505263467 01/04/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5310239

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	CONFIRMATORY ASSIGNMENT TO REPLACE DIGITAL SIGNATURES WITH HAND-WRITTEN SIGNATURES

CONVEYING PARTY DATA

Name	Execution Date
PENGYU CHEN	11/20/2018
JORDAN RIAN COHEN	08/09/2018
LAURENCE STEVEN GILLICK	08/07/2018
DAVID LEO WRIGHT HALL	10/12/2018
DANIEL KLEIN	09/21/2018
ADAM DAVID PAULS	08/20/2018
DANIEL LAWRENCE ROTH	08/08/2018
JESSE DANIEL ESKES RUSAK	08/06/2018

RECEIVING PARTY DATA

Name:	SEMANTIC MACHINES, INC.	
Street Address:	ONE GATEWAY CENTER	
Internal Address:	300 WASHINGTON STREET, UNIT 302	
City:	NEWTON	
State/Country:	MASSACHUSETTS	
Postal Code:	02458	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15358666

CORRESPONDENCE DATA

Fax Number: (425)936-7329

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: 4257079382

Email: usdocket@microsoft.com

Correspondent Name: MICROSOFT CORPORATION

Address Line 1: ONE MICROSOFT WAY

Address Line 4: REDMOND, WASHINGTON 98052

ATTORNEY DOCKET NUMBER:	800096-US-NP
NAME OF SUBMITTER:	CATHERINE POLANCE

PATENT 505263467 REEL: 048012 FRAME: 0532

SIGNATURE:	/Catherine Polance/
DATE SIGNED:	01/04/2019

Total Attachments: 16

source=Confirmatory Assignment (inventors to Semantic Machines, Inc.) 800096-US-NP#page1.tif source=Confirmatory Assignment (inventors to Semantic Machines, Inc.) 800096-US-NP#page2.tif source=Confirmatory Assignment (inventors to Semantic Machines, Inc.) 800096-US-NP#page3.tif source=Confirmatory Assignment (inventors to Semantic Machines, Inc.) 800096-US-NP#page4.tif source=Confirmatory Assignment (inventors to Semantic Machines, Inc.) 800096-US-NP#page5.tif source=Confirmatory Assignment (inventors to Semantic Machines, Inc.) 800096-US-NP#page6.tif source=Confirmatory Assignment (inventors to Semantic Machines, Inc.) 800096-US-NP#page7.tif source=Confirmatory Assignment (inventors to Semantic Machines, Inc.) 800096-US-NP#page8.tif source=Confirmatory Assignment (inventors to Semantic Machines, Inc.) 800096-US-NP#page9.tif source=Confirmatory Assignment (inventors to Semantic Machines, Inc.) 800096-US-NP#page10.tif source=Confirmatory Assignment (inventors to Semantic Machines, Inc.) 800096-US-NP#page11.tif source=Confirmatory Assignment (inventors to Semantic Machines, Inc.) 800096-US-NP#page12.tif source=Confirmatory Assignment (inventors to Semantic Machines, Inc.) 800096-US-NP#page13.tif source=Confirmatory Assignment (inventors to Semantic Machines, Inc.) 800096-US-NP#page14.tif source=Confirmatory Assignment (inventors to Semantic Machines, Inc.) 800096-US-NP#page15.tif source=Confirmatory Assignment (inventors to Semantic Machines, Inc.) 800096-US-NP#page16.tif

> PATENT REEL: 048012 FRAME: 0533

For good and valuable consideration, the receipt of which is hereby acknowledged, Pengyu Chen, Jordan Rian Cohen, Laurence Steven Gillick, David Leo Wright Hall, Daniel Klein, Adam David Pauls, Daniel Lawrence Roth, and Jesse Daniel Eskes Rusak ("Assignors"), hereby confirm the inventor assignment(s) executed and recorded with the United States Patent and Trademark Office at the Reel/Frames shown in the table below. The Assignors do hereby sell, assign, transfer and convey unto Semantic Machines, Inc., a corporation of the State of Delaware ("Assignee"), all of Assignors' entire right, title and interest in and to (a) US patent application 15/358666; (b) all reissues, reexaminations, continuations, parents, continuations-in-part, divisionals and extensions (collectively "Related Cases") of such patent application; (c) patent applications (i) to which any or all of the foregoing directly or indirectly forms a basis for priority; and (d) all Related Cases (whether pending, issued, abandoned or filed in the future) and foreign counterparts to any or all of the foregoing, including without limitation utility models design patents, certificates of invention and equivalent rights worldwide (collectively "Patent Rights"):

Inventor	Execution Date	Recorded at Reel/Frame	Serial No.	Country	Filing Date	Title
Pengyu Chen	03/03/2017			,		
Jordan Rian Cohen	03/15/2017					
Laurence Steven Gillick	03/06/2017				1	Automatic
David Leo Wright Hall	03/03/2017	0.4070210340	15/259666	rio.	11/22/2016	Spoken
Daniel Klein	03/06/2017	042625/0742	15/358666	US	11/22/2010	Dialogue Script
Adam David Pauls	03/04/2017				rease cooling	Discovery
Daniel Lawrence Roth	03/15/2017					ž
Jesse Daniel Eskes Rusak	03/03/2017					

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The terms and conditions of this Assignment will inure to the benefit of Assignee, its successors, assigns and other legal representatives, and will be binding upon Assignors, their successors, assigns and other legal representatives.

	Date 11/20/18
Pengyu Chen	Date
Jordan Rian Cohen	Date
Jordan Klan Cohen	
Laurence Steven Gillick	Date
	Date
David Leo Wright Hall	
Daniel Klein	Date
	Date
Adam David Pauls	
Daniel Lawrence Roth	Date
	Data
Jesse Daniel Eskes Rusak	Date

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Pengyu Chen	03/03/2017					
Jordan Rian Cohen	03/15/2017		15/358666	us	11/22/2016	Automatic Spoken Dialogue Script Discovery
Laurence Steven Gillick	03/06/2017	042625/0742				
David Leo Wright Hall	03/03/2017					
Daniel Klein	03/06/2017					
Adam David Pauls	03/04/2017					
Daniel Lawrence Roth	03/15/2017					
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Jordan Rian Cohen	Date
Laurence Steven Gillick	Date
David Leo Wright Hall	Date
Daniel Klein	Date
Adam David Pauls	Date Asy 20/282
Daniel Lawrence Roth	Date
Jesse Daniel Eskes Rusak	. Date

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Laurence Steven Gillick	03/06/2017	042625/0742				
David Leo Wright Hall	03/03/2017					
Daniel Klein	03/06/2017					
Adam David Pauls	03/04/2017					Discovery
Daniel Lawrence Roth	03/15/2017					~ .~.~.,
Jesse Daniel Eskes Rusak	03/03/2017					

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	Date
Pengyu Chen	
Jordan Rian Cohen	Date
Laurence Steven Gillick	Date
David Leo Wright Hall	Date
Daniel Klein	Date
Adam David Pauls	Date
Daniel Lawrence Roth	Date
125 A	Date <u>Av \ L, 2013</u>
Jesse Daniel Eskes∕Rusak	Page 2

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Laurence Steven Gillick	03/06/2017					Automatic
David Leo Wright Hall	03/03/2017	042625/0742	15/358666	US	11/22/2016	Spoken
Daniel Klein	03/06/2017					Dialogue Script
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	Date
Pengyu Chen	
Jordan Rian Cohen	Date
Laurence Steven Gillick	Date8 7 / 18
David Leo Wright Hall	Date
Daniel Klein	Date
Adam David Pauls	Date
Daniel Lawrence Roth	Date
**************************************	Date

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Daniel Klein	03/06/2017	042625/0742	15/358666	US	11/22/2016	Dialogue Script
Adam David Pauls	03/04/2017					Discovery
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	Date
Laurence Steven Gillick	
**	Date
David Leo Wright Hall	
Daniel Klein	Date <u> </u>
Danei Rich	
Adam David Pauls	Date
a accepta anter rea a second	
Daniel Lawrence Roth	Date
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lesse Daniel Eskes Rusak	Date

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Jordan Rian Cohen	
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Laurence Steven Gillick	
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David Leo Wright Hall	
	Date
Daniel Klein	
	Date
Adam David Pauls	
2.Q 4	8/8/2018 4:21:39 PM EDT
Daniel Lawrence Roth	
	Date
Jesse Daniel Eskes Rusak	

Page 2

For good and valuable consideration, the receipt of which is hereby acknowledged, Pengyu Chen, Jordan Rian Cohen, Laurence Steven Gillick, David Leo Wright Hall, Daniel Klein, Adam David Pauls, Daniel Lawrence Roth, and Jesse Daniel Eskes Rusak ("Assignors"), hereby confirm the inventor assignment(s) executed and recorded with the United States Patent and Trademark Office at the Reel/Frames shown in the table below. The Assignors do hereby sell, assign, transfer and convey unto Semantic Machines, Inc., a corporation of the State of Delaware ("Assignee"), all of Assignors' entire right, title and interest in and to (a) US patent application 15/358666; (b) all reissues, reexaminations, continuations, parents, continuations-in-part, divisionals and extensions (collectively "Related Cases") of such patent application; (c) patent applications (i) to which any or all of the foregoing directly or indirectly forms a basis for priority; and (d) all Related Cases (whether pending, issued, abandoned or filed in the future) and foreign counterparts to any or all of the foregoing, including without limitation utility models design patents, certificates of invention and equivalent rights worldwide (collectively "Patent Rights"):

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Daniel Lawrence Roth	03/15/2017					Ownord)
Jesse Daniel Eskes Rusak	03/03/2017			Ŷ		

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This confirmatory assignment is effective as with the original assignment (Attachment 1) on or before November 25, 2015.

Page 1

By: Date Pengyu Chen By: Date Jordan Rian Cohen By: Date Laurence Steven Gillick 10/11/18 By: Date David Leo Wright Hall By: Date Daniel Klein By: Date Adam David Pauls By: Date Daniel Lawrence Roth By: Date

ASSIGNORS

Page 2

Jesse Daniel Eskes Rusak

PATENT REEL: 048012 FRAME: 0547

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Pengyu Chen	
Jahnti Ch	Date8/9//8
Jordan Rian Cohen	<u> </u>
2	Date
Laurence Steven Gillick	ä
	Note
David Leo Wright Hall	Date
N. C. A. T. T.	Date
Daniel Klein	
	Date
Adam David Pauls	
Daniel Lawrence Roth	Date
	Date

Page 2