# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3420605

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
TIMOTHY JAMES MARK	06/29/2015
BENJAMIN PORTER	06/30/2015
GRAHAM WYLLIE	06/29/2015
GREGORY GUNN	06/29/2015

## **RECEIVING PARTY DATA**

Name:	BANK OF AMERICA CORPORATION
Street Address:	MAIL CODE NC 1-027-20-05
Internal Address:	214 N. TRYON ST.
City:	CHARLOTTE
State/Country:	NORTH CAROLINA
Postal Code:	28255

# **PROPERTY NUMBERS Total: 1**

Property Type	Number		
Application Number:	14755901		

### **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, jbrady@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:	007131.01625			
NAME OF SUBMITTER:	JEFFREY H. CHANG			
SIGNATURE:	/Jeffrey H. Chang/			
<b>DATE SIGNED:</b> 06/30/2015				
This document serves as an Oath/Declaration (37 CFR 1.63).				

PATENT 503373983 REEL: 035958 FRAME: 0351

# **Total Attachments: 8**

source=Combined Assignment and Declaration as Recorded#page1.tif source=Combined Assignment and Declaration as Recorded#page2.tif source=Combined Assignment and Declaration as Recorded#page3.tif source=Combined Assignment and Declaration as Recorded#page4.tif source=Combined Assignment and Declaration as Recorded#page5.tif source=Combined Assignment and Declaration as Recorded#page6.tif source=Combined Assignment and Declaration as Recorded#page7.tif source=Combined Assignment and Declaration as Recorded#page8.tif

PATENT REEL: 035958 FRAME: 0352

Firm No.: 007131.01625

PMN: 6623US1

# COMBINED DECLARATION (37 CFR 1.63) AND ASSIGNMENT FOR UTILITY OR DESIGN **APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)**

Title of Invention	CUSTOMER EXPECTATION TOKENS				
As the below	As the below named inventor, I hereby declare that:				
This declaration is directed to:	The attached application, or				
	United States application or PCT international application number filed on				
The above-ide	entified 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.				
	owledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or tof not more than five (5) years, or both.				
	ASSIGNMENT				
State/Provinc date herewith authorize the	WHEREAS, I, <u>Timothy Mark</u> ("Assignor"), a citizen of the <u>United States</u> (Country), residing in <u>Berkeley, California</u> (City, State/Province) have invented the above invention. If the following lines are blank, the above application was filed on even date herewith, otherwise, to comply with 37 C.F.R. §3.21 for recordal of this assignment, I, an assignor below, hereby authorize the attorneys for Bank of America to insert the filing date and application number below after they become known and prior to filing the recordation.				
	U.S. Application No, filed				
WHEREAS, BANK OF AMERICA CORPORATION ("Assignee"), a Corporation duly organized under the laws of the State of Delaware, and having its offices and place of business at Charlotte, North Carolina, 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:					
payment for t said Assignor, representative countries for a countries in it entitled unde Letters Patent in-parts and a confidential in request the Countries or interest. I rep without furth nominees, an provisional, d proceedings,	FORE, TO WHOM IT MAY CONCERN, be it known that, for good and valuable consideration, including salary or the making of inventions, or employee benefits, the receipt and sufficiency of which is hereby acknowledged, I by these presents do sell, assign and transfer unto said Assignee, its successors, assigns and legal es, the full and exclusive right, title and interest for the territory of the United States of America and all eigh thereto, and throughout the world and in space, (including the right to apply for Letters Patent in foreign is own name and to claim any priority rights for such foreign applications to which such applications are rinternational conventions, treaties, or otherwise), in and to said inventions and in and to all applications and to granted therefor, and all non-provisionals, divisionals, reissues, reexaminations, continuations, extensions thereof, and in and to all copyrights, trademarks with their associated goodwill, trade secrets, information, and compilations, necessary or useful to make, use, or sell the inventions. I hereby authorize and commissioner of Patents, and any official whose duty it is to issue patents, to issue all Letters Patent on said resulting therefrom to said Assignee, or its successors and assigns, as assignee of the entire right, title and resent and warrant that I have full right to agree to, execute, and deliver this assignment. I agree that I will er consideration, but at the expense of Assignee, communicate to said Assignee, or its successors, assigns, or y and all facts known to me regarding said inventions whenever requested, and that I will execute all non-ivisional, reissue, reexamination, continuation and continuation-in-part applications, testify in any legal sign all lawful papers, make all rightful oaths, and generally do everything reasonable for said Assignee, its				

Firm No.: 007131.01625 PMN: 6623US1

#### **WARNING:**

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.

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LEGAL NAME OF INVENTOR		
Inventor: Timothy Mark	Date: <u>6/29/2015</u>	
Signature:		

Firm No.: 007131,01625 PMN: 6623US1

# COMBINED DECLARATION (37 CFR 1.63) AND ASSIGNMENT FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

***************************************					
Title of Invention	CUSTOMER EXPECTATION TOKENS				
As the below	As the below named inventor, I hereby declare that:				
This declarati	I DE ATTACNED ADDUCATION OF				
<i>(1))</i>	United States application or PCT international application number				
The above-ide	entified 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 acknown imprisonment	owledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or of not more than five (5) years, or both.				
	ASSIGNMENT				
date herewith authorize the	WHEREAS, I, <u>Graham Wyllie</u> ("Assignor"), a citizen of the <u>United States</u> (Country), residing in <u>Charlotte</u> , <u>North Carolina</u> (City, State/Province) have invented the above invention. If the following lines are blank, the above application was filed on even date herewith, otherwise, to comply with 37 C.F.R. §3.21 for recordal of this assignment, I, an assignor below, hereby authorize the attorneys for Bank of America to insert the filing date and application number below after they become known and prior to filing the recordation.				
	U.S. Application No, filed				
title and inter	WHEREAS, BANK OF AMERICA CORPORATION ("Assignee"), a Corporation duly organized under the laws of the State of Delaware, and having its offices and place of business at Charlotte, North Carolina, 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 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					

[Page 1 of 2]

Firm No.: 007131.01625 PMN: 6623US1

#### WARNING:

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purposes are not retained in the application file and therefo LEGAL NAME OF INVENTOR	re are not publicly available.
Inventor: Graham Wyllie	Date: 4/29/2015
Signature:	

Firm No. 007131-01625 PMN-6623US1

# COMBINED DECLARATION (37 CFR 1.63) AND ASSIGNMENT FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention	CUSTOMER EXP	PECTATION TOKENS
As the below name	d inventor, I hereby declare that:	
This declaration is directed to:	The attached application, or	
	United States application or PCT internat filed on	ational application number
The above-identifie	ed application was made or authorized to be ma	iade by me.
I believe that I am t	he original inventor or an original joint inventor	or of a claimed invention in the application.
	ige that any willful false statement made in this of more than five (5) years, or both.	is declaration is punishable under 18 U.S.C. 1001 by fine or
	ASSIGNME	IENT
(City, State/Provinceven date herewith authorize the attori	<ul> <li>ie) have invented the above invention. If the foliation of the foliation of the foliation is a second of the foliation of the foliation in the foliation is a second of the foliation of the foliation in the foliation is a second of the foliation of the foliation in the foliation is a second of the foliation of the foliation in the foliation is a second of the foliation of the foliation in the foliation is a second of the foliation of the foliation in the foliation is a second of the foliation of the foliation in the foliation is a second of the foliation of the foliation in the foliation is a second of the foliation of the foliation in the foliation of the foliation of</li></ul>	States (Country), residing in <u>Huntersville, North Carolina</u> ollowing lines are blank, the above application was filed on recordal of this assignment, i, an assignor below, hereby te and application number below after they become
	U.S. Application No.	, filed
Delaware, and havi title and interest in	ng its offices and place of business at Charlotte,	poration duly organized under the laws of the State of e, North Carolina, is desirous of acquiring the entire right, all applications and Letters Patent therefor granted in the reto:
payment for the ma- said Assignor, by the representatives, the countries foreign the countries in its own entitled under inter- tetters Patent grant in-parts and extensi- confidential informa- request the Commis inventions or result- interest. I represent without further com- nominees, any and a provisional, division- proceedings, sign all	iking of inventions, or employee benefits, the re- ese presents do seil, assign and transfer unto sa- e full and exclusive right, title and interest for the ereto, and throughout the world and in space, ( name and to claim any priority rights for such finational conventions, treaties, or otherwise), in- ted therefor, and all non-provisionals, divisionals ons thereof, and in and to all copyrights, traden- ation, and compilations, necessary or useful to re- sisioner of Patents, and any official whose duty in ing therefrom to said Assignee, or its successors and warrant that I have full right to agree to e- sideration, but at the expense of Assignee, com- all facts known to me regarding said inventions all, reissue, reexamination, continuation and con- lawful papers, make all rightful oaths, and gen-	t, for good and valuable consideration, including salary or receipt and sufficiency of which is hereby acknowledged, I said Assignee, its successors, assigns and legal the territory of the United States of America and all foreign applications to which such applications are in and to said inventions and in and to all applications and als, reissues, reexaminations, continuations, continuations, reissues, reexaminations, continuations, continuations, and their associated goodwill, trade secrets, make, use, or sell the inventions. I hereby authorize and it is to issue patents, to issue all Letters Patent on said is and assigns, as assignee of the entire right, title and execute, and deliver this assignment. I agree that I will immunicate to said Assignee, or its successors, assigns, or swhenever requested, and that I will execute all non-ontinuation-in-part applications, testify in any legal inerally do everything reasonable for said Assignee, its

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LEGAL NAME OF INVENTOR				
Inventor: <u>Benjamin Porter</u>	Date:	 34/	24/5	 
Signature:		 		 

Firm No.: 007131,01625

PMN: 6623US1

# COMBINED DECLARATION (37 CFR 1.63) AND ASSIGNMENT FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

	0000	***************************************
Title of	artivitis deserta	
Invention CUSTOMER EXPECTATION TOK	ENS	
As the below named inventor, I hereby declare that:		***************************************
This declaration The attached application or		
this declaration The attached application, or is directed to:		
19 an etter (0:		
United States application or PCT international application number		
filed 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.	
1 to protect the second processor of the party of the par		
I hereby acknowledge that any willful false statement made in this declaration is punishable	under 18 U.S.C. 1	1001 by fine or
imprisonment of not more than five (5) years, or both.		
ASSIGNMENT	***************************************	
WHEREAS, I, Gregory Gunn ("Assignor"), a citizen of the United States (Country), residing in Country		
LES Application No.		
U.S. Application No, filed		
WHEREAS, BANK OF AMERICA CORPORATION ("Assignee"), a Corporation duly organized und Delaware, and having its offices and place of business at Charlotte, North Carolina, is desiroutitle and interest in and to the aforesaid inventions and in and to all applications and Letters United States of America, and in any and all countries foreign thereto:	s of acquiring the	their critica
NOW, THEREFORE, TO WHOM IT MAY CONCERN, be it known that, for good and valuable cor		
payment for the making of inventions, or employee benefits, the receipt and sufficiency of wis said Assignor, by these presents do sell, assign and transfer unto said Assignee, its successors representatives, the full and exclusive right, title and interest for the territory of the United Stountries foreign thereto, and throughout the world and in space, (including the right to applications to white entitled under international conventions, treaties, or otherwise), in and to said inventions and Letters Patent granted therefor, and all non-provisionals, divisionals, reissues, reexaminations in-parts and extensions thereof, and in and to all copyrights, trademarks with their associated confidential information, and compilations, necessary or useful to make, use, or sell the inventequest the Commissioner of Patents, and any official whose duty it is to issue patents, to issue inventions or resulting therefrom to said Assignee, or its successors and assigns, as assignee of interest. I represent and warrant that I have full right to agree to, execute, and deliver this assignees, and any and all facts known to me regarding said inventions whenever requested, and	hich is hereby ack, assigns and legal tates of America of the entire right, and its successors of that I will execute that I will execute of that I will execute of that I will execute of that I will execute the I will e	knowledged, I al and all ent in foreign ons are olications and continuation- secrets, uthorize and ent on said , title and that I will t, assigns, or
provisional, divisional, reissue, reexamination, continuation and continuation-in-part application	ons testify in any	v legal
proceedings, sign an lawful papers, make all rightful daths, and generally do everything reason	table for said Acc	ionan ite
successors, assigns, and nominees, to obtain and enforce proper patent protection for said in	rentions in all cou	intries.

[Page 1 of 2]

Firm No.: 007131.01625 PMN: 6623US1

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Date: 6/29/2015

LEGAL NAME OF INVENTOR

Inventor: Gregory Gunn

Signature: \_\_/

[Page 2 of 2]

PATENT REEL: 035958 FRAME: 0360