

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6937608

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MOHAMMAD SHAMI	06/12/2018
BOGDAN NEDANOV	06/11/2018
CONOR ANSTETT	06/11/2018
JOSHUA EDWARDS	06/08/2018
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17486179
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	05793.3584-03000
NAME OF SUBMITTER:	VIRGINIA MCNELIS-CLARK
SIGNATURE:	/Virginia McNelis-Clark/
DATE SIGNED:	09/27/2021
This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 2	
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ASSIGNMENT AND DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION**ASSIGNMENT:**

WHEREAS we, the below-named inventors, (hereinafter referred to as Assignors), of an invention entitled:

NEURAL NETWORK SYSTEMS AND METHODS FOR GENERATING DISTRIBUTED REPRESENTATIONS OF
ELECTRONIC TRANSACTION INFORMATION

filed June 23, 2017, as U.S. Application No. 15/632,158

WHEREAS, Capital One Services, LLC
a corporation of Delaware

whose post office address is 1680 Capital One Drive, McLean, VA 22102

(hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, we, as Assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention, provisional Application No. 62/353,859, filed June 23, 2016, and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority in any foreign country on the basis of the above provisional application (if any), as well as all rights to claim priority on the basis of this application in any foreign country, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and we hereby authorize and request the Director of the United States Patent and Trademark Office (USPTO) and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY covenant that we have the full right to convey the interest assigned by this Assignment, and we have not executed and will not execute any agreement in conflict with this Assignment;

AND, WE HEREBY further covenant and agree that we will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

DECLARATION:

As a named inventor below, I hereby declare that: (1) This declaration is directed to the above-identified application; (2) the above-identified application was made or authorized to be made by me; (3) my residence and mailing address are as stated below next to my name; and (4) I believe I am an original inventor or an original joint inventor of a claimed invention in the application. I hereby acknowledge that any willful false statements made in this declaration are punishable by fine or imprisonment of not more than five (5) years, or both, under section 1001 of Title 18 of the United States Code.

As a below named inventor, I have reviewed and understand the contents of the application, including the claims, and am aware of the duty to disclose to the USPTO all information known to me to be material to patentability as defined in 37C.F.R. § 1.56.

Assignor (Inventor) 1:

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Signature: Mohammad Shami
Date: 6/12/2018

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Signature: Bogdan Nedanov
Date: 6/11/2018

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Signature: C Anstett
Date: _____

Assignor (Inventor) 4:

Name: Joshua Edwards
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Signature: Joshua Edwards
Date: 6/8/2018