506387773 12/07/2020

EPAS ID: PAT6434529

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NAVEEN TEJA KODURU	12/26/2019
KISHORE DOPPALAPUDI	02/11/2020
RAMESH PARVATANENI	12/26/2019

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:	17111763

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: (312) 463-5000

Email: bwptopat@bannerwitcoff.com, hparker@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: 009033.00298

NAME OF SUBMITTER: KAMARAM MUNIRA

SIGNATURE: /Kamaram Munira/

DATE SIGNED: 12/07/2020

Total Attachments: 3

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PATENT 506387773 REEL: 054561 FRAME: 0036

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Attorney Docket No. 009033.00037 (Client Ref.: IDF4810)

COMBINED PATENT DECLARATION AND ASSIGNMENT

COIVI	DIVED I ATENT DECEARATION AND ASSIGNMENT				
TITLE OF INVENTION:	Batch Tokenization Service				
DECLARATION					
As the below named invento	or, I hereby declare that:				
 This declaration is directed to: 					
	United States application or PCT international application number				
 The above-identified application was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed invention in the application. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both. 					
	ASSIGNMENT				
WHEREAS , I, the below nam application number and filin	ned Inventor/Assignor, have invented the above invention, having the following ng date:				
U.S. Applic	cation No16/793,484, filed _ February 18, 2020				
If the above lines are blank, I hereby authorize the attorneys for Assignee to insert the filing date and application number immediately above after they become known and prior to recording this document.					
One Drive, McLean, Virginia	vices, LLC ("Assignee"), a Corporation having offices and a place of business at 1680 Capital 22102, is desirous of acquiring the entire right, title and interest in and to the aforesaid applications and Letters Patent therefor granted in the United States of America, and in thereto:				
salary and/or payment for the hereby acknowledged, I said assigns and legal represental America and all countries for Letters Patent in foreign countries which such applications are and in and to all application reexaminations, continuations.	DM IT MAY CONCERN, be it known that, for good and valuable consideration, including the making of inventions, or employee benefits, the receipt and sufficiency of which is disciplant assign, by these presents do sell, assign and transfer unto said Assignee, its successors, atives, the full and exclusive right, title and interest for the territory of the United States of preign thereto, and throughout the world and in space, (including the right to apply for untries in its own name and to claim any priority rights for such foreign applications to entitled under international conventions, treaties, or otherwise), in and to said inventions and Letters Patent granted therefor, and all non-provisionals, divisionals, reissues, ons, continuation-in-parts and extensions thereof, and in and to all copyrights, trademarks will, trade secrets, confidential information, and compilations, necessary or useful to make,				
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.					
successors, assigns, or nomi that I will execute all non-pr applications, testify in any le	rther consideration, but at the expense of Assignee, communicate to said Assignee, or its nees, any and all facts known to me regarding said inventions whenever requested, and rovisional, divisional, reissue, reexamination, continuation and continuation-in-part egal proceedings, sign all lawful papers, make all rightful oaths, and generally do aid Assignee, its successors, assigns, and nominees, to obtain and enforce proper patent as in all countries.				
INVENTOR/ASSIGNOR:					
	eja KODURU				
Address: c/o Capit	al One Services, LLC, 1680 Capital One Drive, McLean, Virginia 22102				
DocuSig	12/26/2019				
Signature: Name	n Teja Koduru Date:				

PATENT REEL: 054561 FRAME: 0037 Attorney Docket No. 009033.00037 (Client Ref.: IDF4810)

COMBINED PATENT DECLARATION AND ASSIGNMENT

TITLE OF INVENTION:	Batch Tokenization Service				
	DECLARATION				
As the below named invento	or, I hereby declare that:				
 This declaration is directed to: 					
	United States application or PCT international application number				
 The above-identified application was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed invention in the application. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both. 					
	ASSIGNMENT				
WHEREAS , I, the below nam application number and filir	ned Inventor/Assignor, have invented the above invention, having the following ng date:				
U.S. Appli	cation No. <u>16/793,484</u> , filed <u>February 18, 2020</u> .				
If the above lines are blank, I hereby authorize the attorneys for Assignee to insert the filing date and application number immediately above 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:					
salary and/or payment for thereby acknowledged, I said assigns and legal representations and all countries for Letters Patent in foreign countries and in and to all application reexaminations, continuations.	OM IT MAY CONCERN, be it known that, for good and valuable consideration, including the making of inventions, or employee benefits, the receipt and sufficiency of which is d Assignor, by these presents do sell, assign and transfer unto said Assignee, its successors, atives, the full and exclusive right, title and interest for the territory of the United States of preign thereto, and throughout the world and in space, (including the right to apply for untries in its own name and to claim any priority rights for such foreign applications to entitled under international conventions, treaties, or otherwise), in and to said inventions as and Letters Patent granted therefor, and all non-provisionals, divisionals, reissues, ons, continuation-in-parts and extensions thereof, and in and to all copyrights, trademarks will, trade secrets, confidential information, and compilations, necessary or useful to make,				
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:					
Legal Name: Kishore D	DOPPALAPUDI				
Address: c/o Capit	tal One Services, LLC, 1680 Capital One Drive, McLean, Virginia 22102				
Simulation	2/11/2020				

PATENT REEL: 054561 FRAME: 0038 Attorney Docket No. 009033.00037 (Client Ref.: IDF4810)

COMBINED PATENT DECLARATION AND ASSIGNMENT

	CONTIDI	MED I ATEN	T DECEMBER AND ASSIGNMENT		
TITLE OF INVEN	TION:		Batch Tokenization Service		
			DECLARATION		
As the below name	d inventor,	I hereby declare	that:		
 This decla is directed 		⊠ The attac	ched application, or		
		_	states application or PCT international application numberfiled on		
 The above-identified application was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed invention in the application. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both. 					
			ASSIGNMENT		
WHEREAS , I, the beautiful application numbe		_	or, have invented the above invention, having the following		
U.S	S. Applicat	tion No. <u>16/79</u>	93,484, filedFebruary 18, 2020		
			the attorneys for Assignee to insert the filing date and application 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.					
successors, assigns that I will execute a applications, testify	, or nomine all non-prov y in any lega able for said	es, any and all factisional, divisional, al proceedings, signals al proceedings, signals succ	, but at the expense of Assignee, communicate to said Assignee, or its cts known to me regarding said inventions whenever requested, and , reissue, reexamination, continuation and continuation-in-part gn all lawful papers, make all rightful oaths, and generally do cessors, assigns, and nominees, to obtain and enforce proper patent		
INVENTOR/ASSIGNOR:					
		RVATANENI			
_	/o Capital (One Services, LL	LC, 1680 Capital One Drive, McLean, Virginia 22102		
Signature: _	DocuSigne	ed by: Painsataine in i	12/26/2019 Date:		
	· Vana Cir	Valletalelei			

PATENT REEL: 054561 FRAME: 0039

RECORDED: 12/07/2020

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