504947488 06/06/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TUHIN GUPTA	05/29/2018
PRABHU RANJITH KUMAR KODURI	05/29/2018
PARAMESWARAN V VAIDYANATHAN	05/25/2018
JOJI THOMAS JOHN	06/04/2018
ASHWIN JACOB	06/04/2018
SIJU THOMAS	06/04/2018
KEVIN GLEATON	05/29/2018
AMIT SINGH	05/29/2018
VIVEK PAUL CHANDRASEKHARAN	06/04/2018
MITHUN JOSE	05/25/2018
VENKATA SUDHA ALURU	06/02/2018
MANOJ PEMMASANI	06/04/2018
JUSTIN REID	06/04/2018
MICHAEL P NEWELL	05/25/2018

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:	16000190

CORRESPONDENCE DATA

Fax Number: (571)432-0808

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.

Email:dvega@harrityllp.comCorrespondent Name:HARRITY AND HARRITY

PATENT 504947488 REEL: 046004 FRAME: 0813

Address Line 1: Address Line 4:	11350 RANDOM HILLS ROAD SUITE 600 FAIRFAX, VIRGINIA 22030	
ATTORNEY DOCKET NUMBER:		0104-0119
NAME OF SUBMITTER:		TED M. NISSLY
SIGNATURE:		/Ted M. Nissly/
DATE SIGNED:		06/06/2018
		This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 4

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> PATENT REEL: 046004 FRAME: 0814

ASSIGNMENT AND DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION

I am an inventor (referred to below as Assignor) of an invention entitled:

PROCESSING AN OPERATION WITH A PLURALITY OF PROCESSING STEPS

filed herewith. 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), desires to obtain an assignment of this invention;

THEREFORE, for good and valuable consideration, I have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over to Assignee, its successors and assigns, my 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 and reexaminations 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 become 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, reexaminations and reissues thereof; and I 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, I covenant that I have the full right to convey the interest assigned by this Assignment, and I have not executed and will not execute any agreement in conflict with this Assignment;

AND, I further covenant and agree that I will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me 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, I authorize and request that the attorneys having Power of Attorney in this application, insert here in parentheses (Application No.16/000,190, filed June 5, 2018) the filing date and application number of said application when known.

DECLARATION:

As a named inventor below, I 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 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.

Page 1 of 4

PATENT REEL: 046004 FRAME: 0815 Assignor (Inventor) 1:

Name: **Tuhin GUPTA**

Address: 5301 Elliott Dr

Hoffman Estates, IL 60192

Signature:

Date:

5/29/2018

Assignor (Inventor) 2:

Prabhu Ranjith Kumar KODURI Name:

Address: 1310 Valley Lake Dr

Schaumburg, IL 60195

US

Ranjuly Signature:

5/29/2018 Date:

Assignor (Inventor) 3:

Name: Parameswaran V VAIDYANATHAN

Address: 1300 E Algonquin Road

Schaumburg, IL 60173 US

Signature:

5/25/2018

Date:

Assignor (Inventor) 4:

Name: Joji Thomas JOHN Address:

985 Atlantic Ave Hoffman Estates, IL 60169

US

JTJ Signature:

6/4/2018

Date:

Assignor (Inventor) 5:

Name: Ashwin JACOB

Address: 209 Glasgow LN Schaumburg, IL 60194

US

Ashwin Jacob Signature:

6/4/2018

Date:

Assignor (Inventor) 6:

Siju THOMAS Name:

Address: 1039 Atlantic Avenue

Apt. # C

Hoffman Estates, IL 60169 US

STORET Signature:

6/4/2018 Date:

Assignor (Inventor) 7:

Name: Kevin GLEATON

Address: 319 N Prairie Ln

Lake Zurich, IL 60047

US

Signature:

5/29/2018 Date:

Assignor (Inventor) 8:

Name: Amit SINGH Address:

1425 S Wolf Road

Apt#335

Prospect Heights, IL 60070 US

Signature:

5/29/2018

Date:

Assignor (Inventor) 9:

Name: Vivek Paul CHANDRASEKHARAN

Address: 1716 Norwood Avenue,

#106

Itasca, IL 60143 US

Signature:

6/4/2018 Date:

Assignor (Inventor) 10:

Name: Mithun JOSE Address:

1700 Norwood Ave Itasca, IL 60143

US

Signature:

5/25/2018 Date:

Assignor (Inventor) 11:

Name: Venkata Sudha ALURU
Address: 2474 Waterbury Ln

2474 Waterbury Ln Buffalo Grove, IL 60089

US

Signature: Venter Inthe

6/2/2018

Date:

Assignor (Inventor) 12:

Name: Manoj PEMMASANI

Address: 1141 W Meadow Creek Ct

Vernon Hills, IL 60061

US

Signature:

Date: 6/4/2018

Assignor (Inventor) 13:

Name: Justin REID

Address: 0S687 Robbins St

Winfield IL 60190 US

Signature: Justin Reid

6/4/2018 Date:

Assignor (Inventor) 14:

RECORDED: 06/06/2018

Name: Michael P. NEWELL

Address: 773 Pioneer Ct

West Chicago, IL 60185

m. bol on 1/1

Signature: The Signature:

5/25/2018 Date: