

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MILTIADIS ALLAMANIS	11/30/2015
EARL THEODORE BARR	12/04/2015
CHRISTIAN ALMA BIRD	12/04/2015
MARK MARRON	12/01/2015
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:	14960114
CORRESPONDENCE DATA	
Fax Number:	
<i>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.</i>	
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Email:	esmith@kdbfirm.com
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Address Line 4:	MORRISVILLE, NORTH CAROLINA 27560
ATTORNEY DOCKET NUMBER:	358596.01
NAME OF SUBMITTER:	JOHN F. KACVINSKY
SIGNATURE:	/John F. Kacvinsky/
DATE SIGNED:	12/07/2015
Total Attachments: 8	
source=358596-01-Allamanis-Assn#page1.tif	
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source=358596-01-Barr-Assn#page1.tif
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source=358596-01-Bird-Assn#page1.tif
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source=358596-01-Marron-Assn#page1.tif
source=358596-01-Marron-Assn#page2.tif

I Miltiadis Allamanis ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "TECHNIQUES TO IDENTIFY IDIOMATIC CODE IN A CODE BASE" ("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 on _____ and given Application No. _____ by the following Office _____) this APPLICATION's Application No., filing date, and Office, when known;
- was filed on _____ and was given Application No _____ by the following Office " _____";

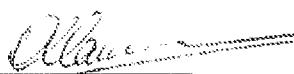
Microsoft Technology Licensing, LLC, a Washington limited liability company, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (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

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).

	<u>30 Nov 2015</u>
Inventor's Signature	Date
<u>Miltiadis Allamanis</u>	<u>ΜΙΛΤΙΑΔΗΣ ΑΛΛΑΜΑΝΗΣ</u>
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

MS Docket No.: 358596.01

I Earl Theodore Barr ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "TECHNIQUES TO IDENTIFY IDIOMATIC CODE IN A CODE BASE" ("APPLICATION"), which:

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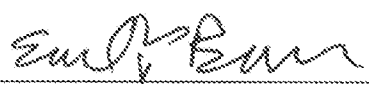
Application No.	Filing Date	Office

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MS Docket No.: 358596.01

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	4 / 12 / 15
Inventor's Signature	Date
Earl Theodore Barr	
Printed Name in English	Printed Name in Native Language (if other than English)

I Christian Alma Bird ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "TECHNIQUES TO IDENTIFY IDIOMATIC CODE IN A CODE BASE" ("APPLICATION"), which:

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MS Docket No.: 358596.01

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	<u>12/4/2015</u>
Inventor's Signature	Date
<u>Christian Alma Bird</u>	
Printed Name in English	Printed Name in Native Language (if other than English)

I Mark Marron ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "TECHNIQUES TO IDENTIFY IDIOMATIC CODE IN A CODE BASE" ("APPLICATION"), which:

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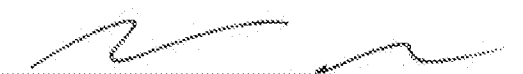
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	<u>12/11/2015</u>
Inventor's Signature	Date
Mark Marron	
Printed Name in English	Printed Name in Native Language (if other than English)