

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT7382583

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
YU ZHANG	09/05/2019
YING XU	08/29/2019
DARREN SHAUN FIRTH	09/05/2019
NANDA KISHORE SREERAMA	06/21/2019
AARON BRADY O'CALLAGHAN	06/06/2019
JAMES THOMAS GODISH	06/13/2019
ZACHARY THOMAS CAPEHART	09/03/2019
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:	17521832
CORRESPONDENCE DATA	
Fax Number:	(801)532-7543
<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>	
Phone:	8015321500
Email:	mspatent@rqn.com, usdocket@microsoft.com
Correspondent Name:	RAY QUINNEY & NEBEKER - MICROSOFT
Address Line 1:	36 SOUTH STATE STREET
Address Line 2:	SUITE 1400
Address Line 4:	SALT LAKE CITY, UTAH 84111
ATTORNEY DOCKET NUMBER:	406862-US-CNT
NAME OF SUBMITTER:	JAMES S. BULLOUGH
SIGNATURE:	/James S. Bullough/
DATE SIGNED:	06/14/2022

PATENT

Total Attachments: 16

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EPAS ID: PAT5704227

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
YU ZHANG	09/05/2019
YING XU	08/29/2019
DARREN SHAUN FIRTH	09/05/2019
NANDA KISHORE SREERAMA	06/21/2019
AARON BRADY O'CALLAGHAN	06/06/2019
JAMES THOMAS GODISH	06/13/2019
ZACHARY THOMAS CAPEHART	09/03/2019
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:	16562127
CORRESPONDENCE DATA	
Fax Number:	(801)532-7543
<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>	
Phone:	(801) 532-1500
Email:	mspatent@rqn.com,usdocket@microsoft.com
Correspondent Name:	RAY QUINNEY & NEBEKER
Address Line 1:	36 SOUTH STATE STREET
Address Line 2:	SUITE 1400
Address Line 4:	SALT LAKE CITY, UTAH 84111
ATTORNEY DOCKET NUMBER:	406862-US-NP
NAME OF SUBMITTER:	JAMES S. BULLOUGH
SIGNATURE:	/James S. Bullough, Reg.# 65352/
DATE SIGNED:	09/05/2019

PATENT

Total Attachments: 14

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I Yu ZHANG (“ASSIGNOR”) am the original inventor or an original joint inventor of subject matter (“INVENTION”) disclosed and/or claimed in a patent application entitled “INGESTING AND PROCESSING CONTENT TYPES” (“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 May 31, 2019 and was given Application No. 62/855,799 by the following Office “US – United States Patent and Trademark 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”));

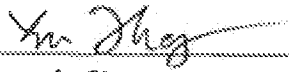
ASSIGNOR hereby authorizes, and requests, ASSIGNEE’S LEGAL REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any APPLICATION DERIVATIVES after they are known;

Application No.	Filing Date	Office
16/562,127	September 5, 2019	USPTO
17/521,832	November 8, 2021	USPTO

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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>2019-09-05</u>
Inventor's Signature	Date
<u>Yu ZHANG</u>	
Printed Name in English	Printed Name in Native Language (if other than English)

I Ying XU (“ASSIGNOR”) am the original inventor or an original joint inventor of subject matter (“INVENTION”) disclosed and/or claimed in a patent application entitled “INGESTING AND PROCESSING CONTENT TYPES” (“APPLICATION”), which:

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<u>Ying Xu</u>	<u>08/29/2019</u>
Inventor's Signature	Date
<u>Ying XU</u>	<u>徐莹</u>
Printed Name in English	Printed Name in Native Language (if other than English)

I Darren Shaun FIRTH (“ASSIGNOR”) am the original inventor or an original joint inventor of subject matter (“INVENTION”) disclosed and/or claimed in a patent application entitled “INGESTING AND PROCESSING CONTENT TYPES” (“APPLICATION”), which:

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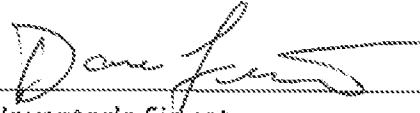
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	<u>9/05/2019</u>
Inventor's Signature	Date
<u>Darren Shaun FIRTH</u>	
Printed Name in English	Printed Name in Native Language (if other than English)

I Nanda Kishore SREERAMA (“ASSIGNOR”) am the original inventor or an original joint inventor of subject matter (“INVENTION”) disclosed and/or claimed in a patent application entitled “INGESTING AND PROCESSING CONTENT TYPES” (“APPLICATION”), which:

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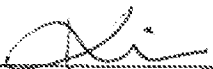
Application No.	Filing Date	Office
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PATENT ASSIGNMENT

MS Docket No.: 406862-US-PSP

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 Inventor's Signature	<u>06/21/19</u> Date
<u>Nanda Kishore SREERAMA</u> Printed Name in English	<u>NANDA KISHORE SREERAMA</u> Printed Name in Native Language (if other than English)

I Aaron Brady O'CALLAGHAN ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "INGESTING AND PROCESSING CONTENT TYPES" ("APPLICATION"), which:

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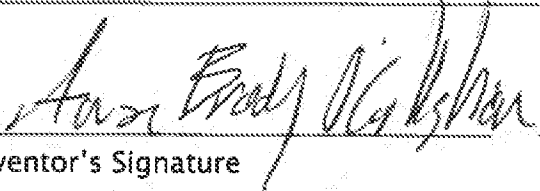

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Inventor's Signature	Date
Aaron Brady O'CALLAGHAN	
Printed Name in English	Printed Name in Native Language (if other than English)

I James Thomas GODISH (“ASSIGNOR”) am the original inventor or an original joint inventor of subject matter (“INVENTION”) disclosed and/or claimed in a patent application entitled “INGESTING AND PROCESSING CONTENT TYPES” (“APPLICATION”), which:

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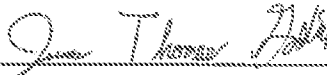
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 Inventor's Signature	<u>2019-6-13</u> Date
<u>James Thomas GODISH</u> Printed Name in English	 Printed Name in Native Language (if other than English)

I Zachary Thomas CAPEHART (“ASSIGNOR”) am the original inventor or an original joint inventor of subject matter (“INVENTION”) disclosed and/or claimed in a patent application entitled “INGESTING AND PROCESSING CONTENT TYPES” (“APPLICATION”), which:

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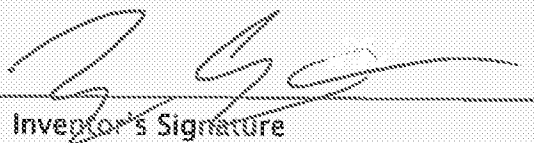
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	<u>09/03/2019</u>
_____ Inventor's Signature	_____ Date
<u>Zachary Thomas CAPEHART</u>	_____
_____ Printed Name in English	_____ Printed Name in Native Language (if other than English)