PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4828096

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
	Corrective Assignment to correct the EXECUTION DATE OF THEODORE HARRIS AND SCOTT EDINGTON previously recorded on Reel 044726 Frame 0755. Assignor(s) hereby confirms the ASSIGNMENT.

CONVEYING PARTY DATA

Name	Execution Date
THEODORE HARRIS	06/24/2015
SCOTT EDINGTON	08/31/2015
PATRICK FAITH	05/29/2014

RECEIVING PARTY DATA

Name:	VISA INTERNATIONAL SERVICE ASSOCIATION
Street Address:	P.O. BOX 8999
City:	SAN FRANCISCO
State/Country:	CALIFORNIA
Postal Code:	94128

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15862323

CORRESPONDENCE DATA

Fax Number: (312)464-3111

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: 312-464-3100

Email:CHPatent@loeb.comCorrespondent Name:LOEB & LOEB LLPAddress Line 1:321 N. CLARK STREET

Address Line 2: SUITE 2300

Address Line 4: CHICAGO, ILLINOIS 60654

ATTORNEY DOCKET NUMBER:	889US03/090426-30959
NAME OF SUBMITTER:	ANDREW R. SMITH
SIGNATURE:	/Andrew R. Smith, Reg. No. 62,162/
DATE SIGNED:	02/16/2018

Total Attachments: 5

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> PATENT REEL: 045348 FRAME: 0436



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Confirmation Receipt

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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
THEODORE HARRIS	05/29/2014
SCOTT EDINGTON	05/29/2014
PATRICK FAITH	05/29/2014

RECEIVING PARTY DATA

Name:	VISA INTERNATIONAL SERVICE ASSOCIATION
Street Address:	P.O. BOX 8999
City:	SAN FRANCISCO
State/Country:	CALIFORNIA
Postal Code:	94128

PROPERTY NUMBERS Total: 1

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 CHPatent@loeb.com

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provided; if that is unsuccessful, it will be sent via US Mail.

Correspondent Name:

LOEB & LOEB LLP

Address Line 1:

321 N. CLARK STREET

Address Line 2: SUITE 2300

Address Line 4: CHICAGO, ILLINOIS 60654

ATTORNEY DOCKET
NUMBER:889US03/090426-30959NAME OF SUBMITTER:ANDREW R. SMITHSignature:/Andrew R. Smith, Reg. No. 62,162/Date:01/25/2018

Total Attachments: 3

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RECEIPT INFORMATION

EPAS ID: PAT4793041 **Receipt Date:** 01/25/2018

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ASSIGNMENT

WHEREAS, WE, THEODORE HARRIS, citizen of US, laving a mailing address of 574 Congo Street, San Francisco, CA, 94131, US residing at San Francisco, CA, US and SCOTT EDINGTON, citizen of US, having a mailing address of 4500 South Four Mile Run Drive, #115. Arlington, VA, 22204, US residing at Arlington, VA, US and PATRICK FAITH, citizen of US, having a mailing address of 2810 Iones Cate Court, Pleasanton, CA, 94566, US residing at Pleasanton, CA, US, ASSIGNORS, are the inventors of the invention in GESTURE RECOGNITION CLOUD COMMAND PLATFORM, SYSTEM, METHOD, AND APPARATUS for which we have filed a provisional application for a Patent of the United States

M	which is identified by Jones Day docket no. 889US01 (012780-0229-888)		
3	which was filed on 16 May 2014, Application No. 61/994,793		
	We hereby authorize and request attorney(s) at Iones Day, to insert here in parentheses (Application number		
CAL	WHEREAS, VISA INTERNATIONAL SERVICE ASSOCIATION, a corporation organized and existing under the laws of the state of LIFORNIA, and having an office for the transaction of business at P.O. Box 8999, MI-11F, San Francisco, CA 94128-8999, ASSIGNEE, is rous of obtaining our entire right, title and interest in, to and under the said invention and the said application:		
prove there industries the lines certification in the lines certification i	NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, is sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNOES, its essors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States distinual application and all applications claiming priority thereto under 35 U.S.C. § 119(e) and all divisions, renewals and continuations and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for said property protection, including, without limitation, all applications for patents, utility models, and designs which may be filed for said into in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the ethe priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is a smay be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' ficates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, wals and reissues thereof, and all right to sue for infringement including pest infringement;		
Unit the s	AND WE HEREBY authorize and request the Commissioner for Patents and any Official of any country or countries foreign to the ed States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue to the said ASSIONEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.		
oxec	AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not inted, and will not execute, any agreement in conflict herewith.		
conu	AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, inning, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its essors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.		
	IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.		
Dai	te 5/2 9 .2014 THEODORE HARRIS L.S.		
Dat	scott edington 1.s.		
Dat	6 5 29 ,2014 ATRICK FAITH LS.		

PATENT

REEL: 045348 FRAME: 0439

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

Title of Invention	Gesture Recognition Cloud Command Platform, System, Method, and Apparatus	
Docket Number	889US02	
As the below named in	ventor, I hereby declare that:	
This declaration	The attached application, or	
is directed to:	United States application or PCT international application number 14/715,105 filed on 18-May-2015	
The above-identified ap	pplication 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 more than five (5) years, or both.	
WHEREAS,	Visa International Service Association	
hereinafter referred to as "ASSIGNEE") having a place of business at: P.O. Box 8999, San Francisco, CA, 94128, United States of America		
desires to acquire the application;	entire right, title and interest in said invention and the above-identified United States patent	
identified United States and reissues, extension in countries foreign to	EFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby assign to the ASSIGNEE, the entire right, title and interest in said invention and in the aboves patent application and in all divisions, continuations and continuations-in-part of said application, s and renewals of Letters Patent granted thereon, and in all corresponding patent applications filed the United States ("foreign countries") and corresponding international patent applications, and in ag on any such patent applications in the United States and foreign countries;	
own name and the rig	n to the ASSIGNEE the right to file patent applications in foreign countries on said invention in its ht to claim priority to the above-identified United States patent application under the terms of the on and any other relevant treaties;	
I hereby authorize and request the United States Patent & Trademark Office and officials in patent offices in foreign countries to issue any and all of said Letters Patent to the ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of the ASSIGNEE, its successors, assigns, and legal representatives, to the full end of the term for which said Letters Patent may be granted; and		
respecting said invention continuation-in-part, su Letters Patent to be issued.	e that, without further consideration, I will communicate to the ASSIGNEE any facts known to me on, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, betitute, renewal and reissue applications, execute all necessary assignment papers to cause said need to the ASSIGNEE, make all rightful oaths, and, perform all lawful acts to aid the ASSIGNEE, as, to obtain and enforce Letters Patent for said invention in the United States and foreign countries.	
LEGAL NAME OF I	NVENTOR	
Inventor: Theodore Ha	- h.//-	
Signature:		

PATENT REEL: 045348 FRAME: 0440

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

Title of Invention	Gesture Recognition Cloud Command Platform, System, Method, and Apparatus		
Docket Number	889US02		
As the below named in	ventor, I hereby declare that:		
This declaration	The attached application, or		
is directed to:	United States application or PCT international application number 14/715,105 filed on 18-May-2015		
The above-identified a	pplication 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.		
	that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine more than five (5) years, or both.		
WHEREAS,	Visa International Service Association		
hereinafter referred to as "ASSIGNEE") having a place of business at: P.O. Box 8999, San Francisco, CA, 94128, United States of America			
desires to acquire the application;	entire right, title and interest in said invention and the above-identified United States patent		
NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I hereby assign to the ASSIGNEE, the entire right, title and interest in said invention and in the above-identified United States patent application and in all divisions, continuations and continuations-in-part of said application, and reissues, extensions and renewals of Letters Patent granted thereon, and in all corresponding patent applications filed in countries foreign to the United States ("foreign countries") and corresponding international patent applications, and in all Letters Patents issuing on any such patent applications in the United States and foreign countries;			
own name and the rig	I hereby assign to the ASSIGNEE the right to file patent applications in foreign countries on said invention in its own name and the right to claim priority to the above-identified United States patent application under the terms of the International Convention and any other relevant treaties;		
I hereby authorize and request the United States Patent & Trademark Office and officials in patent offices in foreign countries to issue any and all of said Letters Patent to the ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of the ASSIGNEE, its successors, assigns, and legal representatives, to the full end of the term for which said Letters Patent may be granted; and			
Further, I agree that, without further consideration, I will communicate to the ASSIGNEE any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuation-in-part, substitute, renewal and reissue applications, execute all necessary assignment papers to cause said Letters Patent to be issued to the ASSIGNEE, make all rightful oaths, and, perform all lawful acts to aid the ASSIGNEE, its successors and assigns, to obtain and enforce Letters Patent for said invention in the United States and foreign countries.			
LEGAL NAME OF INVENTOR			
Inventor: Scott Edings	on Date: 8/31/18		
Signature: \int_{C}	at aligh		

PATENT REEL: 045348 FRAME: 0441

RECORDED: 02/16/2018