

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5803970

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Richard Gardner	09/19/2019
Clayton Myers	10/17/2019
Andrew Smith	10/21/2019
Timothy Lang	10/04/2019
Hao Shen	11/01/2019
<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: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16556596
<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>	+1 (202) 626-6367
<b>Email:</b>	apsi@fr.com
<b>Correspondent Name:</b>	NICHOLAS JEPSEN
<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>	30693-0258001
<b>NAME OF SUBMITTER:</b>	ARLENE F. YATES
<b>SIGNATURE:</b>	/Arlene F. Yates/
<b>DATE SIGNED:</b>	11/05/2019
<b>Total Attachments: 6</b>	

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ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, RICHARD GARDNER, CLAYTON MYERS, ANDREW SMITH, TIMOTHY LANG, and HAO SHEN, 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 invention(s) (the "Subject Matter") described in a patent application that names us as inventors, is titled "AUTOMATED IDLE ENVIRONMENT SHUTDOWN," and was filed in the United States Patent and Trademark Office on August 30, 2019, as application 16/556,596 (the "Application").

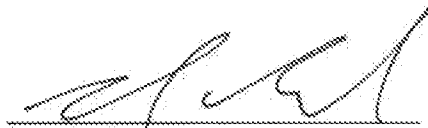
This Assignment assigns, in addition to the Subject Matter of the Application, (a) the Application and all other applications that may be made for, and all patents, utility models, design registrations, and other rights of exclusion and inventors' certificates for, any of the Subject Matter (collectively the "Applications and Granted Rights") in every country or region and under every treaty or convention, (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.

  
Richard Gardner

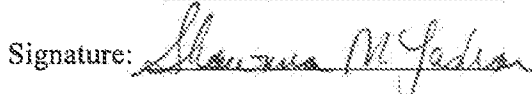
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Witnessed by:

  
Signature: \_\_\_\_\_

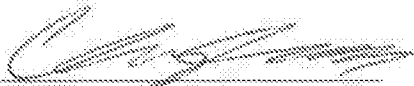
Date: 9/19/19

Print Name: J. Baker

Signature: 

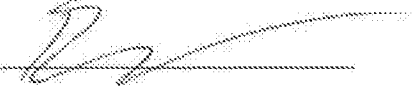
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Print Name: SHAWANNA M. YASHAR

  
Clayton Myers

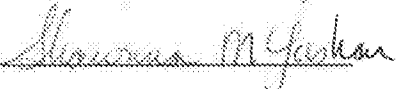
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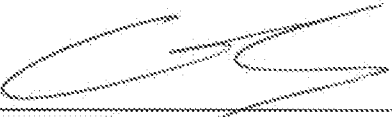
Date: 10/17/2017

Print Name: BRETT MORRIS

Signature: 

Date: 10/17/19

Print Name: SHAWNNA M YASHAR

  
Andrew Smith

Date: 10/21/2019

Witnessed by:

Signature: Nicole A. Fritz


Date: 10/21/2019

Print Name: Nicole A. Fritz

Signature: Shawna M. Yashar

Date: 10/21/2019

Print Name: SHAWNA M. YASHAR

  
\_\_\_\_\_  
Timothy Lang

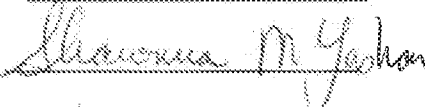
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Signature:  \_\_\_\_\_

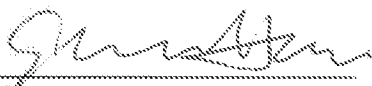
Date: 10/4/19

Print Name: JEFF BAKER

Signature:  \_\_\_\_\_

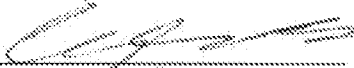
Date: 10/4/19

Print Name: SHAWNNA M. YASHAR

  
Hao Shen

Date: 11/01/2019

Witnessed by:

Signature: 

Date: 11/1/19

Print Name: Captain M. P. S.

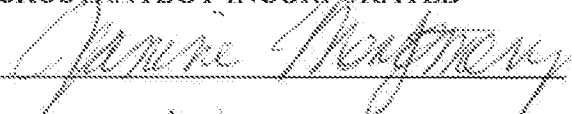
Signature: 

Date: 11/1/19

Print Name: SHAWNA M. YASHAK

The Assignee hereby acknowledges and accepts the foregoing assignment.

Assignee: MICROSTRATEGY INCORPORATED

Signature: 

Date: 10/4/19

Name: Jeanine Montgomery

Title: Business SVP, Worldwide Controller

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