEEHOR

Printed Name in Native Language

(if other than English)

I <u>SAMUEL BANINA</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled FLOW FOR MULTI-MASTER REPLICATION IN DISTRIBUTED STORAGE ("APPLICATION"), which:

\boxtimes	will be file	ed. ASSIG	NOR he	reby	autho	rizes,	, and	reque	sts,
	ASSIGNEE'S	legal repres	entative,	Micro	osoft	Techr	ology	Licens	ing,
	LLC., One	Microsoft	Way,	Redm	ond,	Was	hingto	on 98	052
	(ASSIGNEE'S	LEGAL R	EPRESEN	TATIV	ES),	to	insert	here	in
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	No.	14638357		by		the		follow	/inq
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	was filed on	***************************************	and	was gi	iven A	pplica	ation		
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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 OFFICATIONS after they are known:

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Application No.	Filing Date	Office				

Page 1 of 2

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).

Samuel III	
Inventor's Signature	Udit
SAMUEL BANINA	
Printed Name in English	Printed Name in Native Language
•	(if other than English)

I CHARLES LAMANNA ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled FLOW FOR MULTI-MASTER REPLICATION IN DISTRIBUTED STORAGE ("APPLICATION"), which:

\boxtimes	will be file	ed. ASSIG	NOR he	reby auti	orizes,	and request:	5,
	ASSIGNEE'S	legal repres	entative,	Microsof	t Technoi	logy Licensing	Э,
	LLC., One	Microsoft	Way,	Redmond	, Washi	ngton 9805	2
	(ASSIGNEE'S	LEGAL R	EPRESEN	TATIVES),	to ins	sert here i	n
	parentheses	(filed on _	2015-03-	04	and giv	en Applicatio	n
	No.	14638357	axxxxx	by	the	followin	g
	Office		***************************************) this	APPLICATION'	s
	Application	No., filing da	ite, and C	Office, whe	en known:	•	
	was filed on		and	was given	Applicati	on	
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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

Page 1 of 2

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).

		3/2/2015
	Inventor's Signature	Date
	CHARLES LAMANNA	
	Printed Name in English	Printed Name in Native Language
		(if other than English)

MS Docket No.: 356528.01

I KEVIN LAM ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled FLOW FOR MULTI-MASTER REPLICATION IN DISTRIBUTED STORAGE ("APPLICATION"), which:

\boxtimes	will be i	filed.	ASSIGNO	र hereby	auth	orizes,	and	reque	sts,
	ASSIGNEE'	'S legal	represent	ative, Mic	rosoft	Techn	ology	Licensi	ng,
	LLC., Or	ne Mic	rosoft W	ay, Red	mond,	Was	hingto	n 980)52
	(ASSIGNEE	S'S LEC	IAL REPR	ESENTATI	VES),	to i	nsert	here	in
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hereby ASSIGNOR 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:

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Page 1 of 2

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