PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4075620

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MARWAN E. JUBRAN	11/25/2014
ALEKSANDR M. GERSHAFT	11/25/2014
VITALII TSYBULNYK	11/25/2014

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:	14557402

CORRESPONDENCE DATA

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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.

Email: mlnguyen@shb.com

Correspondent Name: SHOOK, HARDY & BACON L.L.P.

Address Line 1: 2555 GRAND BLVD.

Address Line 4: KANSAS CITY, MISSOURI 64108

ATTORNEY DOCKET NUMBER:	355795.01/MFCP.217280
NAME OF SUBMITTER:	GEORGE-LEONARD N. NGENGWE
SIGNATURE:	/GEORGE-LEONARD N. NGENGWE/
DATE SIGNED:	09/29/2016

Total Attachments: 6

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PATENT REEL: 039895 FRAME: 0814

PATENT ASSIGNMENT

inventor of	subject matter	("INVENTION") disclosed	nal inventor or an original join and/or claimed in a patent ON SCHEMA" ("APPLICATION")
	ASSIGNEE'S legal 2555 Grand Bloassociated with REPRESENTATIVES on 12/01/20 No. 14/557,402 Patent and Trade	ASSIGNOR hereby au representatives, of Shool vd., Kansas City, Miss Customer Number 458 of the interesting of the control of t	k, Hardy & Bacon L.L.P., ouri 64108, who are 109 (ASSIGNEE'S LEGAL in parentheses (filed given Application fice <u>US – United States</u>
	was filed on	and was given	Application
	No	by the following Offic	e
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behalf of its desirous of a right of prior patents deriv	ielf and its succe acquiring, the enti- ity, in the INVENT red therefrom, suc- ted States, its	ssors and assigns ("ASSi re and exclusive rights, t ON and the APPLICATION h as continuing application	on limited liability company, or IGNEE"), is entitled to, and is itle and interest, including the (and all other applications and ons, in whole or in part, in and it is countries ("APPLICATION)
REPRESENTA	TIVES to insert t		uests, ASSIGNEE'S LEGAL ng date, and Office into the they are known;
Application f	ło.	Filing Date	Office

Page 1 of 2

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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

MARWAN E. JUBRAN

Printed Name in English

Printed Name in Native Language

(if other than English)

PATENT ASSIGNMENT

koo	ION"), which:
X	will be filed. ASSIGNOR hereby authorizes and requests ASSIGNEE'S legal representatives, of Shook, Hardy & Bacon L.L.P., 2555 Grand Blvd., Kansas City, Missouri 64108, who are associated with Customer Number 45809 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on 12/01/2014 and given Application No. 14/557,402 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 "";
behalf of it desirous of right of pric	osoft Technology Licensing, LLC, a Washington limited liability company, of tself and its successors and assigns ("ASSIGNEE"), is entitled to, and acquiring, the entire and exclusive rights, title and interest, including the ority, in the INVENTION and the APPLICATION (and all other applications and ived therefrom, such as continuing applications, in whole or in part, in an inited States, its territories, and all foreign countries ("APPLICATIO (SS"));
for the Ur DERIVATIVE	
DERIVATIVE ASSIC REPRESENTA	GNOR hereby authorizes, and requests, ASSIGNEE'S LEGA ATIVES to insert the Application No., filing date, and Office into the oble for any APPLICATION DERIVATIVES after they are known;

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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).

Acen	11/25/25/4
Inventor's Signature	Date
ALEKSANDR M. GERSHAFT	
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT ASSIGNMENT

inventor of	subject matter	("INVENTION") dis	e original inventor or a closed and/or claimed <u>PEFINITION SCHEMA</u> " ("A	d in a patent
	ASSIGNEE'S legal 2555 Grand B associated with REPRESENTATIVE on 12/01/2 No. 14/557,402 Patent and Trade	representatives, colved, Kansas City Customer Numb S), to insert a by the follow	ing Office <u>US - Unite</u> APPLICATION's Applicat	n L.L.P., vho are i LEGAL i (filed plication d States
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behalf of its desirous of a right of prior patents deriv	elf and its succ acquiring, the ent ity, in the INVENT red therefrom, su ited States, its	essors and assign fire and exclusive r TON and the APPLIC ch as continuing ap	ishington limited liabilit s ("ASSIGNEE"), is entit ights, title and interest CATION (and all other a oplications, in whole or all foreign countries	led to, and is , including the pplications and in part, in and
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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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<u> </u>	11/25 /2014
Inventor's Signature	Date
VITALII TSYBULNYK	Віталій Цибульник
Printed Name in English	Printed Name in Native Language
	(if other than English)

RECORDED: 09/29/2016