506006207 04/08/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT6052918

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MARC SHEPARD	03/19/2020
BRAD R. ANDERSON	03/25/2020
DAVID C. JAMES	04/08/2020
BRETT DAMON ALAN FLEGG	03/20/2020

RECEIVING PARTY DATA

Name:	MICROSOFT TECHNOLOGY LICENSING, LLC	
Street Address:	et Address: ONE MICROSOFT WAY	
City:	REDMOND	
State/Country:	WASHINGTON	
Postal Code:	98052	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16826142

CORRESPONDENCE DATA

Fax Number:

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: 425-538-9035

Email: usdocket@microsoft.com MICROSOFT CORPORATION **Correspondent Name:**

Address Line 1: ONE MICROSOFT WAY

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

ATTORNEY DOCKET NUMBER:	407561-US-NP
NAME OF SUBMITTER:	BRYAN S. WADE
SIGNATURE:	/Bryan S. Wade, #58,228/
DATE SIGNED:	04/08/2020

Total Attachments: 8

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> **PATENT REEL: 052349 FRAME: 0459** 506006207



PATENT REEL: 052349 FRAME: 0460

I Marc Shepard ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "ESTIMATING A RESULT OF CONFIGURATION CHANGE(S) IN AN ENTERPRISE" ("APPLICATION"), which:

\boxtimes	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 March 20, 2020 and given Application No. 16/826,142 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
	n,

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	

			·····

Pana 1 of 7

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 Date

Marc Shepard
Printed Name in English Printed Name in Native Language

(if other than English)

I <u>Brad R. Anderson</u> ("ASS inventor of subject matter ("I		inventor or an original joint
application entitled "ESTIMATIN		
ENTERPRISE" ("APPLICATION"), wh		CHARGE(3) IN AN
the transfer of the transfer of the	men.	
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	ASSIGNOR hereby author	
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	t Way, Redmond, Washing	
	ATIVES), to insert here	
	and given Application	
the following Office	<u>US - United States Patent</u>	and Trademark Office)
	Application No., filing o	late, and Office, when
known;		
was filed on March	20, 2020 and was given A	Application No.
	following Office "US - Un	
Trademark Office";		
	e VMC - 1	
		limited liability company, on
behalf of itself and its successors		
of acquiring, the entire and exc		
priority, in the INVENTION and the		
derived therefrom, such as cont	inuing applications, in wh	ole or in part, in and for the
United States, its territories, and	all foreign countries ("API	PLICATION DERIVATIVES"));
-		EE'S LEGAL REPRESENTATIVES
to insert the Application No., fi	lling date, and Office into	the following table for any
APPLICATION DERIVATIVES after	they are known;	
Application No.	Filing Date	Office

Page 1 of 2

PATENT REEL: 052349 FRAME: 0463

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"));

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hiventor's Signature

BEAD R. ANDORSON Brad R. Anderson

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

I <u>David C. James</u> ("ASSIGN of subject matter ("INVENTION") "ESTIMATING A RESULT OF ("APPLICATION"), which:	disclosed and/or claimed	• • • • • • • • • • • • • • • • • • • •
LLC., One Microso LEGAL REPRESEN [®] on the following Office	ASSIGNOR hereby authorepresentative, Microsoft ft Way, Redmond, Washing TATIVES), to insert here and given Application to US – United States Patenti's Application No., filing of	Technology Licensing, iton 98052 (ASSIGNEE'S in parentheses (filed No by and Trademark Office)
	<u>h 20, 2020</u> and was given <i>i</i> e following Office " <u>US – Un</u> ;	
Microsoft Technology Lice behalf of itself and its successor of acquiring, the entire and ex- priority, in the INVENTION and derived therefrom, such as con- United States, its territories, an	rs and assigns ("ASSIGNEE") (clusive rights, title and ir the APPLICATION (and all o litinuing applications, in w	nterest, including the right of other applications and patents hole or in part, in and for the
to insert the Application No.,	filing date, and Office int	IEE'S LEGAL REPRESENTATIVES o the following table for any
APPLICATION DERIVATIVES afte	· · · · · · · · · · · · · · · · · · ·	T
Application No.	Filing Date	Office

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David C. James

David C. James

Printed Name in English

Printed Name in Native Language
(if other than English)

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LLC., One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE	:'S
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on <u>March 20, 2020</u> and given Application No. <u>16/826,142</u>	by
the following Office <u>US - United States Patent and Trademark Office</u>	<u>:e</u>)
this APPLICATION's Application No., filing date, and Office, who	en
known;	
was filed on and was given Application	
No by the following Office	
<u>"</u> ,	
	was filed on and was given Application No by the following Office

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Inventor's Signature

<u>March 20, 2</u>

Date

Brett Damon Alan Flegg

Printed Name in English

Printed Name in Native Language

(if other than English)



Page 2 of 2

PATENT REEL: 052349 FRAME: 0468

RECORDED: 04/08/2020