

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4490478

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SAMUEL TERRENCE TRIM	06/28/2017
PATRICIA ANNE DONNELLAN	07/05/2017
ELIYOHU ARON INGER	06/27/2017
KEYING LI	06/27/2017
PRANEETH REDDY VATTI	06/27/2017
YAN GUO	06/27/2017
SENTHIL VEL GUNASEKARAN	06/27/2017
NAGARJUNA ARAVAPALLI	06/28/2017
NEETA VINOD ATAL	06/30/2017
PRIYATHAM REDDY ALLALA	06/28/2017
STEPHEN ROBERT WHITE	06/27/2017
XIAOMING WANG	06/27/2017
MICHAEL GORDON HALE	06/28/2017
JASON DREW BLACK	06/27/2017
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:	15640253
CORRESPONDENCE DATA	
Fax Number:	(801)328-1707
<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:	801-533-9800
Email:	mstringham@wnlaw.com, usdocket@microsoft.com

Correspondent Name: WORKMAN NYDEGGER/MICROSOFT
Address Line 1: 60 EAST SOUTH TEMPLE
Address Line 2: SUITE 1000
Address Line 4: SALT LAKE CITY, UTAH 84111

ATTORNEY DOCKET NUMBER: 13768.3278

NAME OF SUBMITTER: J. LAVAR OLDHAM

SIGNATURE: /J. LaVar Oldham/

DATE SIGNED: 07/05/2017

Total Attachments: 28

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I Samuel Terrence TRIM ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Modeling Actor and Asset Relationships" ("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;

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 _____ Inventor's Signature	<u>6/28/2017</u> _____ Date
Samuel Terrence TRIM _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

I Patricia Anne DONNELLAN ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Modeling Actor and Asset Relationships" ("APPLICATION"), which:

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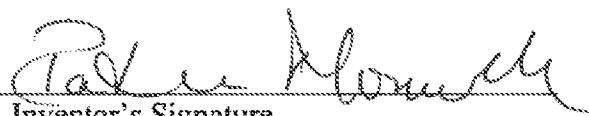
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	<u>7.5.17</u>
Inventor's Signature	Date
<u>Patricia Anne DONNELLAN</u>	
Printed Name in English	Printed Name in Native Language (if other than English)

I Eliyohu Aron INGER (“ASSIGNOR”) am the original inventor or an original joint inventor of subject matter (“INVENTION”) disclosed and/or claimed in a patent application entitled “Modeling Actor and Asset Relationships” (“APPLICATION”), which:

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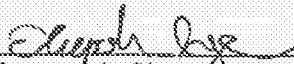
PATENT ASSIGNMENT

MS Docket No.: 402718-US-NP

WN Docket No.: 13768.3278

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 Inventor's Signature	6/27/19 Date
Eliyohu Aron INGER Printed Name in English	 Printed Name in Native Language (if other than English)

I Keying LI ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Modeling Actor and Asset Relationships" ("APPLICATION"), which:

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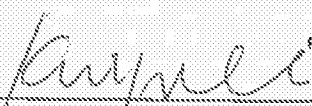
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	6/27/2017
Inventor's Signature	Date
Keying LI	李可穎
Printed Name in English	Printed Name in Native Language (if other than English)

I Praneeth Reddy VATTI ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Modeling Actor and Asset Relationships" ("APPLICATION"), which:

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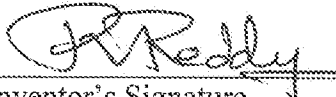
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	06/27/2017
Inventor's Signature	Date
Praneeth Reddy VATTI	
Printed Name in English	Printed Name in Native Language (if other than English)

I Yan GUO ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Modeling Actor and Asset Relationships" ("APPLICATION"), which:

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Inventor's Signature



Yan GUO

Date

6/27/2017

Printed Name in English
(if other than English)

郭岩

Printed Name in Native Language

PATENT ASSIGNMENT

MS Docket No.: 402718-US-NP

WN Docket No.: 13768.3278

I Senthil Vel GUNASEKARAN ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Modeling Actor and Asset Relationships" ("APPLICATION"), which:

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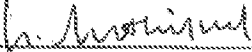
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	6/27/2017
Inventor's Signature	Date
Senthil Vel GUNASEKARAN	
Printed Name in English	Printed Name in Native Language (if other than English)

I Nagariuna ARAVAPALLI ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Modeling Actor and Asset Relationships" ("APPLICATION"), which:

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<u>ea Nagarjuna</u> Inventor's Signature	<u>06-28-2017</u> Date
<u>Nagarjuna ARAVAPALLI</u> Printed Name in English	<u>Printed Name in Native Language (if other than English)</u>

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I Neeta Vinod ATAL ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Modeling Actor and Asset Relationships" ("APPLICATION"), which:

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Inventor's Signature	Date
Neeta Vinod ATAL	
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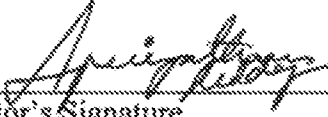
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 Inventor's Signature	<u>06-28-2017</u> Date
<u>Priyatham Reddy ALLALA</u> Printed Name in English	 Printed Name in Native Language (if other than English)

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MS Docket No.: 402718-US-NPWN Docket No.: 13768.3278

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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

6/27/2017

Date

Stephen Robert WHITE
Printed Name in EnglishPrinted Name in Native Language
(if other than English)

I Xiaoming WANG ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Modeling Actor and Asset Relationships" ("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 2017-06-30 and was given Application No. 15/640253 by the following Office "USPTO";

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"));

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Application No.	Filing Date	Office

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

PATENT ASSIGNMENT

MS Docket No.: 402718-US-NP

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<u>Xiaoming Wang</u>	<u>06/27/2017</u>
Inventor's Signature	Date
<u>Xiaoming WANG</u>	<u>王曉鳴</u>
Printed Name in English	Printed Name in Native Language (if other than English)

I Michael Gordon HALE ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Modeling Actor and Asset Relationships" ("APPLICATION"), which:

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 Inventor's Signature	<u>6/28/17</u> Date
Michael Gordon HALE Printed Name in English	 Printed Name in Native Language (if other than English)

I Jason Drew BLACK ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Modeling Actor and Asset Relationships" ("APPLICATION"), which:

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 _____ Inventor's Signature	<u>6-27-2017</u> _____ Date
Jason Drew BLACK _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)