# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
VIJAY PERINCHERRY	04/04/2016
JANINE GELBART	04/01/2016
MARC INZELSTEIN	04/05/2016

## **RECEIVING PARTY DATA**

Name:	INDIGGO ASSOCIATES LLC	
Street Address:	4600 EAST WEST HIGHWAY	
Internal Address:	SUITE 875	
City:	BETHESDA	
State/Country:	MARYLAND	
Postal Code:	20814	

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16458801

## **CORRESPONDENCE DATA**

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**Correspondent Name:** COOLEY LLP

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Address Line 4: WASHINGTON, D.C. 20004

ATTORNEY DOCKET NUMBER:	: INDG-002/01US 323161-2013	
NAME OF SUBMITTER:	ITTER: LESLY A. MCANELLY	
SIGNATURE: /Lesly A. McAnelly/		
DATE SIGNED:	01/27/2020	

**Total Attachments: 7** 

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**PATENT REEL: 051625 FRAME: 0169** 

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PATENT REEL: 051625 FRAME: 0170

#### ASSIGNMENT

Vijay PERINCHERRY, residing at 11120 Candlelight Lane, Potomac, MD 20854, Janine GELBART, residing at 5702 Bradley Blvd., Bethesda MD, 20814, and Marc INZELSTEIN, residing at 10951 Tuckerman Heights Circle, Rockville, MD, 20852 (each referred to as "Assignor") have made an invention(s) (the "Invention(s)") set forth in an application for patent of the United States, entitled ADAPTIVE SYSTEMS, APPARATUS AND METHODS FOR CORRELATING COMPRESSED MULTIDIMENSIONAL DATA PROFILES TO ENGAGEMENT RULES, and which is a:

(1)	provisional application (a) to be filed herewith; or		
	(b) bearing Application No.	, and filed on	;
(2)	non-provisional application  (a)  to be filed herewith; or  (b)  bearing Application No.	, and filed on	; and/oi
	(b) bearing Application No.	, and med on	, and/or
(3)	PCT application (a) bearing Application No.	, and filed on	
(4)	a patent application bearing Serial No.	, and filed on	;
	and/or		
(5)	attached hereto		

WHEREAS, Indiggo Associates LLC, a corporation having its principal place of business at 4600 East West Highway, Suite 875, Bethesda MD 20814, its successors, legal representatives and assigns, (the "Assignee"), is desirous of acquiring the entire right, title, and interest in: the Invention(s); the application(s) for patent identified above; the right to file applications for patent of the United States or other countries on the Invention(s); any application(s) for patent of the United States or other countries claiming priority to, and/or the benefit of, these applications; any provisional or other right to recover any and all past, present, and future damages, including royalties, for any and all past, present, and future infringements of these application(s); and any and all patent(s) of the United States or other countries that may be granted therefor or thereon.

**NOW, THEREFORE**, for good and sufficient consideration, the receipt of which is hereby acknowledged, and to the extent that the Assignor has not done so already via a prior agreement with the Assignee or a predecessor in interest of the Assignee, or if the Assignor has already done so via a prior agreement with the Assignee or a predecessor in interest of the Assignee then in confirmation of any obligation to do so in said prior agreement, the Assignor has sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer, and

PATENT REEL: 051625 FRAME: 0171 set over, unto the Assignee, its successors, legal representatives, and assigns, the Assignor's entire right, title, and interest in:

- (a) the Invention(s);
- (b) the application(s) for patent identified above;
- (c) the right to file applications for patent of the United States or other countries on the Invention(s), including all rights under the Hague Convention, the Paris Convention for the Protection of Industrial Property, and under the Patent Cooperation Treaty, and all rights of claiming priority in any country of the world;
- (d) any application(s) for patent of the United States or other countries claiming the Invention(s);
- (e) any application(s) for patent of the United States or other countries claiming priority to, and/or the benefit of, at least one of the application(s) for patent identified above or any application(s) for patent claiming the Invention(s), including any substitute application(s), division(s), continuation(s), and continuation(s)-in-part;
- (f) any provisional or other right to recover any and all past, present, and future damages, including royalties, for any and all past, present, and future infringements of any application for patent identified in the preceding paragraphs (b)-(e) and of any and all patent(s) granted based thereon in the United States and in all other countries; and
- (g) any patent(s) of the United States or other countries that may be granted for or on any application for patent identified in the preceding paragraphs (b)-(e), including any reissue(s), reexamination(s), revival(s), renewal(s) and extension(s) of said patent(s).

The above-granted rights, titles, and interests are to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made.

The Assignor hereby represents to the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, or if applicable, at such time said prior agreement was executed, the Assignor is a lawful owner of an undivided interest in the entire right, title, and interest in and to the Invention(s), that the Invention(s) are unencumbered, except, if applicable, by obligation to assign in accordance with said prior agreement, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth herein, and that Assignor will not make or enter into any assignment, sale, agreement or encumbrance which would conflict with these presents.

The Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that the Assignor will sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done in connection with any and all proceedings for the procurement, maintenance, enforcement and defense of the Invention(s), said application(s), and said patent(s), including interference and derivation proceedings, and any

PATENT REEL: 051625 FRAME: 0172 post-grant proceedings (e.g., opposition proceedings, post-grant reviews, *Inter partes* reviews, supplemental examinations, etc.) without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns.

The Assignor hereby authorizes and requests the attorneys of COOLEY LLP to insert in the spaces provided above the filing date, the application number, and the attorney docket number of the application(s) identified above when known.

The Assignor hereby requests the Commissioner of Patents to issue said patents of the United States to the Assignee for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Vijay PERINCHERRY

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness accuracy, or validity of that document.
State of Maryland ) ss. County of Montgoney
) 58.
County of Montgomusy )
On 4.4.2016, before me. Anne F.Christiansen, Notary Public, personally appeared <u>Vijay Perincherry</u> , who proved to me
Public, personally appeared <u>Viay Perincherry</u> , who proved to me
on the basis of satisfactory evidence, to be the person(s) whose name(s) is/are subscribed to the
within instrument and acknowledged to me that he/she/they executed the same in his/her/their
authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or
the entity upon behalf of which the person(s) acted, executed the instrument.
WITNESS my hand and official seal.
Just Christiansen
Signature of Notary Public Place Schary Seal About
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My Commission Expires: $12 \cdot 2 \cdot 200$

Date: 4-1-2016. By:
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.
State of Maryland  County of Mintgemey  On 4.1.2016, before me, Anne F Christiansen. Notary  Public, personally appeared Janue Helbart, who proved to me on the basis of satisfactory evidence, to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.
WITNESS my hand and official seal.    Augustus   Christian   Chris

Marc INZELSTEIN		
A notary public or other officer completing this certificate verifies only the identity individual who signed the document to which this certificate is attached, and not the truth accuracy, or validity of that document.		
State of Maryland ) ss. County of Montgomey )		
County of Montgomery		
	Notary	
Public, personally appeared Marc Inzelstein, who prove	d to me	
on the basis of satisfactory evidence, to be the person(s) whose name(s) is/are subscribe	d to the	
within instrument and acknowledged to me that he/she/they executed the same in his/her/their		
authorized capacity(ies), and that by his/her/their signature(s) on the instrument the perso	n(s), or	
the entity upon behalf of which the person(s) acted, executed the instrument.		
WITNESS my hand and official seal.		
Ince of Christianser & NOMO, Sign		
Signature of Notary Public Que Notary Seal A Eve		
THO MENY COUNTY		
My Commission Expires: 12 · 2 · 2016		

Date: 4-5-20/6 By: m. hreds Fix

For and on behalf of ASSIGNEE:	
Date: 4-6-2016	By:  Name: Tawic Helbart  Title: CED  Company: Indiggo Associates LLC
	ng this certificate verifies only the identity of the has this certificate is attached, and not the truthfulness,
on the basis of satisfactory evidence, to be to within instrument and acknowledged to me	me, Annut Christians, Notary  Lelbat, who proved to me the person(s) whose name(s) is/are subscribed to the that he/she/they executed the same in his/her/their their signature(s) on the instrument the person(s), or acted, executed the instrument.
WITNESS my hand and official seal.    June J. Luittanau     Signature of Notary Public	CHRIS NOWN SEAL ABOVE
My Commission Expires: 12-2-2016	The St Continue

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