504842609 03/29/2018

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
PERCY SHUO LIANG	03/06/2018
DAVID LEO WRIGHT HALL	03/06/2018
DANIEL KLEIN	03/06/2018
LAURENCE STEVEN GILLICK	03/01/2018
JORDAN RIAN COHEN	03/06/2018
JOSHUA JAMES CLAUSMAN	03/01/2018
ADAM DAVID PAULS	03/06/2018
LINDA KATHLEEN ARSENAULT	03/05/2018

## **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:	15804093

## **CORRESPONDENCE DATA**

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Address Line 4: CUPERTINO, CALIFORNIA 95014

ATTORNEY DOCKET NUMBER:	SEMM-004PRV
NAME OF SUBMITTER:	STEVE BACHMANN

PAIENI **REEL: 045380 FRAME: 0289** 504842609

SIGNATURE:	/Steve Bachmann/
DATE SIGNED:	03/29/2018
Total Attachments: 5	
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PATENT REEL: 045380 FRAME: 0290 Page: 1 of 4 Docket No.: SEMM-004

### ASSIGNMENT

As a below named inventor, I hereby declare that:

I believe I am an original joint inventor of a claimed invention in a patent application entitled:

## DATA COLLECTION FOR A NEW CONVERSATIONAL DIALOGUE SYSTEM

filed on <u>November 6, 2017</u>, and assigned U.S. Application Number <u>15/804.093</u>, the specification of which is identified as Attorney Docket No. SEMM-004. I authorize and request an attorney appointed in the above-identified U.S. application to hereafter insert above the filing date and application number of the above-identified U.S. patent application and any continuing applications of the above-identified U.S. application into the following table when known.

Application No.	Filing Date	Office

I believe the following persons are original joint inventors of the above-identified U.S. patent application:

Percy Shuo Liang:

Daniel Klein;

Laurence Steven Gillick;

Jordan Rian Cohen;

Linda Kathleen Arsenault;

Joshua James Clausman;

Adam David Pauls; and

David Leo Wright Hall.

I made, authorized to make, or will make or authorize to make the above-identified patent application at the U.S. Patent and Trademark Office.

I have reviewed and understand the contents of the above-identified patent application including the claims.

I am aware of the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR §1.56.

I hereby acknowledge that any willful false statement made in the above declaration is punishable under 18 USC §1001 by fine or imprisonment of not more than five (5) years, or both.

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I hereby assign to <u>Semantic Machines, Inc.</u>, a corporation, having a place of business at <u>One</u>

<u>Gateway Center</u>, 300 Washington Street, Unit 302, Newton, Massachusetts, 02458, and its successors and assigns (collectively "the Assignee"), the entire right, title and interest throughout the world in any and all inventions and improvements which are described in the above-identified application.

This assignment includes the entire right, title and interest in the above-identified U.S. application, all legal equivalents thereof in any country, any and all United States, Patent Cooperation Treaty, and other foreign patents, utility models, and design registrations granted for any of said inventions and improvements, including, but not limited to, all divisions, continuations, reissues, reexamination certificates, any and all certificates issued in any post-grant proceeding, and extensions of said applications and patents of the United States, Patent Cooperation Treaty and all other foreign patents, utility models, and design registrations, and the right to claim priority based on the filing dates of the above-identified U.S. application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes, and the right to seek relief and recover all damages, including, but not limited to, a reasonable royalty, by reason of infringement or any other violation of patent or patent application rights. I authorize the Assignee to apply in all countries in the name of the Assignee for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements.

In addition, I hereby confirm the sale, assignment, and transfer to the Assignee of the entire right, title and interest throughout the world in said inventions and improvements that occurred by operation of an employment agreement between me and the Assignee existing at the time said inventions and improvements were made. Should I have any remaining interest, I hereby sell, assign, and transfer any right, title and interest I may have in said inventions and improvements anywhere in the world to the Assignee.

The foregoing assignments, sale and transfer have been made for good and valuable consideration in accordance with the aforementioned employment agreement.

I hereby represent and covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into that would conflict with the assignment of said inventions and improvements to the Assignee.

I further covenant for myself and my respective heirs, legal representatives and assigns, to assist the Assignee in handling various procedures, tasks and documentation in connection with this assignment, including, but not limited to, providing to the Assignee promptly upon the request of the Assignee all pertinent facts and documents relating to said invention and improvements, and said patents, said legal equivalents or other legal instrument as may be known and accessible to me and testifying as to the same in any interference, litigation, or proceeding relating thereto, and promptly executing and delivering to the

Assignee or its legal representative any and all papers, documents, instruments or affidavits in connection with obtaining, maintaining, issuing or enforcing said application, said inventions and improvements, and said patents, said equivalents and other legal instrument which may be necessary or desirable to carry out the purposes thereof.

I hereby authorize and request the Commissioner of Patents and Trademarks to issue one or more patents in the United States for said inventions and improvements to <u>Semantic Machines</u>, <u>Inc.</u> as assignee of the entire interest, for the sole use and benefit of Assignee, its successors and assigns.

I am competent to execute the above declaration and assignment. I hereby have duly executed the declaration and assignment below with my name.

Full name of first inventor: Percy Shuo Liang	
Inventor's signature:	Date: 3/6/18
Full name of joint inventor: Daniel Klein	<i>j</i> .
Inventor's signature:	Date: 3/6/18
Full name of joint inventor: Laurence Steven Gillick	
Inventor's signature: January & Filsis.	Date: 3/1/18
Full name of joint inventory Jordan Rian Cohen	
Inventor's signature: Line Col	Date: <u>3/6/20/</u> 8
Full name of joint inventor: Linda Kathleen Arsenault	
Inventor's signature:	Date:
Full name of joint inventor: Joshua James Clausman	
Inventor's signature:	Date: 3/1/18

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Full name of joint inventor: Adam David Pauls		i 1
Inventor's signature:	Date:	3/4/18
, and the second se		
Full name of joint inventor: David Leo Wright Hall		٠
Inventor's signature:	Date:	3/6/13

Docket No.: SEMM-004

Assignee or its legal representative any and all papers, documents, instruments or affidavits in connection with obtaining, maintaining, issuing or enforcing said application, said inventions and improvements, and said patents, said equivalents and other legal instrument which may be necessary or desirable to carry out the purposes thereof.

I hereby authorize and request the Commissioner of Patents and Trademarks to issue one or more patents in the United States for said inventions and improvements to <u>Semantic Machines, Inc.</u> as assignee of the entire interest, for the sole use and benefit of Assignee, its successors and assigns.

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Full name of first inventor: Percy Shuo Liang	
Inventor's signature:	Date:
Full name of joint inventor: Daniel Klein	
Inventor's signature:	Date:
Full name of joint inventor: Laurence Steven Gillick	
Inventor's signature:	Date:
Full name of joint inventor: Jordan Rian Cohen	
Inventor's signature:	
Full name of joint inventor: Linda Kathleen Arsenault	
Inventor's signature: Lin Q	Date: 3/5/18
Full name of joint inventor: Joshua James Clausman	
Inventor's signature:	Date:

PATENT REEL: 045380 FRAME: 0295