PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5526369

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ANDREW JAMES EDWARDS	11/11/2015
DAVID GOEBEL	11/11/2015
ISHAI BEN AROYA	11/11/2015
OZAN DEMIR	11/10/2015

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:	16413930

CORRESPONDENCE DATA

Fax Number:	(801)328-1707

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.

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ATTORNEY DOCKET NUMBER:	13768.2722.1
NAME OF SUBMITTER:	JENS C. JENKINS, REG. NO. 44803
SIGNATURE:	/JENS C. JENKINS/
DATE SIGNED:	05/16/2019

Total Attachments: 8
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PATENT ASSIGNMENT   MS Docket No.: 358122.01

I Andrew James Edwards ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "FILE SYSTEM WITH DISTRIBUTED ENTITY STATE" ("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 November 12, 2015 and given Application No. 14/939,942 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 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
16/413930	May 16, 2019	USPTO

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).

_____	11/11/2015
Inventor's Signature	Date
Andrew James Edwards	_____
Printed Name in English	Printed Name in Native Language (if other than English)

I <u>David Goebel</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>FILE SYSTEM WITH DISTRIBUTED ENTITY STATE</u>" ("APPLICATION"), which:

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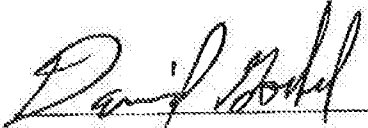| Application No.	Filing Date	Office
16/413930	May 16, 2019	USPTO

MS Docket No.: <u>358122.01</u>

WN Docket No.: <u>13768.2722</u>

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(signature)	11/11/15
Inventor's Signature	Date
David Goebel	
Printed Name in English	Printed Name in Native Language (if other than English)

I Ishai Ben Aroya ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "FILE SYSTEM WITH DISTRIBUTED ENTITY STATE" ("APPLICATION"), which:

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_____	11/11/15
Inventor's Signature	Date
Ishai Ben Aroya	_____
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT   MS Docket No.: 358122.01

I <u>Ozan Demir</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>FILE SYSTEM WITH DISTRIBUTED ENTITY STATE</u>" ("APPLICATION"), which:

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No _____ by the following Office

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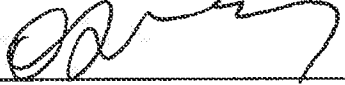| Application No.	Filing Date	Office
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11 / 10 / 2015

| Inventor's Signature | Date |

Ozan Demir

| Printed Name in English | Printed Name in Native Language (if other than English) |