503858153 06/06/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
AMIR ELUK	06/03/2016
ELAD IWANIR	06/03/2016
ELI KOREH	06/03/2016
GAL TAMIR	06/03/2016

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:	15174688

CORRESPONDENCE DATA

Fax Number: (425)936-7329

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: gborri@cpaglobal.com **Correspondent Name:** JEFFREY S. WEAVER ONE MICROSOFT WAY Address Line 1:

Address Line 4: **REDMOND, WASHINGTON 98052**

ATTORNEY DOCKET NUMBER:	359664.01
NAME OF SUBMITTER:	JEFFREY S. WEAVER
SIGNATURE:	/Jeffrey S. Weaver, #45,608/
DATE SIGNED:	06/06/2016

Total Attachments: 8

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June 6, 2016
15/174.688 USPTO

PATENT ASSIGNMENT

I Gal Tamir ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "QUERY OPTIMIZER FOR CPU UTILIZATION AND CODE REFACTORING" ("APPLICATION"), which:

will	be	filed.	ASSIGNOR	hereby	authorizes,	and	reque	sts
ASSI	GNE	E'S legal	representat	ive, Micr	osoft Techn	ology	Licensi	ing
LLC,	One	Microso	oft Way, Redr	nond, Wa	ashington 98	052 (A	SSIGNI	EE'S
LEG/	AL R	EPRESEN	TATIVES), to	insert h	ere in paren	these	s (filed	on
<u>June</u>	6,	<u>2016</u> a	nd given Ap	plication	No. <u>15/1</u>	74,688	<u>3</u> by	the
follo	wing	Office	<u>US – United</u>	States P	atent and Tr	adema	ark Off	ice)
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	ASSI LLC, LEGA June follo this know was	ASSIGNED LLC, One LEGAL RIJUNE 6, following this APPI known; was filed No	ASSIGNEE'S legal LLC, One Microso LEGAL REPRESEN June 6, 2016 a following Office this APPLICATION known; was filed onNoNoNo	ASSIGNEE'S legal representat LLC, One Microsoft Way, Redr LEGAL REPRESENTATIVES), to June 6, 2016 and given Application of this APPLICATION's Application was filed on by the fellowing by	ASSIGNEE'S legal representative, MicroLLC, One Microsoft Way, Redmond, WalleGAL REPRESENTATIVES), to insert had June 6, 2016 and given Application following Office US – United States Pathis APPLICATION's Application No., known; was filed on and was a solution was filed on by the following	ASSIGNEE'S legal representative, Microsoft Technol. LLC, One Microsoft Way, Redmond, Washington 98 LEGAL REPRESENTATIVES), to insert here in parent June 6, 2016 and given Application No. 15/12 following Office US – United States Patent and Trathis APPLICATION's Application No., filing date, a known; was filed on and was given Application No by the following Office	ASSIGNEE'S legal representative, Microsoft Technology LLC, One Microsoft Way, Redmond, Washington 98052 (A LEGAL REPRESENTATIVES), to insert here in parentheses June 6, 2016 and given Application No. 15/174,688 following Office US – United States Patent and Trademathis APPLICATION's Application No., filing date, and Of known; was filed on and was given Application No by the following Office	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"));

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:

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Application No.	Filing Date	Office	

Page 1 of 2

MS Docket No.: 359664.01

PATENT ASSIGNMENT	MS Docket No.:	359664.01

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).

Inventor's Signature	3 June 2016 Date
Gal Tamir	גל תמיר
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT ASSIGNMENT

I Amir Eluk ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "QUERY OPTIMIZER FOR CPU UTILIZATION AND CODE REFACTORING" ("APPLICATION"), which:

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	ASSI	GNEI	E'S lega	l representa	itive, Mic	rosoft	Techno	ology	Licensing	J,
	LLC,	One	Micros	oft Way, Red	mond, W	ashingt	on 980)52 (A	SSIGNEE'	S
	LEGA	AL R	EPRESEN	ITATIVES), t	o insert l	nere in	paren	theses	(filed o	n
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	03 Jun 2016		
Inventor's Signature	Date		
	אמיר אלוק		
Amir Eluk			
Printed Name in English	Printed Name in Native Language		
	(if other than English)		

PATENT ASSIGNMENT

I Elad Iwanir ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "QUERY OPTIMIZER FOR CPU UTILIZATION AND CODE REFACTORING" ("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 June 6, 2016 on and given Application 15/174,688 No. by the following Office 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")); **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

MS Docket No.: 359664.01

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	June 3 2016
Inventor's Signature	Date
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Page 2 of 2

RECORDED: 06/06/2016