

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5487227

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MIKO ARNAB SAKHYA SINGHA BOSE	04/02/2012
SIMON CLARKE	03/30/2012
DAVID CHARLES OLIVER	03/30/2012
MALGORZATA ANNA MALACZEK	03/30/2012
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:	16258123
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>	
Email:	usdocket@microsoft.com
Correspondent Name:	SCHWEGMAN LUNDBERG & WOESSNER P.A.
Address Line 1:	P.O. BOX 2938
Address Line 4:	MINNEAPOLIS, MINNESOTA 55402-0938
ATTORNEY DOCKET NUMBER:	334986-US-CNT/1777.248US2
NAME OF SUBMITTER:	TYLYN MOORE
SIGNATURE:	/tylyn moore/
DATE SIGNED:	04/23/2019
Total Attachments: 5	
source=1777248US2_ASSN_Inv-to-MSCorp#page1.tif	
source=1777248US2_ASSN_Inv-to-MSCorp#page2.tif	
source=1777248US2_ASSN_Inv-to-MSCorp#page3.tif	
source=1777248US2_ASSN_Inv-to-MSCorp#page4.tif	

RECORDATION FORM COVER SHEET
PATENTS ONLY

Atty Ref/Docket No.: 334986-US-CNT (1777.248US2)

Patent and Trademark Office

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Miko Arnab Sakhya Singha Bose, Simon Clarke, David Charles Oliver, Malgorzata Anna Malaczek

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement ☐ Change of Name

☐ Other

Execution Date: April 2, 2012, March 30, 2012, March 30, 2012, March 30, 2012

2. Name and address of receiving party(ies):

Name: Microsoft Corporation

Street Address: One Microsoft Way

City: Redmond State: WA Zip: 98052

Country: United States of America

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

B. Patent No.(s)

Serial No. 16/258,123

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Joshua E. Garfield

Address:

Schwegman Lundberg & Woessner, P.A.

P.O. Box 2938

Minneapolis, Minnesota 55402

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 0.00

☐ Enclosed

☐ Authorized to be charged to deposit account 19-0743

8. Please charge any additional fees or credit any over payments to our Deposit Account No.: 19-0743

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Joshua E. Garfield/Reg. No. 58,416

Name of Person Signing

/Joshua E. Garfield/

Signature

April 23, 2019

Date

Total number of pages including cover sheet: 5

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks

Mail Stop Assignment Recordation Services

P.O. Box 1450

Alexandria, VA 22313-1450

PATENT
REEL: 048967 FRAME: 0713

I/WE, Miko Arnab Sakhya Singha Bose, Simon Clarke, David Charles Oliver, and Malgorzata Anna Malaczek ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Cache Management" ("APPLICATION"), which:

- ☒ will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052, who are associated with customer number 69316, to insert here in parenthesis (Application No. 13/439873, filed 04/05/2012) this APPLICATION's Application No. and filing date, when known;
- ☐ was filed on _____ and was given Application No. _____;
- ☐ is filed concurrently herewith;

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 in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

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, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and 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).

Arnab Bose

Inventor's Signature

04/02/2012

Date

Miko Arnab Sakhya Singha Bose

Printed Name in English

Printed Name in Native Language (if
other than English)

Inventor's Signature

Date

Simon Clarke

Printed Name in English

Printed Name in Native Language (if
other than English)

Inventor's Signature

Date

David Charles Oliver

Printed Name in English

Printed Name in Native Language (if
other than English)

Inventor's Signature

Date

Malgorzata Anna Malaczek

Printed Name in English

Printed Name in Native Language (if
other than English)

I/WE, Miko Arnab Sakhya Singha Bose, Simon Clarke, David Charles Oliver, and Malgorzata Anna Malaczek ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Cache Management" ("APPLICATION"), which:


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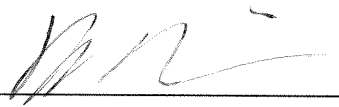
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Inventor's Signature	Date
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Miko Arnab Sakhya Singha Bose	
Printed Name in English	Printed Name in Native Language (if other than English)

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Inventor's Signature	Date
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Simon Clarke	SIMON CLARKE
Printed Name in English	Printed Name in Native Language (if other than English)

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Inventor's Signature	Date
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David Charles Oliver	David Charles Oliver
Printed Name in English	Printed Name in Native Language (if other than English)

 <hr/>	<u>3/30/2012</u> <hr/>
Inventor's Signature	Date
<hr/>	<hr/>
Malgorzata Anna Malaczek	MALGORZATA MALACZEK
Printed Name in English	Printed Name in Native Language (if other than English)