505246826 12/20/2018

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5293605

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
ANUPAM BAGCHI	12/07/2017
ANIL GOEL	12/07/2017
SUBRAMANIAN BALAKRISHNAN	12/07/2017

#### **RECEIVING PARTY DATA**

Name:	AERIS COMMUNICATIONS, INC.
Street Address:	1745 TECHNOLOGY DRIVE, SUITE 700
City:	SAN JOSE
State/Country:	CALIFORNIA
Postal Code:	95110-3729

#### **PROPERTY NUMBERS Total: 2**

Property Type	Number
Application Number:	16212722
PCT Number:	US1864416

#### **CORRESPONDENCE DATA**

**Fax Number:** (703)684-1460

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:** 7036841470

Email: ncolston@brundidge-stanger.com
Correspondent Name: BRUNDIDGE & STANGER, P.C.
Address Line 1: 1925 BALLENGER AVE., SUITE 560
Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	4252.915BS
NAME OF SUBMITTER:	LEENA A. MAUSKAR
SIGNATURE:	/Leena A. Mauskar/
DATE SIGNED:	12/20/2018

#### **Total Attachments: 3**

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> PATENT REEL: 047828 FRAME: 0474

# 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	SYSTEM AND METHOD FOR DETERMINING COMPLIANT ROUTES FOR REPETITIVE TRIPS
As the below name	d inventor, I hereby declare that:
This declaration	The attached application, or
is directed to:	United States application or PCT international application numberfiled on
I believe that I am t WHEREAS, <u>Aer</u> <u>Technology Drive</u> interest in and to sa	d application was made or authorized to be made by me. he original inventor or an original joint inventor of a claimed invention in the application.  is Communications, Inc. (hereinafter referred to as "ASSIGNEE") located at: 1745  Suite 700, San Jose, CA 95110-3729, is desirous of acquiring the entire right, title and additional in and to any Letters Patent that may be granted therefore in the United portions and in any and all foreign countries;
acknowledged, and transfer unto said A the United States a under the terms of from the aforesaid may be granted the	ORE, in consideration of the sum of ONE DOLLAR (\$1.00), the receipt whereof is hereby for other good and valuable consideration, I, by these presents do hereby sell, assign and ASSIGNEE, its successors and assigns, the full and exclusive right to the said invention in nd its territorial possessions and in all foreign countries (including the right to claim priority the International Convention and other relevant International Treaties and Arrangements application) and the entire right, title and interest in and to any and all Letters Patent which refor in the United States and its territorial possessions and in any and all foreign countries y and all divisions, reexaminations or reissues, continuations or continuations-in-part, enewals thereof.
and any and all fore its successors and use and behalf of	te and request the Patent Office Officials in the United States and its territorial possessions eign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE, assigns, as the assignee of my entire right, title and interest in and to the same, for the sole said ASSIGNEE, its successors and assigns, to the full end of the term for which said to be granted, as fully and entirely as the same would have been held by me had this ie not been made.
respecting said inv continuation or con- necessary assignm successors and ass its successors and	that I will communicate to said ASSIGNEE or its representatives any facts known to me ention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, tinuation-in-part, substitute, renewal, and reexamination or reissue applications, execute all ent papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, its signs, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, assigns, to obtain and enforce proper protection for said invention in the United States and sions and in any and all foreign countries.
further identification its territorial posses	y authorize the Law Firm of Brundidge & Stanger, P.C. to insert on this assignment any which may be necessary or desirable by Patent Office Officials in the United States and ssions and any and all foreign countries in order to comply with the rules of said Patent ecordation of this document.
U.S.C. 1001 by fine	viedge that any willful false statement made in this declaration is punishable under 18 or imprisonment of not more than five (5) years, or both.
LEGAL NAME OF I	NVENTOR
Inventor: <u>Anupam</u> .≨	PAGCHI Date: (Optional)
Signature:	<u> Eagh</u>

BRUNDIDGE & STANGER, P.C. 1925 BALLENGER AVENUE, SUITE 560 ALEXANDRIA, VIRGINIA 22314

PATENT PATENT REEL: 047828 FRAME: 0475

# 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 SYSTEM AND METHOD FOR DETERMINING COMPLIANT ROUTES FOR Invention REPETITIVE TRIPS		
As the below named inventor, I hereby declare that:		
This declaration 🗵 The attached application, or		
is directed to: 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.  WHEREAS, Aeris Communications, Inc. (hereinafter referred to as "ASSIGNEE") located at: 1745  Technology Drive, Suite 700, San Jose, CA 95110-3729, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;		
NOW, THEREFORE, in consideration of the sum of ONE DOLLAR (\$1.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I, by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors and assigns, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reexaminations or reissues, continuations or continuations-in-part, substitutions, and renewals thereof.		
I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE, its successors and assigns, as the assignee of my entire right, title and interest in and to the same, for the sole use and behalf of said ASSIGNEE, its successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.		
Further, I agree that I will communicate to said ASSIGNEE or its representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation or continuation-in-part, substitute, renewal, and reexamination or reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, its successors and assigns, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.		
Further, I hereby authorize the Law Firm of Brundidge & Stanger, P.C. to insert on this assignment any further identification which may be necessary or desirable by Patent Office Officials in the United States and its territorial possessions and any and all foreign countries in order to comply with the rules of said Patent Office Officials for recordation of this document.		
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.		
LEGAL NAME OF INVENTOR		
Inventor: Subramanian BalakrishnanDate: (Optional)		
Signature: A Sulm		

BRUNDIDGE & STANGER, P.C. 1925 BALLENGER AVENUE, SUITE 560 ALEXANDRIA, VIRGINIA 22314

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

	EM AND METHOD FOR DETERMINING COMPLIANT HOU TITIVE TRIPS	reston
As the below named inventor,	, I hereby declare that:	
This declaration 🔯 The	attached application, or	
is directed to:  Unite	ed States application or PCT international application number	
The above-identified applicati	ion was made or authorized to be made by me	
WHEREAS, <u>Aeris Commu</u> Technology Drive, Suite 70th interest in and to said invention	I inventor or an original joint inventor of a claimed invention in the appunications, Inc. (hereinafter referred to as "ASSIGNEE") located at <u>6. San Jose, CA 35110-3729</u> , is desirous of acquiring the entire righ on and in and to any Letters Patent that may be granted therefore in tessions and in any and all foreign countries;	<u>1745</u> it, title and
acknowledged, and for other transfer unto said ASSIGNEE the United States and its term under the terms of the Interr from the aforesaid application may be granted therefor in the	onsideration of the sum of ONE DOLLAR (\$1.00), the receipt when good and valuable consideration, I, by these presents do hereby sell E, its successors and assigns, the full and exclusive right to the sain interial possessions and in all foreign countries (including the right to national Convention and other relevant International Treaties and A in) and the entire right, title and interest in and to any and all Letters he United States and its territorial possessions and in any and all fore I divisions, reexaminations or reissues, continuations or continuations.	II, assign and I invention in claim priority trangements Patent which ign countries
and any and all foreign count its successors and assigns, a use and behalf of said ASS	quest the Patent Office Officials in the United States and its territorial tries to issue any end all of said Letters Patent, when granted, to said as the assignee of my entire right, title and interest in and to the same SIGNEE, its successors and assigns, to the full end of the term forted, as fully and entirely as the same would have been held by an made.	I ASSIGNEE, e, for the sole or which said
respecting said invention, or continuation or continuation-i necessary assignment paper successors and assigns, mat its successors and assigns, it	I communicate to said ASSIGNEE or its representatives any facts inditestify in any legal proceeding, sign all lawful papers, execute in-part, substitute, renewal, and reexamination or reissue application is to cause any and all of said Letters Patent to be issued to said Affice all rightful caths, and, generally do everything possible to aid said to obtain and enforce proper protection for said invention in the Unifer I nany and all foreign countries.	all divisional, s, execute all SSIGNEE, its I ASSIGNEE,
further identification which m	re the Law Firm of Brundidge & Stanger, P.C. to insert on this ass nay be necessary or desirable by Patent Office Officials in the Unite ad any and all foreign countries in order to comply with the rules o n of this document.	d States and
I hereby acknowledge the U.S.C. 1001 by fine or impris	at any willful false statement made in this declaration is punishal somment of not more than five (5) years, or both.	ble under 18
LEGAL NAME OF INVENTO	R Control of the Cont	
Inventor: Anii GOEL	Date: (Optional)	
Signature: And	two sections of the section of the s	

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**RECORDED: 12/20/2018** 

PATENT REEL: 047828 FRAME: 0477