## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5660687

| SUBMISSION TYPE:      | CORRECTIVE ASSIGNMENT   |  |
|-----------------------|---|--|
| NATURE OF CONVEYANCE: | Corrective Assignment to correct the SIGNATURES ON THE<br>ASSIGNMENT DOCUMENT previously recorded on Reel 045791 Frame<br>0064. Assignor(s) hereby confirms the ASSIGNMENT. |  |
| RESUBMIT DOCUMENT ID: | 505263533   |  |

## **CONVEYING PARTY DATA**

| Name                  | Execution Date |
|-----------------------|----------------|
| PERCY SHUO LIANG      | 05/09/2018     |
| DAVID LEO WRIGHT HALL | 05/09/2018     |
| JOSHUA JAMES CLAUSMAN | 05/10/2018     |

## **RECEIVING PARTY DATA**

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

## **PROPERTY NUMBERS Total: 1**

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 15974650 |

## CORRESPONDENCE DATA

(425)936-7329 Fax Number: 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: 800106-US-CIP NAME OF SUBMITTER: CATHERINE POLANCE SIGNATURE: /Catherine Polance/

 DATE SIGNED:
 08/08/2019

 Total Attachments: 5

source=Corrective Assignment (inventors to Semantic Machines, Inc.) 800106-US-CIP#page1.tif source=Corrective Assignment (inventors to Semantic Machines, Inc.) 800106-US-CIP#page2.tif source=Corrective Assignment (inventors to Semantic Machines, Inc.) 800106-US-CIP#page3.tif source=Corrective Assignment (inventors to Semantic Machines, Inc.) 800106-US-CIP#page4.tif source=Corrective Assignment (inventors to Semantic Machines, Inc.) 800106-US-CIP#page5.tif



### **UNITED STATES PATENT AND TRADEMARK OFFICE**

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

July 03, 2019

PTAS

MICROSOFT CORPORATION ONE MICROSOFT WAY REDMOND, WA 98052



United States Patent and Trademark Office Notice of Non-Recordation of an Assignment Document

The enclosed document has been examined and found non-recordable by the Assignment Recordation Branch of the U.S. Patent and Trademark Office. The reason(s) for non-recordation are stated below:

 The document submitted to correct errors in the previously recorded document is not acceptable. To correct an error in the recorded document, you must file a new cover sheet stating the error and the nature of conveyance, attach the previously recorded cover sheet which contains the error and the supporting document and pay the recording fees as set forth in 37 C.F.R. §3.34

Documents being resubmitted for recordation must reflect the corrected information to be recorded, the Document ID number referenced above and all pages from this submitted document. The original date of filing of this assignment document will be maintained if resubmitted with the appropriate correction(s) by **Tuesday**, **September 3**, **2019**, as outlined under 37 CFR 3.51. The resubmitted document must include a stamp with the official date of receipt under 37 CFR 3. Applicants may use the certified procedures under 37 CFR 1.8 or 1.10 for resubmission of the returned papers if they desire to have the benefit of the date of deposit in the United States Postal Service.

To file the resubmission electronically, navigate to the EPAS website at <a href="http://epas.uspto.gov">http://epas.uspto.gov</a>, click the Start Resubmission button and enter the following information:

## Document ID: 505263533 Access Code: MI3GEKRDVCZ95W5

To file the resubmission in paper, send documents to: U.S. Patent and Trademark Office, Mail Stop: Assignment Recordation Branch, P.O. BOX 1450, Alexandria, VA 22313. If you have any questions regarding this notice, you may contact the Assignment Recordation Branch at 571-272-3350.

STEFANIE BRYCE ASSIGNMENT RECORDATION BRANCH PUBLIC RECORDS DIVISION

# 504912032 05/13/2018

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4958776

| UBMISSION TYPE: NEW ASSIGNMENT   |            |   |                |  |  |
|----------------------------------|------------|---|----------------|--|--|
| NATURE OF CONVEYANCE:            |            | ASSIGNMENT  | ASSIGNMENT     |  |  |
| CONVEYING PARTY                  | ΟΑΤΑ       |   |                |  |  |
|                                  |            | Name  | Execution Date |  |  |
| PERCY SHUO LIANG                 |            |   | 05/09/2018     |  |  |
| DAVID LEO WRIGHT HALL            |            |   | 05/09/2018     |  |  |
| JOSHUA JAMES CLAUSMAN            |            |   | 05/10/2018     |  |  |
|                                  |            |   |                |  |  |
| RECEIVING PARTY D                | ΑΤΑ        |   |                |  |  |
| Name:                            | SEMAN      | TIC MACHINES, INC.  |                |  |  |
| Street Address:                  | ONE GA     | TEWAY CENTER  |                |  |  |
| Internal Address:                | 300 WA     | SHINGTON STREET UNIT 302  |                |  |  |
| City:                            | NEWTO      | NEWTON  |                |  |  |
| State/Country:                   | MASSA      | MASSACHUSETTS   |                |  |  |
| Postal Code:                     | 02458      |   |                |  |  |
| PROPERTY NUMBER                  |            | Number  |                |  |  |
| Application Number:              |            | 5974650   | -              |  |  |
| ••                               |            |   |                |  |  |
| CORRESPONDENCE                   | DATA       |   |                |  |  |
| Fax Number:                      | (          | 408)725-7521  |                |  |  |
|                                  |            | the e-mail address first; if that is up<br>if that is unsuccessful, it will be se |                |  |  |
| •                                | •          | 08-725-7520   |                |  |  |
| Email:                           |            | docket@bachmann-law.com   |                |  |  |
| Correspondent Name               | : 8        | STEVE BACHMANN  |                |  |  |
| Address Line 1:                  | 1          | 19925 STEVENS CREEK BLVD STE 100  |                |  |  |
| Address Line 2:                  |            | BACHMANN LAW GROUP  |                |  |  |
| Address Line 4:                  | (          | CUPERTINO, CALIFORNIA 95014   |                |  |  |
| ATTORNEY DOCKET NUMBER: SEMM-010 |            | SEMM-010  |                |  |  |
| NAME OF SUBMITTER:               |            | STEVE BACHMANN  | STEVE BACHMANN |  |  |
| SIGNATURE: /Steve Bachmann/      |            |   |                |  |  |
| DATE SIGNED: 05/13/2018          |            |   |                |  |  |
| Total Attachments: 1             |            | •   |                |  |  |
| source=SEMM-010 Assi             | gnment- ex | ecuted#page1.tif  |                |  |  |
|                                  |            |   |                |  |  |

### ASSIGNMENT

THIS ASSIGNMENT, by Percy Shuo Liang, David Leo Wright Hall, and Joshua James Clausman (hereinafter referred to as the Assignors), witnesseth:

WHEREAS, said Assignors have invented certain new and useful improvements, which are described in United States patent application 15/974,656 entitled FLEXIBLE AND EXPANDABLE DIALOGUE SYSTEM and filed May 8, 2018;

WHEREAS Semantic Machines, Inc., a body having corporate powers under the laws of Delaware and having a principal place of business at One Gateway Center, 300 Washington Street, Unit 302, Newton, Massachusetts (hereinafter referred to as the Assignee), is desirous of obtaining the entire right, title and interest in and to said inventions and said applications for Letters Patent, and in and to any Letters Patent. United States or foreign, to be obtained therefore and thereon, and to any and all improvements which are disclosed in said applications for Letters Patent;

NOW. THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged;

1. The Assignors have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto said Assignee the entire right, title, and interest in, to, and under said inventions; said applications for Letters Patent; any Letters Patent which may be granted for said inventions in the United States of America and any foreign country; any division, continuation, and continuation-in-part of said applications; any reissue or extension of said Letters Patent; and all rights under the International Convention for the Protection of Industrial Property; said right, title, and interest to be held and enjoyed by said Assignee for its own use and behoove to the full end of the term for which Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by the Assignors, had this sale and assignment not been made.

2. Said Assignors hereby warrant and represent that, at the time of execution and delivery of these presents, said Assignors were the lawful owners of the entire right, title, and interest in and to said inventions and said applications for Letters Patent, and that the same had not entered into any assignment, contract or understanding in conflict herewith.

3. Sold Assignors hereby covenant and agree to assist and cooperate with said Assignee, whereby said Assignee may enjoy to the fullest extent said right, title, and interest herein conveyed, provided, however, that the entire expense which may be incurred by said Assignors in lending such assistance and cooperation be paid by Assignee. Such cooperation shall include: (a) prompt execution of all papers (prepared at the expense of Assignee) that are deemed necessary or desirable by Assignee to perfect said right, title and interest herein conveyed, (b) prompt execution of all petitions, oaths, specifications, declarations and other papers (prepared at the expense of Assignee) that are deemed necessary or desirable by Assignee for filing or prosecuting in the United States or any foreign country said applications, any applications which are a division, continuation, or continuation-in-part of said applications, any relissue application for any Letters Patent granted on said applications, or for any interference proceeding involving said applications or Letters Patent granted thereon; and (c) prompt assistance and cooperation in the prosecution of all legal proceedings involving said inventions, said applications, or Letters Patent granted thereon, including oppositions, cancellation proceedings, priority contests, public use proceedings, and court actions.

4. The terms, covenants and conditions of this Assignment shall inure to the benefit of said Assignee, its successors, assigns, and/or other legal representatives, and shall be binding upon said Assignors, their heirs, legal representatives, and assigns.

5. Said Assignors hereby request the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States to said Assignce as the Assignce of said inventions.

IN WITNESS WHEREOF said Assignors have executed and delivered this instrument on the date noted below.

5/9/2018 1 5:13 PM EDDavid les Wright Hall Percy Sleve living 5/9/2018 | 3:37 PM EDT Percy Shuo Ligng Date Date David Leo Wright Hall 5/10/2018 | 4:12 PM EDT

Joshus James Clausman

Date

## PATENT REEL: 050072 FRAME: 0381

### ASSIGNMENT

THIS ASSIGNMENT, by Percy Shun Liang, David Leo Wright Hall, and Joshua James Clausman (hereinafter referred to as the Assignors), witnesseth-

WHEREAS, said Assignors have invented certain new and useful improvements, which are described in United States patent application 15/974,650 emitted FLEXIBLE AND EXPANDABLE DIALOGUE SYSTEM and filed May 8, 2018;

WHEREAS Semantic Machines, Inc., a body having corporate powers under the laws of Delaware and having a principal place of business at One Gateway Center, 300 Washington Street, Unit 302, Newton, Massachusetta (hereinafter referred to as the Assignee), is desirous of obtaining the entire tight, title and interest in and to said inventions and said applications for Letters Patent, and in and to any Letters Patent. United States or fordign, to be obtained therefore and thereon, and to any and all improvements which are disclosed in said applications for Letters Patent;

NOW, THEREFORE, for goad and valuable consideration, the newspit of which is hereby acknowledged:

1. The Assignors have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unso said Assignee the entire right, title, and interest in, to, and under said inventious; said applications for Letters Patent; any Letters Patent which may be granted for said inventions in the United States of America and any foreign country; any division, continuation, and continuation-in-part of said applications; any reissue or extension of said Letters Patent; and all rights under the International Convention for the Protection of Industrial Property; said right, title, and interest to be held and enjoyed by said Assignee for its own use and behave to the full end of the term for which Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by the Assignors, had this sale and assignment not been made.

2. Said Assignmes hereby warrant and represent that, at the time of execution and delivery of these presents, said Assignors were the lawful owners of the entire right, title, and interest in and to said inventions and said applications for Letters Patent, and that the same had not entered into any assignment, contract or understanding in conflict herewith.

3. Said Assignors hereby covenant and agree to assist and cooperate with said Assignee, whereby said Assignee may enjoy to the fullest extent said right, title, and interest herein conveyed, provided, however, that the entire expense which may be incurred by said Assignors in lending such assistance and cooperation be paid by Assignee. Such cooperation shall include: (a) prompt execution of all papers (prepared at the expense of Assignee) that are deemed necessary or desirable by Assignee to perfect said right, thile and interest herein conveyed. (b) prompt execution of all petitions, oaths, specifications, declarations and other papers (prepared at the expense of Assignce) that are deemed necessary in desirable by Assignee for filing or prosecuting in the United States or any fiveign country said applications, any applications which are a division, continuation, or continuation-in-part of said applications, any reissue application for any Letters Patent granted on said applications, or for any interference proceeding involving said applications or Letters Patent granted thereon; and (c) prompt assistance and cooperation in the prosecution of all legal proceedings involving said inventions, said applications, or Litters Patent granted thereon, including oppositions, cancellation proceedings, priority contexts, public use proceedings, and court actions.

4. The terms, covenants and conditions of this Assignment shall insite to the benefit of said Assigner, its successors, assigns, and/or other legal representatives, and shall be binding upon said Assignors, their heirs, legal representatives, and assigns.

5. Said Assignors hereby request the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States to said Assignce as the Assignce of said inventions,

IN WITNESS WHEREOF said Assignors have executed and delivered this inerge ment fin she date noted below.

5/10/2018 | 4:12 PM EDT

Date

Percy Sharo Linng

5/9/2018 | 5:13 pm ED Vavid (LO Wright Hall

5/9/2018 | 3:37 PM EDT

Percy Shuo Liang

Joshua James Clausman

Date

**David Leo Wright Hall** 

Date

REEL: 050072 FRAME: 0382

PATENT

### ASSIGNMENT

THIS ASSIGNMENT, by Percy Shuo Liang, David Leo Wright Hall, and Joshua James Clausman (hereinafter referred to as the Assignors), witnesseth

WHEREAS, said Assignors have invented certain new and useful improvements, which are described in United States patent application 15/974,650 entitled FLEXIBLE AND EXPANDABLE DIALOGUE SYSTEM and filed May 8, 2018;

WHEREAS Semantic Machines, Inc., a body having corporate powers under the laws of Delaware and having a principal place of business at One Gateway Center, 300 Washington Street, Unit 302, Newton, Massachusetts (hereinsfier referred to as the Assignee), is desirous of obtaining the entire right, title and interest in and to said inventions and said applications for Letters Patent, and in and to any Letters Patent. United States or foreign, to be obtained therefore and thereon, and to any and all improvements which are disclosed in said applications for Letters Patent;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged:

NAME AND SHORE SHOP AND AND A SHOP A SHOP A SHOP A SHOP AND A SHOP AND A SHOP AND A SHOP AND A SHOP A SHOP A S

1. The Assignors have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto said Assignee the entire right, title, and interest in, to, and under said inventions; said applications for Letters Patent; any Letters Patent which may be granted for said inventions in the United States of America and any foreign country; any division, continuation, and continuation-in-part of said applications; any reissue or extension of said Letters Patent; and all rights under the International Convention for the Protection of Industrial Property; said right, litle, and interest to be held and enjoyed by said Assignee for its own use and behove to the full end of the term for which Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by the Assignors, had this sale and assignment not been made.

2. Said Assignors hereby warrant and represent that, at the time of execution and delivery of these presents, said Assignors were the lawful owners of the entire right, title, and interest in and to said inventions and said applications for Letters Patent, and that the same had not entered into any assignment, contract or understanding in conflict herewith.

3. Said Assignors hereby covenant and agree to assist and cooperate with said Assignee, whereby said Assignee may enjoy to the fullest extent said right, title, and interest herein conveyed, provided, however, that the entire expense which may be incurred by said Assignors in lending such assistance and cooperation be paid by Assignee. Such cooperation shall include: (a) prompt execution of all papers (prepared at the expense of Assignee) that are deemed necessary or desirable by Assignee to perfect said right, title and interest herein conveyed, (b) prompt execution of all petitions, oaths, specifications, declarations and other papers (prepared at the expense of Assignee) that are deemed necessary or desirable by Assignee to perfect said right, title and interest herein conveyed, (b) prompt execution of all petitions, oaths, specifications, declarations and other papers (prepared at the expense of Assignee) that are deemed necessary or desirable by Assignee for filing or prosecuting in the United States or any foreign country said applications, any applications which are a division, continuation, or continuation-in-part of said applications, any reissue application for any Letters Patent granted on said applications, or for any interference proceeding involving said applications or Letters Patent granted thereon; and (c) prompt assistance and cooperation in the prosecution of all legal proceedings involving said inventions, said applications, or Letters Patent granted thereon, including oppositions, cancellation proceedings, priority contests, public use proceedings, and court actions.

4. The terms, covenants and conditions of this Assignment shall inure to the benefit of said Assignee, its successors, assigns, and/or other legal representatives, and shall be binding upon said Assignors, their heirs, legal representatives, and assigns.

5. Said Assignments hereby request the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States to said Assignee as the Assignee of said inventions.

IN WITNESS JEHERED For Assigners have executed and delivered this instrument on the date noted below.

Pering Share living 5/9/2018 | 5:13 PM EDPavid les Wright Hall 5/9/2018 | 3:37 PM EDT Percy Shuo Liang David Leo Wright Hall Date. Date 5/10/2018 | 4:12 PM EDT

PATENT REEL: 050072 FRAME: 0383

Joshua James Clausman

Date

RECORDED: 01/04/2019