

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4124059

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Hector Vazquez	01/08/2016
Gang Chen	01/08/2016
Sergey Mironenko	01/11/2016
Gary Gabriel	10/27/2016
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:	14209101
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>	
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ATTORNEY DOCKET NUMBER:	30693-0094001
NAME OF SUBMITTER:	EDWARD G. FAETH
SIGNATURE:	/Edward G. Faeth/
DATE SIGNED:	11/02/2016
Total Attachments: 4	
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ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, HECTOR VAZQUEZ, GANG CHEN, SERGEY MIRONENKO, and GARY GABRIEL, 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 "CREDENTIAL TECHNOLOGY", and was filed in the United States Patent and Trademark Office on March 13, 2014, as application 14/209,101 (the "Application"), and a provisional patent application that is titled "CREDENTIAL TECHNOLOGY", and was filed in the United States Patent and Trademark Office on March 15, 2013, as application 61/789,428.

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.



Hector Vazquez

Date: 1/8/2016



Gang Chen

Date: 1/8/2016



Sergey Mironenko

Date: 1/11/2016

Gary Gabriel

Date: _____

The Assignee hereby acknowledges and accepts the foregoing assignment.

Assignee: MICROSTRATEGY INCORPORATED

Signature: _____ Date: _____

Name: _____

Title: _____

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ASSIGNMENT

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Hector Vazquez

Date: _____

Gang Chen

Date: _____

Sergey Mironenko

Date: _____

_/Gary Gabriel/_____
Gary Gabriel

Date: ____10/27/2016____

The Assignee hereby acknowledges and accepts the foregoing assignment.

Assignee: MICROSTRATEGY INCORPORATED

Signature: _____ Date: _____

Name: _____

Title: _____

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