

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5554294

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Baoxuan Xiao	06/01/2019
Cezary Raczko	01/14/2019
Rixin Liao	10/10/2018
Jing Li	01/30/2019
Naveen Jayanchandran	11/13/2018
Atul Sharma	03/12/2019
L. Douglas Everhart	10/22/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	MICROSTRATEGY INCORPORATED
<b>Street Address:</b>	1850 TOWERS CRESCENT PLAZA
<b>City:</b>	VIENNA
<b>State/Country:</b>	VIRGINIA
<b>Postal Code:</b>	22182
<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15006655
<b>Application Number:</b>	62108027
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(877)769-7945
<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>	
<b>Phone:</b>	(202) 626-6404
<b>Email:</b>	apsi@fr.com
<b>Correspondent Name:</b>	SAM L. WILLIAMS
<b>Address Line 1:</b>	FISH & RICHARDSON P.C.
<b>Address Line 2:</b>	P.O.BOX 1022
<b>Address Line 4:</b>	MINNEAPOLIS, MINNESOTA 55440-1022
<b>ATTORNEY DOCKET NUMBER:</b>	30693-0198001
<b>NAME OF SUBMITTER:</b>	ARLENE F. YATES
<b>SIGNATURE:</b>	/Arlene F. Yates/

PATENT

<b>DATE SIGNED:</b>	06/04/2019
<b>Total Attachments: 8</b> source=30693-0198001 Executed Assignment#page1.tif source=30693-0198001 Executed Assignment#page2.tif source=30693-0198001 Executed Assignment#page3.tif source=30693-0198001 Executed Assignment#page4.tif source=30693-0198001 Executed Assignment#page5.tif source=30693-0198001 Executed Assignment#page6.tif source=30693-0198001 Executed Assignment#page7.tif source=30693-0198001 Executed Assignment#page8.tif	

### ASSIGNMENT

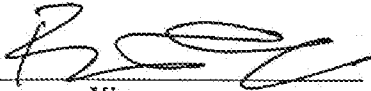
For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, BAOXUAN XIAO, CEZARY RACZKO, RIXIN LIAO, JING LI, NAVEEN JAYANCHANDRAN, ATUL SHARMA, and L. DOUGLAS EVERHART, each individually assign to MICROSTRATEGY INCORPORATED, a corporation formed under the laws of Delaware and having a principal place of business at 1850 Towers Crescent Plaza, Vienna, VA 22182, and its successors, transferees, and assignees (collectively the "Assignee"), all of our individual and joint right, title, and interest throughout the world in the subject matter (the "Subject Matter") of a patent application that names us as inventors, is titled "ENTERPRISE CONNECTIVITY," and was filed in the United States Patent and Trademark Office on January 26, 2016, as application 15/006,655 (the "Application"), and a provisional patent application that is titled "ENTERPRISE CONNECTIVITY," and was filed in the United States Patent and Trademark Office on January 26, 2015, as application 62/108,027. We authorize the insertion of the filing date and application number above.

This Assignment assigns (a) the Application and all other applications that may be made for, and all patents, utility models, design registrations, and other rights of exclusion and inventors' certificates for, any of the Subject Matter (collectively the "Applications and Granted Rights") in every country or region, (b) the right to claim priority based on and the benefit of the filing date of any of the Applications and Granted Rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other applicable treaties or conventions, and (c) the right to pursue, collect, and retain in the Assignee's name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment.

We authorize the Assignee to apply for and pursue protection for any or all of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment in all countries, regions, and territories of the world, in our names or in the Assignee's name.

We represent and warrant that we have the right and power to make this Assignment and that we have not made and will not make any other assignment that conflicts with this Assignment.

We will communicate to the Assignee (or at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter, will execute and provide all oaths and declarations, statements, testimony, assignments, powers of attorney, applications, and documents, and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.

  
Baoxuan Xiao

Date: 06/01/2019

\_\_\_\_\_  
Cezary Raczeko

Date: \_\_\_\_\_

\_\_\_\_\_  
Rixin Liao

Date: \_\_\_\_\_

\_\_\_\_\_  
Jing Li

Date: \_\_\_\_\_

\_\_\_\_\_  
Naveen Jayachandran

Date: \_\_\_\_\_

\_\_\_\_\_  
Atul Sharma

Date: \_\_\_\_\_

\_\_\_\_\_  
L. Douglas Everhart

Date: \_\_\_\_\_

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\_\_\_\_\_  
Baoxuan Xiao

Date: \_\_\_\_\_

\_\_\_\_\_  
Cezary Raczko

Date: 1/14/2019

\_\_\_\_\_  
Rixin Liao

Date: \_\_\_\_\_

\_\_\_\_\_  
Jing Li

Date: \_\_\_\_\_

\_\_\_\_\_  
Naveen Jayachandran

Date: \_\_\_\_\_

\_\_\_\_\_  
Atul Sharma

Date: \_\_\_\_\_

\_\_\_\_\_  
L. Douglas Everhart

Date: \_\_\_\_\_

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\_\_\_\_\_  
Baoxuan Xiao

Date: \_\_\_\_\_

\_\_\_\_\_  
Cezary Raczko

Date: \_\_\_\_\_

  
\_\_\_\_\_  
Rixin Liao

Date: 10/15/2018

\_\_\_\_\_  
Jing Li

Date: \_\_\_\_\_

\_\_\_\_\_  
Naveen Jayachandran

Date: \_\_\_\_\_

\_\_\_\_\_  
Atul Sharma

Date: \_\_\_\_\_

\_\_\_\_\_  
L. Douglas Everhart

Date: \_\_\_\_\_

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\_\_\_\_\_  
Baoxuan Xiao

Date: \_\_\_\_\_

\_\_\_\_\_  
Cezary Raczeko

Date: \_\_\_\_\_

\_\_\_\_\_  
Rixin Liao

Date: \_\_\_\_\_

\_\_\_\_\_  
Jing Li

Date: 1/30/2019

\_\_\_\_\_  
Naveen Jayachandran

Date: \_\_\_\_\_

\_\_\_\_\_  
Atul Sharma

Date: \_\_\_\_\_

\_\_\_\_\_  
L. Douglas Everhart

Date: \_\_\_\_\_

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_____	Date: _____
Baoxuan Xiao	
_____	Date: _____
Cezary Raczko	
_____	Date: _____
Rixin Liao	
_____	Date: _____
Jing Li	
_____	Date: 11/13/2018
Naveen Jayachandran	
_____	Date: _____
Atul Sharma	
_____	Date: _____
L. Douglas Everhart	

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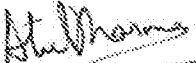
\_\_\_\_\_  
Baoxuan Xiao Date: \_\_\_\_\_

\_\_\_\_\_  
Cezary Raczko Date: \_\_\_\_\_

\_\_\_\_\_  
Rixin Liao Date: \_\_\_\_\_

\_\_\_\_\_  
Jing Li Date: \_\_\_\_\_

\_\_\_\_\_  
Naveen Jayachandran Date: \_\_\_\_\_

  
\_\_\_\_\_  
Atul Sharma Date: 03/12/2019

\_\_\_\_\_  
L. Douglas Everhart Date: \_\_\_\_\_

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We will communicate to the Assignee (or at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter, will execute and provide all oaths and declarations, statements, testimony, assignments, powers of attorney, applications, and documents, and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.

\_\_\_\_\_  
Baoxuan Xiao

Date: \_\_\_\_\_

\_\_\_\_\_  
Cezary Raczko

Date: \_\_\_\_\_

\_\_\_\_\_  
Rixin Liao

Date: \_\_\_\_\_

\_\_\_\_\_  
Jing Li


Date: \_\_\_\_\_

\_\_\_\_\_  
Naveen Jayachandran

Date: \_\_\_\_\_

\_\_\_\_\_  
Atul Sharma

Date: \_\_\_\_\_

  
L. Douglas Everhart

Date: 10/22/18

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