505620779 08/14/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5667581

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Thomas Bret Buckingham	08/31/2016
James Karras	08/29/2016
John Shelton	08/30/2016
Michael Wayne Lester	08/29/2016
Bharat Prasad	08/23/2016
James Eric McCarty	08/29/2016
Gabriel C. Fernandez	08/23/2016
Debra Randall Casillas	08/23/2016
Sudarshan Rangarajan	08/30/2016
Christopher Thomas Wilkinson	08/30/2016

RECEIVING PARTY DATA

Name:	UIPCO, LLC
Street Address:	9800 FREDERICKSBURG ROAD
City:	SAN ANTONIO
State/Country:	TEXAS
Postal Code:	78288

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16539006

CORRESPONDENCE DATA

Fax Number: (877)769-7945

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: +1 (617) 368-2117

Email: apsi@fr.com

CHRISTINA V. MCDONOUGH Correspondent Name: Address Line 1: FISH & RICHARDSON P.C.

Address Line 2: P.O.BOX 1022

Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

ATTORNEY DOCKET NUMBER: US-1131.02|38781-0315002

REEL: 050047 FRAME: 0081 505620779

PATENT

NAME OF SUBMITTER:	TANYA SPARROW	
SIGNATURE:	/Tanya Sparrow/	
DATE SIGNED:	08/14/2019	
Total Attachments: 14		
source=US-1131.01 Executed Assignme	ent (Inventors to UIPCO)#page1.tif	
source=US-1131.01 Executed Assignme	ent (Inventors to UIPCO)#page2.tif	
source=US-1131.01 Executed Assignme	ent (Inventors to UIPCO)#page3.tif	
source=US-1131.01 Executed Assignme	ent (Inventors to UIPCO)#page4.tif	
source=US-1131.01 Executed Assignment (Inventors to UIPCO)#page5.tif		
source=US-1131.01 Executed Assignment (Inventors to UIPCO)#page6.tif		
source=US-1131.01 Executed Assignment (Inventors to UIPCO)#page7.tif		
source=US-1131.01 Executed Assignment (Inventors to UIPCO)#page8.tif		
source=US-1131.01 Executed Assignment (Inventors to UIPCO)#page9.tif		
source=US-1131.01 Executed Assignment (Inventors to UIPCO)#page10.tif		
source=US-1131.01 Executed Assignment (Inventors to UIPCO)#page11.tif		
source=US-1131.01 Executed Assignment (Inventors to UIPCO)#page12.tif		
source=US-1131.01 Executed Assignment (Inventors to UIPCO)#page13.tif		

source=US-1131.01 Executed Assignment (Inventors to UIPCO)#page14.tif

PATENT REEL: 050047 FRAME: 0082

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

Thomas Bret Buckingham 8831 Rolling Acres Trail Fair Oaks Ranch, TX 78015

James Karras 314 River Ridge Boerne, TX 78006

John Shelton 7538 Bluestone San Antonio, TX 78249

Michael Wayne Lester 8645 Willow Wind Drive Fair Oaks Ranch, TX 78015

Bharat Prasad 114 Sable Heights San Antonio, TX 78258

James Eric McCarty 9810 Amberg Path Helotes, TX 78023

Gabriel C. Fernandez 7335 Eagle Ledge San Antonio, Texas 78249

CONFIDENTIAL. Attorney-Client Privileged Communication. All Legal Privileges Claimed Including Attorney Work Product. Not for Distribution

PATENT Ver. 2.02

Debra Randall Casillas 11440 Condor Pass Helotes, TX 78023

Sudarshan Rangarajan 8215 Mirar Pass San Antonio, TX 78255

Christopher Thomas Wilkinson 2930 Encino Robles San Antonio, TX 78259

Assignee: UIPCO, LLC 9800 Fredericksburg Road San Antonio, Texas 78288

ASSIGNMENT AGREEMENT

WHEREAS, ASSIGNOR(S) (listed above) is/are inventor(s) of an invention(s) entitled as described and claimed in the specification forming part of an application(s) for United States letters patent referenced above;

WHEREAS, UIPCO, a Texas limited liability company (hereinafter referred to as ASSIGNEE), having a place of business at 9800 Fredericksburg Road, San Antonio, Texas 78288, is desirous of acquiring the entire right, title and interest in and to the invention(s) and in and to any letters patent that may be granted therefore in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sell, assign, and transfer unto ASSIGNEE, the entire right, title, and interest in and to the invention(s) (including the invention(s) disclosed in the application referenced above), the application(s), and any and all letters patent which may be granted for the invention(s) in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues, and continuations thereof, as well as any application(s) to which the application referenced above claims priority, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application(s) to which said foreign applications are entitled by virtue of international convention, treaty, or otherwise, said invention(s), application(s), and all letters patent on said invention(s) to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR(S) had this assignment, transfer, and sale not been made. ASSIGNOR(S) hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR(S) agree(s) to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention(s), for litigation regarding said letters patent, or for the purpose of protecting title to

CONFIDENTIAL. Attorney-Client Privileged Communication. All Legal Privileges Claimed Including Attorney Work Product. Not for Distribution 9cr. 2.02

Page 2 of 5

PATENT

said invention(s) or letters patent therefore, all of the above hereinafter the "Assigned Patent Rights."

For the avoidance of doubt, ASSIGNOR(S) hereby irrevocably assign(s), transfer(s), convey(s), and deliver(s) to ASSIGNEE all rights to sue or to bring any action or to assert any claim, whether at law or in equity, against any person or entity relating to any of the Assigned Patent Rights, including without limitation for past, present, or future infringement, misappropriation, or other unauthorized use of any of the Assigned Patent Rights, to obtain injunctive relief, and to recover or collect royalties, damages, and profits, including without limitation for such past, present or future infringement, misappropriation, or unauthorized use of any of the Assigned Patent Rights. By specifically enumerating certain rights of enforcement in this paragraph, the ASSIGNOR(S) and ASSIGNEE do not intend for this paragraph to be interpreted to suggest any limitation upon the scope of rights transferred by virtue of this Assignment.

The ASSIGNOR(S) further agree(s) for myself and my or ourselves and our respective heirs, legal representatives, and assigns to provide to the ASSIGNEE promptly upon its request and at its expense all pertinent facts and documents relating to any of said inventions, applications, or patents and legal equivalents as may be known and accessible to us and to testify as to the same in any interference, litigation, or proceeding relating thereto.

ASSIGNOR(S) further hereby represent(s) and warrant(s) that ASSIGNOR(S) is/are an original contributor to the material included in the application; and ASSIGNOR(S) has/have reviewed and understand(s) the contents of this Assignment Agreement.

This Assignment is governed by and shall be construed in accordance with the laws of Texas.

FINALLY, this Assignment may be executed in multiple counterparts, each of which shall be deemed to be an original of this Assignment. Additionally, we hereby authorize our attorneys to collect the signature pages of each executed counterpart and to attach those signature pages to a single copy of this instrument, which single copy and attached signature pages together shall constitute an original of this Assignment.

said invention(s) or letters patent therefore, all of the above hereinafter the "Assigned Patent Rights."

For the avoidance of doubt, ASSIGNOR(S) hereby irrevocably assign(s), transfer(s), convey(s), and deliver(s) to ASSIGNEE all rights to sue or to bring any action or to assert any claim, whether at law or in equity, against any person or entity relating to any of the Assigned Patent Rights, including without limitation for past, present, or future infringement, misappropriation, or other unauthorized use of any of the Assigned Patent Rights, to obtain injunctive relief, and to recover or collect royalties, damages, and profits, including without limitation for such past, present or future infringement, misappropriation, or unauthorized use of any of the Assigned Patent Rights. By specifically enumerating certain rights of enforcement in this paragraph, the ASSIGNOR(S) and ASSIGNEE do not intend for this paragraph to be interpreted to suggest any limitation upon the scope of rights transferred by virtue of this Assignment.

The ASSIGNOR(S) further agree(s) for myself and my or ourselves and our respective heirs, legal representatives, and assigns to provide to the ASSIGNEE promptly upon its request and at its expense all pertinent facts and documents relating to any of said inventions, applications, or patents and legal equivalents as may be known and accessible to us and to testify as to the same in any interference, litigation, or proceeding relating thereto.

ASSIGNOR(S) further hereby represent(s) and warrant(s) that ASSIGNOR(S) is/are an original contributor to the material included in the application; and ASSIGNOR(S) has/have reviewed and understand(s) the contents of this Assignment Agreement.

This Assignment is governed by and shall be construed in accordance with the laws of Texas.

FINALLY, this Assignment may be executed in multiple counterparts, each of which shall be deemed to be an original of this Assignment. Additionally, we hereby authorize our attorneys to collect the signature pages of each executed counterpart and to attach those signature pages to a single copy of this instrument, which single copy and attached signature pages together shall constitute an original of this Assignment.

Thomas Bret Bu	nckingham	
		Date of Signature
-	Jan	Ka
James Karras		8/29/2016
		Date of Signature

Oh flatt	
John Shelton	8/30/2016
	Date of Signature
Michael Wayne Lester	
and the second s	Date of Signature
Bharat Prasad	
	Date of Signature
James Gwill James Bric McCarty	A
James Bric McCarty	21 20 1 20 16
A A A A A A A A A A A A A A A A A A A	8/29/2016 Date of Signature
Gabriel C. Fernandez	
	Date of Signature
Debra Randall Casillas	
	Date of Signature

	•
Sudarshan/Rangarajan	
	Ot So Lollo Date of Signature
Christopher Thomas Wilkinson	
who the state of t	Date of Signature

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

Thomas Bret Buckingham 8831 Rolling Acres Trail Fair Oaks Ranch, TX 78015

James Karras 314 River Ridge Boerne, TX 78006

John Shelton 7538 Bluestone San Antonio, TX 78249

Michael Wayne Lester 8645 Willow Wind Drive Fair Oaks Ranch, TX 78015

Bharat Prasad 114 Sable Heights San Antonio, TX 78258

James Eric McCarty 9810 Amberg Path Helotes, TX 78023

Gabriel C. Fernandez 7335 Eagle Ledge San Antonio, Texas 78249

CONFIDENTIAL. Attorney-Client Privileged Communication. All Legal Privileges Claimed Including Attorney Work Product. Not for Distribution

PATENT Ver. 2.02

Debra Randall Casillas 11440 Condor Pass Helotes, TX 78023

Sudarshan Rangarajan 8215 Mirar Pass San Antonio, TX 78255

Christopher Thomas Wilkinson 2930 Encino Robles San Antonio, TX 78259

Assignee: UIPCO, LLC 9800 Fredericksburg Road San Antonio, Texas 78288

ASSIGNMENT AGREEMENT

WHEREAS, ASSIGNOR(S) (listed above) is/are inventor(s) of an invention(s) entitled as described and claimed in the specification forming part of an application(s) for United States letters patent referenced above;

WHEREAS, UIPCO, a Texas limited liability company (hereinafter referred to as ASSIGNEE), having a place of business at 9800 Fredericksburg Road, San Antonio, Texas 78288, is desirous of acquiring the entire right, title and interest in and to the invention(s) and in and to any letters patent that may be granted therefore in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sell, assign, and transfer unto ASSIGNEE, the entire right, title, and interest in and to the invention(s) (including the invention(s) disclosed in the application referenced above), the application(s), and any and all letters patent which may be granted for the invention(s) in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues, and continuations thereof, as well as any application(s) to which the application referenced above claims priority, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application(s) to which said foreign applications are entitled by virtue of international convention, treaty, or otherwise, said invention(s), application(s), and all letters patent on said invention(s) to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR(S) had this assignment, transfer, and sale not been made. ASSIGNOR(S) hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR(S) agree(s) to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention(s), for litigation regarding said letters patent, or for the purpose of protecting title to

CONFIDENTIAL. Attorney-Client Privileged Communication. All Legal Privileges Claimed Including Attorney Work Product. Not for Distribution

Ver. 2.02 Page 2 of 5 said invention(s) or letters patent therefore, all of the above hereinafter the "Assigned Patent-Rights."

For the avoidance of doubt, ASSIGNOR(S) hereby irrevocably assign(s), transfer(s), convey(s), and deliver(s) to ASSIGNEE all rights to sue or to bring any action or to assert any claim, whether at law or in equity, against any person or entity relating to any of the Assigned Patent Rights, including without limitation for past, present, or future infringement, misappropriation, or other unauthorized use of any of the Assigned Patent Rights, to obtain injunctive relief, and to recover or collect royalties, damages, and profits, including without limitation for such past, present or future infringement, misappropriation, or unauthorized use of any of the Assigned Patent Rights. By specifically enumerating certain rights of enforcement in this paragraph, the ASSIGNOR(S) and ASSIGNEE do not intend for this paragraph to be interpreted to suggest any limitation upon the scope of rights transferred by virtue of this Assignment.

The ASSIGNOR(S) further agree(s) for myself and my or ourselves and our respective heirs, legal representatives, and assigns to provide to the ASSIGNEE promptly upon its request and at its expense all pertinent facts and documents relating to any of said inventions, applications, or patents and legal equivalents as may be known and accessible to us and to testify as to the same in any interference, litigation, or proceeding relating thereto.

ASSIGNOR(S) further hereby represent(s) and warrant(s) that ASSIGNOR(S) is/are an original contributor to the material included in the application; and ASSIGNOR(S) has/have reviewed and understand(s) the contents of this Assignment Agreement.

This Assignment is governed by and shall be construed in accordance with the laws of Texas.

FINALLY, this Assignment may be executed in multiple counterparts, each of which shall be deemed to be an original of this Assignment. Additionally, we hereby authorize our attorneys to collect the signature pages of each executed counterpart and to attach those signature pages to a single copy of this instrument, which single copy and attached signature pages together shall constitute an original of this Assignment.

Thomas Bret Buckingham	
	Date of Signature
James Karras	
	Date of Signature

CONFIDENTIAL. Attorney-Client Privileged Communication. All Legal Privileges Claimed Including Attorney Work Product. Not for Distribution

Ver. 2.02 Page 3:of 5

John Shelton	- A PA
Mall Ways	Date of Signatur
Michael Wayne Lester	
	8-29-2016
	Date of Signature
Bharat Prasad	
	Date of Signature
James Eric McCarty	
	Date of Signature
Gabriel C. Fernandez	
	Date of Signature
Debra Randall Casillas	
	Date of Signature

Ver. 2.02 Page √ of S

John Shelton	377
,	Date of Signature
Michael Wayne Lester	
Ala S	Date of Signature
Bharat Prasad	Of 23 20 L Date of Signature
James Bric McCarty	
	Date of Signature
Gabriel C. Fernandez	
	Date of Signature
Debra Randall Casillas	
	Date of Signature

John Shelton	
John Shorton	
	Date of Signature
Michael Wayne Lester	
Witchael Wayne Design	
	Date of Signature
Bharat Prasad	
Dialog Tasac	
	D (60°)
	Date of Signature
	•
James Eric McCarty	A PARTICIPATION OF THE PARTICI
	Date of Signature
n MM	Pate of Signature
- A A	
Gabriel C. Fernandez	
	8/23/2016
Popular Control of the Control of th	Date of Signature
Debra Randall Casillas	
	Date of Signature

Y 1 Of to	
John Shelton	
	Date of Signature
	D 440 0 2 5 - G
Michael Wayne Lester	
	Date of Signature
Bharat Prasad	
	Date of Signature
James Eric McCarty	
·	
	Date of Signature
Gabriel C. Fernandez	
	Date of Signature
Debra Randall Ca Debra Randall Casillas	sellas
8/23/2016	Date of Signature

Sudarshan Rangarajan		
		Date of Signature
Phsch	•	
Christopher Thomas Wilkinson		
		30 Aug 2016 Date of Signature
		Date of Signature

Ver. 2.02