508316518 01/04/2024

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT8363711

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ROCKY GRAY	08/03/2021
JEREMY GREEN	08/03/2021
JUSTIN BACHORIK	08/03/2021
IRAKLI NADAREISHVILI	08/18/2021

RECEIVING PARTY DATA

Name:	CAPITAL ONE SERVICES, LLC
Street Address:	1680 CAPITAL ONE DRIVE
City:	MCLEAN
State/Country:	VIRGINIA
Postal Code:	22102

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17406660

CORRESPONDENCE DATA

Fax Number: (202)824-3001

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.

Phone: (202) 824-3000

Email: mclementi@bannerwitcoff.com **Correspondent Name:** BANNER & WITCOFF, LTD.

Address Line 1: 1100 13TH ST. NW

Address Line 2: STE 1200

Address Line 4: WASHINGTON, D.C. 20005

ATTORNEY DOCKET NUMBER:	009033.00297\US
NAME OF SUBMITTER:	JIHAN JOO
SIGNATURE:	/Jihan Joo/
DATE SIGNED:	01/04/2024

Total Attachments: 4

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PATENT 508316518 REEL: 066023 FRAME: 0463

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COMBINED PATENT DECLARATION AND ASSIGNMENT

TITLE OF INVENTION:	OBJECT-LEVEL ENCRYPTION
	DECLARATION
As the below named invento	or, I hereby declare that:
 This declaration is directed to: 	
	☐ United States application or PCT international application number
I believe that I am tI hereby acknowled	ed application was made or authorized to be made by me. The original inventor or an original joint inventor of a claimed invention in the application. The ge that any willful false statement made in this declaration is punishable under 18 U.S.C. The original false is a contracted by the contracted b
	ASSIGNMENT
WHEREAS , I, the below nam application number and filin	ed Inventor/Assignor, have invented the above invention, having the following g date:
U.S. Applic	cation No filed
	I hereby authorize the attorneys for Assignee to insert the filing date and application after they become known and prior to recording this document.
WHEREAS, Capital One Services, LLC ("Assignee"), a Corporation having offices and a place of business at 1680 Capital One Drive, McLean, Virginia 22102, is desirous of acquiring the entire right, title and interest in and to the aforesaid inventions and in and to all applications and Letters Patent therefor granted in the United States of America, and in any and all countries foreign thereto:	
NOW, THEREFORE, TO WHOM IT MAY CONCERN, be it known that, for good and valuable consideration, including salary and/or payment for the making of inventions, or employee benefits, the receipt and sufficiency of which is hereby acknowledged, I said Assignor, by these presents do sell, assign and transfer unto said Assignee, its successors, assigns and legal representatives, the full and exclusive right, title and interest for the territory of the United States of America and all countries foreign thereto, and throughout the world and in space, (including the right to apply for Letters Patent in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), in and to said inventions and in and to all applications and Letters Patent granted therefor, and all non-provisionals, divisionals, reissues, reexaminations, continuations, continuation-in-parts and extensions thereof, and in and to all copyrights, trademarks with their associated goodwill, trade secrets, confidential information, and compilations, necessary or useful to make, use, or sell the inventions.	
I hereby authorize and request the Commissioner of Patents, and any official whose duty it is to issue patents, to issue all Letters Patent on said inventions or resulting therefrom to said Assignee, or its successors and assigns, as assignee of the entire right, title and interest. I represent and warrant that I have full right to agree to, execute, and deliver this assignment.	
I agree that I will without further consideration, but at the expense of Assignee, communicate to said Assignee, or its successors, assigns, or nominees, any and all facts known to me regarding said inventions whenever requested, and that I will execute all non-provisional, divisional, reissue, reexamination, continuation and continuation-in-part applications, testify in any legal proceedings, sign all lawful papers, make all rightful oaths, and generally do everything reasonable for said Assignee, its successors, assigns, and nominees, to obtain and enforce proper patent protection for said inventions in all countries.	
INVENTOR/ASSIGNOR:	
	ocky Gray
	al One Services, LLC, 1680 Capital One Drive, McLean, Virginia 22102
Signature: /	Booksigned by: 8/3/2021 / Date:

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INVENTOR/ASSIGNOR:	
	ustin Bachorik
	al One Services, LLC, 1680 Capital One Drive, McLean, Virginia 22102
Signature: /	Mustila Barushi / Date:

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I believe that I am tI hereby acknowled	d application was made or authorized to be made by me. he original inventor or an original joint inventor of a claimed invention in the application. ge that any willful false statement made in this declaration is punishable under 18 U.S.C. risonment of not more than five (5) years, or both.
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INVENTOR/ASSIGNOR:	
	eremy Green
	al One Services, LLC, 1680 Capital One Drive, McLean, Virginia 22102
Signature: /	WYUMU GYUU / Date:

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INVENTOR/ASSIGNOR	<u>;</u>
Legal Name:	Irakli Nadareishvili
-	tal One Services, LLC, 1680 Capital One Drive, McLean, Virginia 22102
Signature: /	Irakli Nadarishvili / Date: 8/18/2021

PATENT REEL: 066023 FRAME: 0468

RECORDED: 01/04/2024