

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT6116679

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Timothy Lang	03/04/2020
Herminio Carames	03/12/2020
Andrew Smith	03/04/2020
Ying Ma	03/04/2020
Jun Peng	03/04/2020
RECEIVING PARTY DATA	
Name:	MICROSTRATEGY INCORPORATED
Street Address:	1850 TOWERS CRESCENT PLAZA
City:	VIENNA
State/Country:	VIRGINIA
Postal Code:	22182
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16787596
CORRESPONDENCE DATA	
Fax Number:	(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>	
Phone:	+1 (202) 626-6367
Email:	apsi@fr.com
Correspondent Name:	NICHOLAS JEPSEN
Address Line 1:	FISH & RICHARDSON P.C.
Address Line 2:	P.O.BOX 1022
Address Line 4:	MINNEAPOLIS, MINNESOTA 55440-1022
ATTORNEY DOCKET NUMBER:	30693-0254001
NAME OF SUBMITTER:	ARLENE F. YATES
SIGNATURE:	/Arlene F. Yates/
DATE SIGNED:	05/21/2020
Total Attachments: 6	

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ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, TIMOTHY LANG, HERMINIO CARAMES, ANDREW SMITH, YING MA, and JUN PENG, each individually assigns 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 "VALIDATING SOFTWARE FUNCTIONALITY," and was filed in the United States Patent and Trademark Office on February 11, 2020, as application 16/787,596 (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

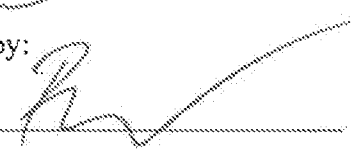
declarations, statements, testimony, assignments, powers of attorney, applications, and documents; and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.



Timothy Long

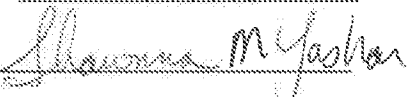
Date: 3/04/2020

Witnessed by:

Signature: 

Date: 3/04/2020

Print Name: Brett Morris

Signature: 

Date: 3/04/2020

Print Name: SHAWANNA M. YASHAR


Herminio Carames

Date: 03/12/2020

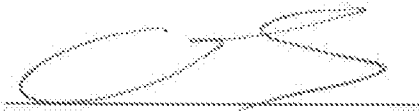
Witnessed by:

Signature: Shawanna M. Yashar Date: 3/12/2020

Print Name: SHAWNNA M. YASHAR

Signature: _____ Date: _____

Print Name: _____


Andrew Smith

Date: 3/1/2020

Witnessed by:

Signature: Shawuna M. Yashar

Date: 3/11/2020

Print Name: SHAWUNA M. YASHAR

Signature: _____

Date: _____

Print Name: _____

Ma
Ying Ma

Date: 03/04/2020

Witnessed by:

Signature: [Signature]


Date: 3/4/2020

Print Name: Robert Allen

Signature: [Signature]

Date: 3/04/2020

Print Name: SHAWNIA M YASHAR


Jun Peng

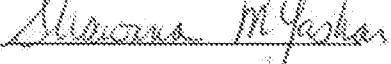
Date: 3/4/2020

Witnessed by:

Signature: 
David Kiley

Date: 3/4/2020

Print Name: David Kiley

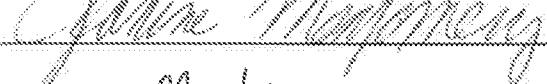
Signature: 
Shavina N. Yashak

Date: 3/4/2020

Print Name: SHAVINA N. YASHAK

The Assignee hereby acknowledges and accepts the foregoing assignment.

Assignee: MICROSTRATEGY INCORPORATED

Signature: 
Jeanine Montgomery

Date: 3/4/2020

Name: Jeanine Montgomery

Title: SVP, Worldwide Controller

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