504479696 07/28/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4526398

previously recorded on Reel 039706 Frame 0748. Assignor(s) hereby confirms the EXECUTION DATE FOR STEVEN LI SHOULD READ	SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
09/02/2017.		

CONVEYING PARTY DATA

Name	Execution Date
DAVID SCOTT RETTERATH	09/09/2016
ZACKARIA ADEL ALI	09/08/2016
ARYE GITTELMAN	09/12/2016
STEVEN LI	09/02/2016

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:	15263298

CORRESPONDENCE DATA

Fax Number: (612)332-9081

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: 612-332-5300

Email: usdocket@microsoft.com

MERCHANT & GOULD (MICROSOFT) Correspondent Name:

Address Line 1: P.O. BOX 2903

Address Line 4: MINNEAPOLIS, MINNESOTA 55402

ATTORNEY DOCKET NUMBER:	14917.2945US01/360755.01
NAME OF SUBMITTER:	CHRISTOPHER J. LEONARD
SIGNATURE:	/Christopher J. Leonard/
DATE SIGNED:	07/28/2017

Total Attachments: 10

PATENT REEL: 043367 FRAME: 0568

504479696

source=2017-07-28_Ex_Assignments_ALL-w-Coversheet_14917-2945us01#page1.tif
source=2017-07-28_Ex_Assignments_ALL-w-Coversheet_14917-2945us01#page2.tif
source=2017-07-28_Ex_Assignments_ALL-w-Coversheet_14917-2945us01#page3.tif
source=2017-07-28_Ex_Assignments_ALL-w-Coversheet_14917-2945us01#page4.tif
source=2017-07-28_Ex_Assignments_ALL-w-Coversheet_14917-2945us01#page5.tif
source=2017-07-28_Ex_Assignments_ALL-w-Coversheet_14917-2945us01#page6.tif
source=2017-07-28_Ex_Assignments_ALL-w-Coversheet_14917-2945us01#page7.tif
source=2017-07-28_Ex_Assignments_ALL-w-Coversheet_14917-2945us01#page8.tif
source=2017-07-28_Ex_Assignments_ALL-w-Coversheet_14917-2945us01#page9.tif
source=2017-07-28_Ex_Assignments_ALL-w-Coversheet_14917-2945us01#page10.tif

PATENT REEL: 043367 FRAME: 0569



United States Patent and Trademark Office

Home | Site Index | Search | Guides | Contacts | eBusiness | eBiz alerts | News | Hain



Electronic Patent Assignment System

Confirmation Receipt

Your assignment has been received by the USPTO. The coversheet of the assignment is displayed below:

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DAVID SCOTT RETTERATH	09/09/2016
ZACKARIA ADEL ALI	09/08/2016
ARYE GITTELMAN	09/12/2016
STEVEN LI	09/12/2016

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:	15263298

CORRESPONDENCE DATA

Fax Number: (865)380-5970 **Phone:** 612-332-5300

Email: usdocket@microsoft.com

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.

Correspondent Name: MERCHANT & GOULD (MICROSOFT)

Address Line 1: P.O. BOX 2903

Address Line 4: MINNEAPOLIS, MINNESOTA 55402-0903

ATTORNEY DOCKET NUMBER:	14917.2945US01/360755.01	
NAME OF SUBMITTER:	CHRISTOPHER J. LEONARD	
Signature:	/Christopher J. Leonard/	
Date:	09/12/2016	

Total Attachments: 8

source=2016-09-12_Ex_Assignments_ALL_14917-2945us01#page1.tif source=2016-09-12_Ex_Assignments_ALL_14917-2945us01#page2.tif source=2016-09-12_Ex_Assignments_ALL_14917-2945us01#page3.tif source=2016-09-12_Ex_Assignments_ALL_14917-2945us01#page4.tif source=2016-09-12_Ex_Assignments_ALL_14917-2945us01#page5.tif source=2016-09-12_Ex_Assignments_ALL_14917-2945us01#page6.tif source=2016-09-12_Ex_Assignments_ALL_14917-2945us01#page7.tif source=2016-09-12_Ex_Assignments_ALL_14917-2945us01#page8.tif

RECEIPT INFORMATION

EPAS ID: PAT4048429 **Receipt Date**: 09/12/2016

Return to home page

| .HOME | INDEX| SEARCH | eBUSINESS | CONTACT US | PRIVACY STATEMENT

PATENT ASSIGNMENT

I David Scott Pottorath /"	ACCICNOR") am the origin	al inventor or an original joint
inventor of subject matter (~ ,
application entitled "BINARY		•
("APPLICATION"), which:	EXTERMINE TO THE	ROWING WED SERVERS
(ATLICATION), WINCH.		
ASSIGNEE'S legal LLC., One Mic (ASSIGNEE'S LEC parentheses (filed No. 15/263,298 Patent and Trader	ASSIGNOR hereby authorepresentative, Microsoft rosoft Way, Redmond, AL REPRESENTATIVES), and September 12, 2016 by the following Officate, when known;	Technology Licensing, Washington 98052 to insert here in and given Application ce <u>US – United States</u>
was filed on	and was given	Application No
	and was given	
Office";	Office " <u>United States Patent</u>	and Trademark
Microsoft Technology Lid behalf of itself and its success desirous of acquiring, the entire right of priority, in the INVENTI- patents derived therefrom, suc- for the United States, its to DERIVATIVES"));	ssors and assigns ("ASSIO re and exclusive rights, ti ON and the APPLICATION (h as continuing applicatio	tle and interest, including the and all other applications and ns, in whole or in part, in and
ASSIGNOR hereby REPRESENTATIVES to insert tl	•	uests, ASSIGNEE'S LEGAL g date, and Office into the
following table for any APPLICA	• •	
Application No.	Filing Date	Office
	- L. B. & B. 400000000000000000000000000000000000	
	A RAN AND DATA NAMED TO THE PARTY OF THE PAR	

Page 1 of 2

PATENT ASSIGNMENT

		VIII TO TO TO THE THE TO THE T
1		
A.		
	•	
TOTAL CONTRACTOR OF THE PARTY O		100000000000000000000000000000000000000
· · · · · · · · · · · · · · · · · · ·	M/MFCCOATON AND AND AND AND AND AND AND AND AND AN	
	1	!
1	l l	
1	ł –	

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"));

Danidkust	9/9/2016
Inventor's Signature	Date
David Scott Retterath	
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

inventor of	subject matter e entitled "BINARY	("INVENTION") disclosed	l inventor or an original joint and/or claimed in a patent N RUNNING WEB SERVERS'
	ASSIGNEE'S legal LLC., One Mic (ASSIGNEE'S LEG parentheses (file No. 15/263,298) Patent and Trade	ASSIGNOR hereby authorepresentative, Microsoft rosoft Way, Redmond GAL REPRESENTATIVES), don September 12, 2016 by the following Offmark Office) this APPLICA ffice, when known;	Technology Licensing, Washington 98052 to insert here in and given Application ice <u>US – United States</u>
		and was given Office " <u>United States Paten</u>	
behalf of its desirous of a right of prior patents deriv	elf and its succe acquiring, the enti ity, in the INVENTI red therefrom, suc ted States, its t	ssors and assigns ("ASS! re and exclusive rights, ti ON and the APPLICATION h as continuing application	on limited liability company, on GNEE"), is entitled to, and is itle and interest, including the (and all other applications and ons, in whole or in part, in and ign countries ("APPLICATION
	FIVES to insert t	•	uests, ASSIGNEE'S LEGAL g date, and Office into the
Application N		Filing Date	Office
		111119	Office

Page 1 of 2

PATENT ASSIGNMENT

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"));

Inventor's Signature	9/9/2016 Date
Zackaria Adel Ali	
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

I <u>Arye Gittelman</u> ("ASSI inventor of subject matter (application entitled "BINARY ("APPLICATION"), which:	"INVENTION") disclosed	
ASSIGNEE'S legal LLC., One Mic (ASSIGNEE'S LEC parentheses (filed No. 15/263,298 Patent and Trade filing date, and Of	ASSIGNOR hereby auth representative, Microsoft rosoft Way, Redmond, GAL REPRESENTATIVES), don September 12, 2016 by the following Offimark Office) this APPLICATION, when known;	Technology Licensing, Washington 98052 to insert here in and given Application ce <u>US – United States</u> TION's Application No.,
	Office " <u>United States Patent</u>	
Microsoft Technology Lidebehalf of itself and its successive desirous of acquiring, the entire right of priority, in the INVENTI patents derived therefrom, successive for the United States, its to DERIVATIVES"));	ssors and assigns ("ASSIO re and exclusive rights, ti ON and the APPLICATION (h as continuing applicatio	tle and interest, including the (and all other applications and ns, in whole or in part, in and
ASSIGNOR hereby REPRESENTATIVES to insert the following table for any APPLICA	ne Application No., filin	•
Application No.	Filing Date	Office
Approacion No.	Timing Dute	Office
•		

Page 1 of 2

PATENT ASSIGNMENT

ŀ	

TOTAL	

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"));

Aug Fille	9/12/2016
Inventor's Signature	Date
Arye Gittelman	
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT ASSIGNMENT

l <u>Steven Li</u> ("ASSIGNOR") am the original inventor or an original joint inventor of
subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled
"BINARY EXPERIMENTATION ON RUNNING WEB SERVERS" ("APPLICATION"), which:

\boxtimes	will be filed. ASSIGNOR hereby authorizes, and r	ennests
	•	-
	ASSIGNEE'S legal representative, Microsoft Technology Li	
	LLC., One Microsoft Way, Redmond, Washington	98052
	(ASSIGNEE'S LEGAL REPRESENTATIVES), to insert l	here in
	parentheses (filed on September 12, 2016 and given Ap	plication
	No. $15/263,298$ by the following Office US – Unite	
	Patent and Trademark Office) this APPLICATION's Application	
	filing date, and Office, when known;	•
	3	
	was filed on and was given Application No.	
	by the following Office "United States Patent and Trademar	k
	Office":	incia.

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	
The state of the s			

Page 1 of 2

REEL: 043367 FRAME: 0578

PATENT ASSIGNMENT

1	
1	
i	
	 f .
l I	
I I	
i	1
	 1

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"));

#	9/2/2016
Inventor's Signature	Date
Steven Li	
Printed Name in English	Printed Name in Native Language
	(if other than English)