#### 10/04/2016 504034512

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4081174

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
JINGTAO WU	08/03/2016
R.M. KEELAN DOWNTON	08/03/2016
CHI TAK KWOK	09/01/2016
MATTHEW BRYAN	08/05/2016
COLIN HART	08/03/2016
MARK MENDEZ	08/03/2016

#### **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:	29532811

## **CORRESPONDENCE DATA**

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**Correspondent Name:** FINNEGAN/CAPITAL ONE Address Line 1: 901 NEW YORK AVE., NW Address Line 4: WASHINGTON, D.C. 20001

ATTORNEY DOCKET NUMBER:	05793.3459
NAME OF SUBMITTER:	KAI RAJAN
SIGNATURE:	/Kai Rajan/
DATE SIGNED:	10/04/2016

**Total Attachments: 10** 

**PATENT** REEL: 039930 FRAME: 0344

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PATENT REEL: 039930 FRAME: 0345

SOLE/JOINT INVENTION (U.S. Rights Only) Attorney Docket No. 05793.3459-00000

# ASSIGNMENT AND DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION

## **ASSIGNMENT:**

WHEREAS I/We, the below named inventor(s), (hereinafter referred to as Assignor(s)), of a claimed invention in an application for United States Letters Patent entitled:

<b>APP</b>		
DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE		
iled herewith or on <u>July 10, 2015</u> as United States Application No. <u>29/532,811</u> (Confirmation No. <u>8631</u> ) attached hereto and/or PCT International Application No; and WHEREAS, <u>Capital One Services, LLC</u>		
vhose post office address is1680 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, 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, I/WE, as Assignor(s), 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 I/WE hereby authorize and request the Director of the United States Patent and Trademark Office to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;		
AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors and 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, 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/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 OF INVENTOR(S)		
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 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.

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

Page 1 of 2

States Code.

SOLE/JOINT INVENTION (U.S. Rights Only) Attorney Docket No. 05793.3459-00000

## Authorization To Permit Access To Application by Participating Offices:

If checked, the undersigned hereby grants the USPTO authority to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the World Intellectual Property Office (WIPO), and any other intellectual property offices in which a foreign application claiming priority to the above-identified patent application is filed access to the above-identified patent application. See 37 CFR 1.14(c) and (h). This box should not be checked if the Applicant does not wish the EPO, JPO, KIPO, WIPO, or other intellectual property office in which a foreign application claiming priority to the above-identified application is filed to have access to the above identified patent application.

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in accordance with 37 CFR 1.14(c), access may be provided to information concerning the date of filing the Authorization to Permit Access to Application by Participating Offices.

1. LEGAL NAME OF SOLE OR FIRST INVENTOR	SIGNATURE	CATE
Jingtao Wu	Jingten Wu	8/3/2=16
MAILING ADDRESS 11824 Park Forrest Court Glen Allen, VA 23059		RESIDENCE Glen Allen, VA
LEGAL NAME OF SECOND INVENTOR, IF ANY Keelan R. Downton	SIGNATURE	DATE
MAILING ADDRESS 5572 Lee Highway Arlington, VA 22207		RESIDENCE Arlington, VA
3. LEGAL NAME OF SECOND INVENTOR, IF ANY Chi Tak Kwok	SIGNATURE	DATE
MAILING ADDRESS 35 Pinebrook Road New Rochelle, NY 10801		RESIDENCE New Rochelle, NY
LEGAL NAME OF SECOND INVENTOR, IF ANY     Matthew Bryan	SIGNATURE	DATE
MAILING ADDRESS 1133 4th Street NE Washington, DC 20002		RESIDENCE Washington, DC
5. LEGAL NAME OF SECOND INVENTOR, IF ANY Colin Hart	SIGNATURE	DATE
MAILING AODRESS 2250 Clarendon Boulevard, Apt. 414 Arlington, VA 22201		RESIDENCE Arlington, VA
6. LEGAL NAME OF SECOND INVENTOR, IF ANY Mark Mendez	SIGNATURE	DATE
MAILING ADDRESS 5410 Dorchester Road Richmond, VA 23225		RESIDENCE Richmond, VA

## **ASSIGNMENT AND DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION**

#### **ASSIGNMENT:**

WHEREAS I/We, the below named inventor(s), (hereinafter referred to as Assignor(s)), of a claimed invention in an application for United States Letters Patent entitled:

DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE
filed herewith or on July 10, 2015 as United States Application No. 29/532,811 (Confirmation No. <u>8631</u> ) attached hereto and/or PCT International Application No; and
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, 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, I/WE, as Assignor(s), 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 I/WE hereby authorize and request the Director of the United States Patent and Trademark Office to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;
AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors and 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, 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/WE HEREBY authorize and request that the attorneys having Power of Attorney in this application, insert here in parentheses (Application No
MEAL ADATION OF MILITARIO

## DECLARATION OF INVENTOR(S)

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.

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Page 1 of 2

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LEGAL NAME OF SOLE OR FIRST INVENTOR     Jingtao Wu	SIGNATURE	DATE
MAILING ADDRESS 11824 Park Forrest Court Glen Allen, VA 23059		RESIDENCE Glen Allen, VA
KD 2. LEGAL NAME OF SECOND INVENTOR, IF ANY Koclan R. Downton R. M. Keelan Downton	SIGNATURE RALL FORT	DATE 2016-08-03
MAILING ADDRESS 5572 Lee Highway Arlington, VA 22207		RESIDENCE Arlington, VA
LEGAL NAME OF SECOND INVENTOR, IF ANY     Chi Tak Kwok	SIGNATURE	DATE
MAILING ADDRESS 35 Pinebrook Road New Rochelle, NY 10801		RESIDENCE New Rochelle, NY
LEGAL NAME OF SECOND INVENTOR, IF ANY     Matthew Bryan	SIGNATURE	DATE
MAILING ADDRESS 1133 4th Street NE Washington, DC 20002		RESIDENCE Washington, DC
5. LEGAL NAME OF SECOND INVENTOR, IF ANY Colin Hart	SIGNATURE	DATE 2016-08-03
MAILING ADDRESS <del>2258 Clarendon Boulevard, Apt. 414</del> 2201 N Pe Arlington, VA 22201	rshing Dr, Apt 315 8/3/2016 CH	RESIDENCE Arlington, VA
LEGAL NAME OF SECOND INVENTOR, IF ANY     Mark Mendez	SIGNATURE	DATE
MAILING ADDRESS 5410 Dorchester Road Richmond, VA 23225		RESIDENCE Richmond, VA

## ASSIGNMENT AND DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION

## ASSIGNMENT:

WHEREAS I/We, the below named inventor(s), (hereinafter referred to as Assignor(s)), of a claimed invention in an application for United States Letters Patent entitled:

DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE		
filed herewith or on <u>July 10, 2015</u> as United States Application No. <u>29/532,811</u> (Confirmation No. <u>8831</u> ) attached hereto and/or PCT International Application No; and		
WHEREAS, Capital One Services, LLC		
a corporation of Delaware		
whose post office address is1680 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, 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, I/WE, as Assignor(s), 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 I/WE hereby authorize and request the Director of the United States Patent and Trademark Office to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;		
AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors and 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, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.		
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LEGAL NAME OF SOLE OR FIRST INVENTOR SIGNATURE Jingtao Wu	DATE
MAILING ADDRESS 11824 Park Forrest Court Glen Allen, VA 23059	RESIDENCE Glen Allen, VA
LEGAL NAME OF SECOND INVENTOR, IF ANY SIGNATURE     Keelan R. Downton	DATE
MAILING ADDRESS 5572 Lee Highway Arlington, VA 22207	RESIDENCE Arlington, VA
LEGAL NAME OF SECOND INVENTOR, IF ANY SIGNATURE     Chi Tak Kwok	DATE
MAILING ADDRESS  35 Pinebrook Road  New Rochelle, NY 10801	RESIDENCE New Rochelle, NY
4. LEGAL NAME OF SECOND INVENTOR, IF ANY SIGNATURE Matthew Bryan	DATE 8/5/16
MAILING ADDRESS 1133 4th Street NE Washington, DC 20002	RESIDENCE Washington, DC
5. LEGAL NAME OF SECOND INVENTOR, IF ANY SIGNATURE Colin Hart	DATE
MAILING ADDRESS 2250 Clarendon Boulevard, Apt. 414 Arlington, VA 22201	RESIDENCE Arlington, VA
6. LEGAL NAME OF SECOND INVENTOR, IF ANY SIGNATURE  Mark Mendez	DATE
MAILING ADDRESS 5410 Dorchester Road Richmond, VA 23225	RESIDENCE Richmond, VA

SOLE/JOINT INVENTION (U.S. Rights Only) Attorney Docket No. 05793.3459-00000

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#### ASSIGNMENT:

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hereto and/or PCT International Application No; and		
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a corporation of Delaware		
whose post office address is 1680 Capital One Drive, McLean, VA 22102		
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PATENT REEL: 039930 FRAME: 0352

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LEGAL NAME OF SECOND INVENTOR, IF ANY Keelan R. Downton	SIGNATURE	DATE
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3. LEGAL NAME OF SECOND INVENTOR, IF ANY Chi Tak Kwok	SIGNATURE	DATE
MAILING ADDRESS 35 Pinebrook Road New Rochelle, NY 10801		RESIDENCE New Rochelle, NY
LEGAL NAME OF SECOND INVENTOR, IF ANY     Matthew Bryan	SIGNATURE	DATE
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MAILING ADDRESS 2250 Clarendon Boulevard, Apt. 414 Arlington, VA 22201		RESIDENCE Arlington, VA
6. LEGAL NAME OF SECOND INVENTOR, IF ANY Mark Mendez	SIGNATURE // // // // // // // // // // // // //	08/03/2016
MAILING ADDRESS 5410 Dorchester Road Richmond, VA 23225		RESIDENCE Richmond, VA

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filed herewith or onjuly 10, 2015_ as United States Application No29/532,811_(Confirmation No <u>8631</u> ) attached hereto and/or PCT International Application No; and			
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, 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, I/WE, as Assignor(s), 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 I/WE hereby authorize and request the Director of the United States Patent and Trademark Office to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;			
AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors and 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, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.			
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1, LEGAL MANNE OF SOLE OR FIRST INVENTOR Jington Wu	SIGNATURE	DATE
MAILBIG ADDRESS 11824 Park Forest Coxat Olen Allen, VA 20050		RESIDENCE Glen Allen, VA
2. LEGAL MANE OF SECONO INVENTOR, IF ANY Kanton R. Common	SI,WATURE	DATE
MAILING ADDRESS SS72 Lee Highway Arlington, VA 22307		RESIDENCE Artington, VA
3. LEGAL NAME OF SECOND INVENTOR, IF ANY Chi Tak Karok	SKINATURES /C	04/01/2316
MAILING ACCRESS 35 Plantecok Road New Rochelle, NY 1080 I		RESIDENCE New Rochelle, NY
4. LEGAL HAME OF SECOND INVENTOR, IF ANY Maithew Brysin	SKANATURE	CATE
MARLING ACCRESS 1133 4° Street NE Washington, DC 20002		RESIDENCE Washington, DC
5. LEGAL NAME OF SECOND INVENTOR, IF ANY Coan Hairt	SKOVATURE	DATE
MARLING ACCRESS 2250 Oseradon Boulevard, Apt. 414 Adington, VA 22201		RESIDENCE Arlangaton, VA
6. LEGAL NAME OF SECOND INVENTOR, IF ANY Mark Mandaz	SICNATURE	CATE
MAILING ADDRESS 5410 Condessor Road Globmond, VA 23225		RESIDENCE Richmond, VA

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