505135429 10/10/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PAUL PAYTON	08/11/2014
SCOTT EDINGTON	09/03/2014
VAN TILBURG JOHAN	08/12/2014

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:	16155539

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.

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ATTORNEY DOCKET NUMBER:	532US05/090426/31018
NAME OF SUBMITTER:	JONATHAN B. THIELBAR
SIGNATURE:	/Jonathan B. Thielbar/
DATE SIGNED:	10/10/2018

Total Attachments: 3

source=090426-31018_Payton_Assignment#page1.tif source=090426-31018_Edington_Assignment#page1.tif source=090426-31018_Johan__Assignment#page1.tif

PATENT 505135429 REEL: 047125 FRAME: 0349

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

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	Homomorphic Database Operations Appara	-trees Markada and Contain	
Title of Invention	(communic Desaulase Ciparactoris Appara	inoses, medicus and Systems	
Docket Number	532US02		
As the below named in This declaration is directed to:		PCT international application of 01 Aug 2014	unber
î de la companie de	application was made or authorized to original inventor or an original joint	•	n in the application.
I hereby acknowledge or imprisonment of ne	that any willful false statement mad t more than five (5) years, or both.	le in this declaration is punisha	ble under 18 U.S.C. 1001 by fine
WHEREAS	Visa International Service Association		
	as "ASSIGNEE") having a place of ancisco, CA, 94128, United States of Am		
application;	e entire right, title and interest in		
acknowledged, I here identified United Stat and reissues, extension in countries foreign to	EFORE, for good and valuable of by assign to the ASSIGNEE, the end as patent application and in all divisions and renewals of Letters Patent good the United States ("foreign countring on any such patent applications in the United States."	ntire right, title and interest in sions, continuations and continuanted thereon, and in all corrections?) and corresponding internals.	isaid invention and in the above uations-in-part of said application esponding patent applications filed tational patent applications, and in
own name and the ri	gn to the ASSIGNEE the right to fill ght to claim priority to the above-id to and any other relevant treaties;	e patent applications in foreign lentified United States patent	n countries on said invention in its application under the terms of the
foreign countries to i interest in and to i representatives, to the	norize and request the United State save any and all of said Letters Pate he same, for the sole use and be full end of the term for which said I	nt to the ASSIGNEE as the as behoof of the ASSIGNEE, it acters Patent may be granted; a	signee of my entire right, title and ts successors, assigns, and lega ind
respecting said inventional continuation-in-part, and Letters Patent to be is	se that, without further consideration ion, and testify in any legal process ubstitute, renewal and reissue applicated to the ASSIGNEE, make all rights, to obtain and enforce Letters Paragon, to obtain and enforce Letters.	ding, sign all lawful papers, e: ications, execute all necessary ghtful oaths, and, perform all	xecute all divisional, continuation assignment papers to cause said lawful acts to aid the ASSIGNEE
LEGAL NAME OF	INVENTOR		
Inventor: Paul Payto	n	Date: [] A	UGUST ROIH
Signature: Paul	Max Payton	J	PATENT

REEL: 047125 FRAME: 0350

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

	Homomorphic Delabase Operations Apparatuses, Methods and Systems
Title of Invention	
Docket Number	532U502
As the below named in	oventor, I hereby declare that:
This declaration is directed to:	The attached application, or
	United States application or PCT international application number 14/449,708 filed on 01 Aug 2014
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.
I hereby acknowledge or imprisonment of no	that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine timore than five (5) years, or both.
WHEREAS,	Visa International Service Association
	as "ASSIGNEE") having a place of business at: incisco, 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 State and reissues, extension in countries foreign to	by assign to the ASSIGNEE, the entire right, title and interest in said invention and in the above- is patent application and in all divisions, continuations and continuations-in-part of said application, is 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 ing 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 that to claim priority to the above-identified United States patent application under the terms of the ion 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 I	NVENTAD
	2 A 101A 1 234Z
Inventor: Scott Edingt	onDate:
Signature:	3.2/m

PATENT REEL: 047125 FRAME: 0351

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	Homomorphic Database Operations Apparatuses, Methods and Systems
Docket Number	\$32U\$02
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 14/448,708 filed on 01 Aug 2014
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 timore than five (5) years, or both.
WHEREAS,	Visa International Service Association
	as "ASSIGNEE") having a place of business at: ancisco, 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
acknowledged, I herel identified United State and reissues, extension in countries foreign to	EFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby by assign to the ASSIGNEE, the entire right, title and interest in said invention and in the above- separent application and in all divisions, continuations and continuations-in-part of said application, are 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 ing on any such patent applications in the United States and foreign countries;
own name and the ri	in to the ASSIGNEE the right to file patent applications in foreign countries on said invention in its ght to claim priority to the above-identified United States patent application under the terms of the ion 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: Van Tilburg	1 Johan Date: 8/12/2014
Signature:	

PATENT REEL: 047125 FRAME: 0352

RECORDED: 10/10/2018