505286085 01/18/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5332859

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JACOB DANIEL ANDREAS	01/03/2019
DANIEL LOUIS KLEIN	01/09/2019
DAVID LEO WRIGHT HALL	01/02/2019
LAURENCE STEVEN GILLICK	01/02/2019
PENGYU CHEN	01/09/2019

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:	16230556	

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: ASSAL MEFTAHI

Address Line 1: ONE MICROSOFT WAY

Address Line 2: PATENT GROUP DOCKETING DEPT
Address Line 4: REDMOND, WASHINGTON 98052

ATTORNEY DOCKET NUMBER:	800112-US-NP
NAME OF SUBMITTER:	VLADIMIR A. KOZYREV
SIGNATURE:	/VLADIMIR A. KOZYREV/
DATE SIGNED:	01/18/2019

PATENT 505286085 REEL: 048058 FRAME: 0617

Total Attachments: 10 source=800112-US-NP Executed Assignments#page1.tif source=800112-US-NP Executed Assignments#page2.tif source=800112-US-NP Executed Assignments#page3.tif source=800112-US-NP Executed Assignments#page4.tif source=800112-US-NP Executed Assignments#page5.tif source=800112-US-NP Executed Assignments#page6.tif source=800112-US-NP Executed Assignments#page7.tif source=800112-US-NP Executed Assignments#page8.tif source=800112-US-NP Executed Assignments#page9.tif source=800112-US-NP Executed Assignments#page9.tif

PATENT REEL: 048058 FRAME: 0618

PATENT ASSIGNMEN	Γ MS Docket	No.: <u>800112-US-NP</u>
I Jacob Daniel ANDREAS joint inventor of subject matte application entitled "GENERAS SYSTEM" ("APPLICATION"), whice	er ("INVENTION") disclose TING DIALOGUE EVENTS	·
		-wi
	ASSIGNOR hereby auth representative, Semantic	•
_	300 Washington Stree	, ,
•	2458 (ASSIGNEE'S LEGAL	
insert here in pare		REFRESENTATIVES), to
·	and given Application N	do by
	ce	
	pplication No., filing da	
	mber 21, 2018 and was gi e following Office " <u>USPTC</u>	
Semantic Machines, Inc successors and assigns ("ASSIC entire and exclusive rights, tit INVENTION and the APPLICAT therefrom, such as continuing States, its territories, and all for	CNEE"), is entitled to, and tle and interest, including TON (and all other appl applications, in whole or	g the right of priority, in the ications and patents derived in part, in and for the United
ASSIGNOR hereby	authorizes and requ	uests, ASSIGNEE'S LEGAL
REPRESENTATIVES to insert the	•	•
following table for any APPLICA	• •	-
Application No.	Filing Date	Office
	Timing Pare	

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).

JAJ J. J.	3 January 2019
Inventor's Signature	Date
Jacob Daniel ANDREAS	
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT ASSIGNMENT	Γ MS Docket	No.: <u>800112-US-NP</u>	
I <u>Daniel Louis KLEIN</u> ("Alinventor of subject matter (application entitled " <u>GENERA</u> " ("APPLICATION"), which	"INVENTION") disclosed a TING DIALOGUE EVENTS	•	
ASSIGNEE'S legal Gateway Center, Massachusetts, 0 insert here in pare the following Office	ASSIGNOR hereby auth representative, Semantice 300 Washington Stree 2458 (ASSIGNEE'S LEGAL entheses (filed on and given Application Nocepplication No., filing date	c Machines, Inc., One t, Unit 302, Newton REPRESENTATIVES), to No by	
	<u>mber 21, 2018</u> and was gi e following Office " <u>USPTO</u>		
Semantic Machines, Inc., a Delaware corporation, 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	
Application No.	Timing Dutte	- Chile	

MS Docket No.: <u>800112-US-NP</u>

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	1/9/2019 Date			
Daniel Louis KLEIN				
Printed Name in English	Printed Name in Native Language			
	(if other than English)			

PATENT ASSIGNMENT	Γ MS Docket	No.: <u>800112-US-NP</u>
I <u>David Leo Wright HAL</u> joint inventor of subject matte application entitled " <u>GENERA</u> <u>SYSTEM</u> " ("APPLICATION"), which	er ("INVENTION") disclosed	•
ASSIGNEE'S legal Gateway Center, Massachusetts, 0 insert here in pare	ASSIGNOR hereby auth representative, Semantion 300 Washington Stree 2458 (ASSIGNEE'S LEGAL entheses (filed on and given Application N	c Machines, Inc., One t, Unit 302, Newton REPRESENTATIVES), to
	ce pplication No., filing da	
	<u>mber 21, 2018</u> and was gi e following Office " <u>USPTO</u>	
Semantic Machines, Inc. successors and assigns ("ASSIC entire and exclusive rights, tit INVENTION and the APPLICAT therefrom, such as continuing States, its territories, and all for	CNEE"), is entitled to, and tle and interest, including TON (and all other appli applications, in whole or	g the right of priority, in the ications and patents derived in part, in and for the United
ASSIGNOR hereby a REPRESENTATIVES to insert th following table for any APPLICA	ne Application No., filing	_
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 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).

Dwitell	1/2/2019
Inventor's Signature	Date
David Leo Wright HALL	
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT ASSIGNMENT MS Docket No.: 800112-US-NP

joint invento application	of subject matt	er ("INVENTION") d TING DIALOGUE	isclosed and/or	ventor or an original claimed in a patent
	will be filed. ASSIGNEE'S legal Gateway Center Massachusetts, (insert here in par	ASSIGNOR hereb representative, S 300 Washingtor)2458 (ASSIGNEE'S entheses (filed on and given Appli	emantic Machir 1 Street, Unit LEGAL REPRESI	nes, Inc., One 302, Newton ENTATIVES), to
	the following Off	ice) this
	APPLICATION'S /	Application No., f	iling date, and	Office, when
X		<u>ember 21, 2018</u> an he following Office		lication No
successors entire and INVENTION therefrom.	and assigns ("ASS exclusive rights, i and the APPLICA such as continuin	IGNEE"), is entitled title and interest, \TION (and all off	to, and is designation to the right of the r	chalf of itself and its rous of acquiring, the ght of priority, in the and patents derived in and for the United RIVATIVES");
ASSI	GNOR hereby	authorizes, an	d requests,	ASSIGNEE'S LEGAL and Office into the
REPRESENT.	Alives to insert which for any Applif	TATION DERIVATIVE	S after they are l	known;
Application		Filing Date	Office	
Whhirauan	. 180.			

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).

Janen Steven Fillah	1/2/2019
Inventor's Signature	Date
Laurence Steven GILLICK	
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT ASSIGNMEN	T MS Docket	No.: <u>800112-US-NP</u>
inventor of subject matter	("INVENTION") disclosed ATING DIALOGUE EVENTS	inventor or an original joint and/or claimed in a patent 5 FOR NATURAL LANGUAGE
ASSIGNEE'S legal Gateway Center Massachusetts, insert here in part the following Office of the followi	ASSIGNOR hereby auth I representative, Semanti , 300 Washington Stree 02458 (ASSIGNEE'S LEGAL rentheses (filed on and given Application No., filing da	c Machines, Inc., One et, Unit 302, Newton REPRESENTATIVES), to No by) this
	ember 21, 2018 and was gi he following Office " <u>USPTC</u>	
successors and assigns ("ASS entire and exclusive rights, t INVENTION and the APPLICA	IGNEE"), is entitled to, and itle and interest, including TION (and all other apply applications, in whole or	n, on behalf of itself and its is desirous of acquiring, the g the right of priority, in the ications and patents derived in part, in and for the United TION DERIVATIVES"));
	the Application No., filin	uests, ASSIGNEE'S LEGAL g date, and Office into the ney are known;
Application No.	Filing Date	Office
		1

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	1/9/2019 Date
Pengyu CHEN	
Printed Name in English	Printed Name in Native Language
	(if other than English)

RECORDED: 01/18/2019