503914131 07/13/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PATRICK W. SATHYANATHAN	06/23/2014
TEN H. TZEN	06/24/2014
WENLEI HE	06/24/2014
ANKIT ASTHANA	06/26/2014
ADRIAN MILITARU	06/24/2014

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15209168

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

Address Line 1: ONE MICROSOFT WAY

Address Line 4: REDMOND, WASHINGTON 98052

ATTORNEY DOCKET NUMBER:	341253.03
NAME OF SUBMITTER:	JEFFREY S. WEAVER
SIGNATURE:	/Jeffrey S. Weaver, #45,608/
DATE SIGNED:	07/13/2016

Total Attachments: 10

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PATENT REEL: 039150 FRAME: 0678

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PATENT REEL: 039150 FRAME: 0679

I <u>Patrick W. Sathyanathan</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>INCREMENTAL COMPILATION OF WHOLE PROGRAM CODE</u>" ("APPLICATION"), which:

X	will	be	filed.	ASSIGNOR	hereby	authorizes,	and	requests,
	ASSI	GNE	E'S legal	representati	ves, of th	ne Law and C	orpora	ate Affairs
	Depa	artm	ent, Micr	osoft Corpo	ration, O	ne Microsoft	Way,	Redmond,
	Wasl	ningt	on 9805	2 (ASSIGNEE	'S LEGAL	REPRESENTA	TIVES)), to insert
	here	in p	arenthes	es (filed on	<u>June 25,</u>	<u>2014</u> and gi	ven A	pplication
	No.	<u>14/3</u>	<u> 15,158</u>	by the follow	ving Offi	ce <u>US – Unite</u>	<u>ed Sta</u>	<u>tes Patent</u>
	<u>and</u>	Trac	<u>lemark C</u>	Office) this A	APPLICAT	ION's Applica	ation	No., filing
	date	, and	d Office, v	when known	,			

was filed on	and was given Application
No	by the following Office
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Microsoft Corporation, a Washington Corporation, 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).

W. Xdor	06/23/2014
Inventor's signature	Date
Patrick W. Sathyanathan	
Printed Name in English	Printed Name in Native Language
	(if other than English)

I <u>Ten H. Tzen</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>INCREMENTAL COMPILATION OF WHOLE PROGRAM CODE</u>" ("APPLICATION"), which:

\boxtimes	will	be	filed.	ASSIGNOR	hereby	authorizes,	and	requests,
	ASSI	GNEI	E'S legal	representati	ves, of th	ne Law and C	orpor	ate Affairs
	Depa	artm	ent, Micı	osoft Corpo	ration, O	ne Microsoft	Way,	Redmond,
	Was	hingt	ton 9805	2 (ASSIGNEE	'S LEGAL	REPRESENTA	TIVES), to insert
	here	in p	arenthe	ses (filed on	<u>June 25,</u>	<u>2014</u> and gi	ven A	application
	No.	14/3	<u> 315,158</u>	by the follow	wing Offi	ce <u>US – Unite</u>	ed Sta	tes Patent
	<u>and</u>	Trac	demark (Office) this A	APPLICAT	ION's Applica	ation	No., filing
	date	, and	d Office,	when known	;			

\square was filed on $__$	and was given Application		
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Inventor's Signature

Ten H. Tzen

Printed Name in English

June 24, 2014

Date

曾登煌

Printed Name in Native Language (if other than English)

MS Docket No.: 341253.01 I Wenlei He ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "INCREMENTAL COMPILATION OF WHOLE PROGRAM CODE" ("APPLICATION"), which: will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on June 25, 2014 and given Application No. 14/315,158 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 Microsoft Corporation, a Washington Corporation, 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")); hereby ASSIGNOR authorizes. and ASSIGNEE'S requests, 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.: 341253.01

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Lely He	06/24/2014
Inventor's Signature	Date
Wenlei He	行文垒
Printed Name in English	Printed Name in Native Language
	(if other than English)

I <u>Ankit Asthana</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>INCREMENTAL COMPILATION OF WHOLE PROGRAM CODE</u>" ("APPLICATION"), which:

will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on June 25, 2014 and given Application No. 14/315,158 by the following Office US – United States Patent and Trademark Office) this APPLICATION's Application No., filing date, and Office, when known;

\square was filed on	and was given Applicatio	
No	by the following Office	
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Page 1 of 2

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Gud Okran	26/6/2014.
Inventor's Signature	Date
Ankit Asthana	
Printed Name in English	Printed Name in Native Language
	(if other than English)

I <u>Adrian Militaru</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>INCREMENTAL COMPILATION OF WHOLE PROGRAM CODE</u>" ("APPLICATION"), which:

will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on June 25, 2014 and given Application No. 14/315,158 by the following Office US – United States Patent and Trademark Office) this APPLICATION's Application No., filing date, and Office, when known;

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Inventor's Signature

Adrian Militaru

Printed Name in English

06/24/2014 Date Adrian Militara

Printed Name in Native Language

(if other than English)