506001914 04/06/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6048624

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DREW FIRMENT	07/18/2016
ELANGO SAMPANDAM	07/18/2016

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:	16841141

CORRESPONDENCE DATA

Fax Number: (202)408-4400

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.

202-408-4000 Phone:

Email: regionaldesk@finnegan.com

Correspondent Name: FINNEGAN, HENDERSON, FARABOW, GARRET & DUNNER, LLP

Address Line 1: 901 NEW YORK AVENUE, N.W. Address Line 4: WASHINGTON, D.C. 20001

ATTORNEY DOCKET NUMBER:	05793.3588-05000
NAME OF SUBMITTER:	CAROLYN PERRY
SIGNATURE:	/CAROLYN PERRY/
DATE SIGNED: 04/06/2020	
This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 4

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PATENT REEL: 052323 FRAME: 0284 506001914

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:
CLOUD MIGRATION AND MAINTENANCE CONTROLS
filed herewith; and
WHEREAS, Capital One Services, LLC a corporation of
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, my/our entire right, title, and interest in and to this invention, 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 any 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 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.
AND, WE HEREBY authorize and request that the attorneys having Power of Attorney in this application, insert here in parentheses (Application No, filed) the filing date and application number of said application when known.

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 37 C.F.R. § 1.56.

IN TESTIMONY WHEREOF, We have hereunto set our hands.

1. LEGAL NAME OF FIRST INVENTOR	SIGNATURE	DATE
DREW FIRMENT	New / With	July 11, 2016
MAILING ADDRESS		RESIDENCE
12302 Shady Lake Place Richmond, VA 23233	·	VA
2. LEGAL NAME OF SECOND INVENTOR	SIGNATURE	DATE
ELANGO SAMPANDAM		
MAILING ADDRESS	1	RESIDENCE
100 Brookwood Lane Lincolnshire, IL 60609		IL.

SOLE/JOINT INVENTION (Worldwide Rights) Attorney Docket No. 05793.3588

ASSIGNMENT AND DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION

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

ASSIGNMENT:

terms of this Assignment;

CLOU	D MIGRATION AND MAINTENANCE CONTROLS
filed herewith; and	
WHEREAS, Capital One Services, a corporation of Delaware	LLC
whose post office address is1680 (Dapital One Drive, McLean, VA 22102
	is desirous of securing the entire right, title, and interest in and to this invention in I in and to the application for United States Letters Patent on this invention and his application;
acknowledged, We, as Assignors, have and set over unto the Assignee, its law invention, and this application, and all which may be granted thereon, and all basis of any provisional application (if foreign country, and all applications for country and all Letters Patent which may be a set of the s	for good and valuable consideration the receipt of which from Assignee is hereby sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, wful successors and assigns, my/our entire right, title, and interest in and to this divisions, and continuations thereof, and all Letters Patent of the United States I reissues thereof, and all rights to claim priority in any foreign country on the any), as well as all rights to claim priority on the basis of this application in any or Letters Patent which may hereafter be filed for this invention in any foreign hay be granted on this invention in any foreign country, and all extensions, We hereby authorize and request the Director of the United States Patent and

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;

Trademark Office 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

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.

AND, WE HEREBY authorize a	and request that the attorneys havi	ng Power of Attorney in this application, insert here ir
parentheses (Application No	, filed) the filing date and application number of
said application when known.		

SOLE/JOINT INVENTION (Worldwide Rights) Attorney Docket No. 05793.3588

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 37 C.F.R. § 1.56.

IN TESTIMONY WHEREOF, We have hereunto set our hands.

1. LEGAL NAME OF FIRST INVENTOR	SIGNATURE	DATE
DREW FIRMENT		
MAILING ADDRESS		RESIDENCE
12302 Shady Lake Place Richmond, VA 23233		VA
2. LEGAL NAME OF SECOND INVENTOR	SIGNATURE	DATE
ELANGO SAMPANDAM	Mango	07/18/2016
MAILING ADDRESS		RESIDENCE
100 Brookwood Lane Lincolnshire, IL 60609		IL

Page 2 of 2

RECORDED: 04/06/2020

PATENT REEL: 052323 FRAME: 0288