

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
VIDYA R. SETLUR	11/24/2017
SARAH E. BATTERSBY	11/21/2017
MELANIE K. TORY	11/24/2017
RICHARD C. GOSSWEILER III	11/21/2017
ANGEL XUAN CHANG	11/21/2017
ISAAC J. DYKEMAN	11/26/2017
MD ENAMUL HOQUE PRINCE	11/21/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	TABLEAU SOFTWARE, INC.
<b>Street Address:</b>	1621 NORTH 34TH STREET
<b>City:</b>	SEATTLE
<b>State/Country:</b>	WASHINGTON
<b>Postal Code:</b>	98103
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15804991
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	
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<b>Correspondent Name:</b>	MORGAN LEWIS & BOCKIUS LLP
<b>Address Line 1:</b>	1400 PAGE MILL ROAD
<b>Address Line 4:</b>	PALO ALTO, CALIFORNIA 94304
<b>ATTORNEY DOCKET NUMBER:</b>	061127-5074-US
<b>NAME OF SUBMITTER:</b>	DAVID V. SANKER
<b>SIGNATURE:</b>	/DAVID V. SANKER/
<b>DATE SIGNED:</b>	11/28/2017
<b>Total Attachments: 2</b>	

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### ASSIGNMENT

WHEREAS, WE, **VIDYA R. SETLUR**, citizen of United States of America, residing in Portola Valley, California; **SARAH E. BATTERSBY**, citizen of United States of America, residing in Seattle, Washington; **MELANIE K. TORY**, citizen of Canada, residing in Palo Alto, California; **RICHARD C. GOSSWEILER III**, citizen of United States of America, residing in Sunnyvale, California; **ANGEL XUAN CHANG**, citizen of United States of America, residing in Stanford, California; **ISAAC J. DYKEMAN**, citizen of United States of America, residing in Bethesda, Maryland and **MD ENAMUL HOQUE PRINCE**, citizen of Bangladesh, residing in Vancouver, British Columbia, Canada, ASSIGNORS, are the inventors of the invention in **SYSTEMS AND METHODS OF USING NATURAL LANGUAGE PROCESSING FOR VISUAL ANALYSIS OF A DATA SET**, described in an application for a Patent of the United States

- which is executed on  even date herewith
- which is identified by Morgan, Lewis & Bockius LLP docket no. 061127-5074-US
- which was filed on November 6, 2017, Application No. 15/804,991
- which claims priority on U.S. Provisional Patent Application No(s). 62/321,695 and 62/418,052 and 62/500,999
- We hereby authorize and request our attorney, David V. Sanker, of Morgan, Lewis & Bockius LLP, to insert here in parenthesis (Application number \_\_\_\_\_, filed \_\_\_\_\_) the filing date and application number of said application when known.

and WHEREAS, **Tableau Software Inc.**, ASSIGNEE, having a place of business at 1621 N. 34th Street, Seattle, WA 98103, is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, let it be known that for and in consideration of the sum of One Dollar (\$1.00) to me paid, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and any substitute applications therefore, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; the said United States provisional patent application(s), if any, on which the said United States application claims priority; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application and said United States provisional patent application(s), if any, under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.

Date Nov 24, 2017

  
Vidya R. Setlur (Nov 24, 2017)

L.S.

**VIDYA R. SETLUR**

Date Nov 21, 2017 *Sarah E. Battersby* L.S.  
Sarah E. Battersby (Nov 21, 2017)  
**SARAH E. BATTERSBY**

Date Nov 24, 2017 *Melanie Tory* L.S.  
Melanie Tory (Nov 24, 2017)  
**MELANIE K. TORY**

Date Nov 21, 2017 *Richard Carl Gossweiler III* L.S.  
Richard Carl Gossweiler III (Nov 21, 2017)  
**RICHARD C. GOSSWEILER III**

Date Nov 21, 2017 *Angel Xuan Chang* L.S.  
Angel Xuan Chang (Nov 21, 2017)  
**ANGEL XUAN CHANG**

Date Nov 26, 2017 *Isaac Dykeman* L.S.  
Isaac Dykeman (Nov 26, 2017)  
**ISAAC J. DYKEMAN**

Date Nov 21, 2017 *Md Enamul Hoque Prince* L.S.  
Md Enamul Hoque Prince (Nov 21, 2017)  
**MD ENAMUL HOQUE PRINCE**