PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5880609

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
BHAVANI R. RAO	12/03/2019
MARK W. ZEHR	12/19/2019

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:	16723926

CORRESPONDENCE DATA

Fax Number: (312)463-5001

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, mmccarthy@bannerwitcoff.com

Correspondent Name: BANNER & WITCOFF, LTD. Address Line 1: 71 SOUTH WACKER DRIVE

Address Line 2: **SUITE 3600**

Address Line 4: CHICAGO, ILLINOIS 60606

ATTORNEY DOCKET NUMBER:	009033.00083	
NAME OF SUBMITTER:	MICHELLE MCCARTHY	
SIGNATURE:	/Michelle McCarthy/	
DATE SIGNED:	12/20/2019	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 2

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> **PATENT REEL: 051350 FRAME: 0262** 505833675

Attorney Docket No. 009033.00083 (Client Ref.: P5220-US)

COMBINED PATENT DECLARATION AND ASSIGNMENT

TITLE OF INVENTION:	Cross-Channel Configurable Navigation			
***************************************	DECLARATION			
As the below named invento	or, I hereby declare that:			
 This declaration is directed to: 	☐ The attached application, or			
	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. 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:				
Legal Name: <u>Bhavani R. Rao</u> Address: <u>c/o Capital One Services, LLC, 1680 Capital One Drive, McLean, Virginia 22102</u>				
Signature:	hosoni R			

PATENT REEL: 051350 FRAME: 0263 Attorney Docket No. 009033 00083 (Client Ref.: P5220-US)

COM	BINED PATENT D	ECLARATION AND ASSIGNMENT
TITLE OF INVENTION:	٥	ross-Channel Configurable Navigation
***************************************	0	ECLABATION
As the below named invent	or, Thereby declare that:	
 This declaration is directed to: 		apastasion, or
		Expelication of PCT international application Siled on
I believe that I am Thereby acknowled	ed application was made the original inventor or a lige that any willful false	or authorized to be made by me in original joint inventor of a claimed Invention in the application, statement made in this declaration is punishable under 18 U.S.C. than five (S) years, or both.
		ssignment
WHEREAS, I, the below non- application number and fills		ave invented the above invention, having the following
U.S. Applic	ation No.	filed
If the above lines are blank,	Thereby authorize the a	ttorneys for Assignee to insert the filing date and application on and orier to recording this document.
One Onive, McLean, Virginia	22102, is destrous of act applications and Letters	Corporation having offices and a place of business of 1640 Capital quiring the entire right, title and interest in and to the aforesaid Patent therefor granted in the United States of America, and in
selary and/or payment for it hereby acknowledged, I said assigns and logal represents America and all countries to which such applications are and in and to all application reexaminations, continuation	he making of inventions, I Assignor, by these pres- ntives, the full and exclus- preign thereto, and throu- munes in its own name a entitled under interpation is and Letters Patent gran ans, continuation-in-parts	e it known that, for good and valuable consideration, including, or employee benefits, the receipt and sufficiency of which is ents do self, assign and transfer unto said Assignee, its successors, ivenight, title and interest for the territory of the United States of ighour the world and in space, (including the right to apply for and to down any priority rights for such foreign applications to coal conventions, treaties, or otherwise), in and to said inventions need therefor, and all non-provisionals, divisionals, resisues, a said extensions thereof, and in any drop of the coarrights, trademarks, and extensions thereof, and in any to add to all coayrights, trademarks, ential information, and compilations, necessary or useful to make
issue as Letters Patent on s-	sid inventions or resultin	Patents, and any official whose duty it is to issue patents, to g therefrom to said Assignee, or its successors and assigns, as sent and warrant that I have full right to agree to, macute, and
successors, assigns, or homithat I will execute all non-prapplications, testify in any h	inees, any and all facts or rovisional, divisional, reis agal proceedings, sign all ald Assignee, its successo	at the expense of Assignee, communicate to said Assignee, or its nown to me regarding said inventions witesnever requested, and sue, reexamination, continuation and continuation in part lawful papers, make all rightful paths, and generally do ass, assigns, and nominees. To obtain and enforce proper patent
INVENTOR/ASSIGNOR:	******************************	
Legal Name: Mark W.	Zehr	680 Capital One Drive, McLean, Virginia 22102
Signature:	Better Transcript	Date 12-19-2019

PATENT REEL: 051350 FRAME: 0264

RECORDED: 12/20/2019