505739331 10/24/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5786144

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MURALI SETHUMADHAVAN	09/09/2019
MICHAEL S. WHITE	09/04/2019
GIANNI TARASCHI	09/05/2019
KRISTI PANCE	09/05/2019

RECEIVING PARTY DATA

Name:	ROGERS CORPORATION
Street Address:	2225 WEST CHANDLER BOULEVARD
City:	CHANDLER
State/Country:	ARIZONA
Postal Code:	85224

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16564626

CORRESPONDENCE DATA

Fax Number: (860)286-0115

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: 860-286-2929

Email: usptopatentmail@cantorcolburn.com

Correspondent Name: CANTOR COLBURN LLP

Address Line 1: 20 CHURCH STREET, 22ND FLOOR Address Line 4: HARTFORD, CONNECTICUT 06103

ATTORNEY DOCKET NUMBER: RP30220US2 (18AB)

NAME OF SUBMITTER: DAVID ARNOLD

SIGNATURE: /David Arnold/

DATE SIGNED: 10/24/2019

Total Attachments: 5 source=8DT9118#page1.tif source=8DT9118#page2.tif

source=8DT9118#page3.tif

505739331

PATENT REEL: 050815 FRAME: 0555 source=8DT9118#page4.tif source=8DT9118#page5.tif

> PATENT REEL: 050815 FRAME: 0556

ASSIGNMENT

WHEREAS We, Murali Sethumadhavan, Michael S. White, Gianni Taraschi and Kristi Pance (hereinafter collectively "ASSIGNOR(S)") have invented certain new and useful improvements in the following invention:

DIELECTRIC RESONATOR ANTENNA SYSTEM

for which an application for Letters Patent of the United States was filed on September 9, 2019, as United States Serial Number 16/564,626 (We hereby authorize and request the Company or its delegated attorneys or agents to insert herein the application number and filing date of the application when known) having attorney docket No. RP30220US2 (18AB) (hereinafter the "APPLICATION"); and

WHEREAS, ROGERS CORPORATION, a corporation organized and existing under the laws of the UNITED STATES OF AMERICA, having a place of business at 2225 West Chandler Boulevard, Chandler, AZ 85224, desires to acquire or has acquired, and each undersigned inventor acknowledges the obligation to assign to, in and to the INVENTION, the APPLICATION, and any and all Patents to be obtained therefor to ROGERS CORPORATION, and the parties desire to use this Assignment to memorialize the grant to ROGERS CORPORATION of the entire worldwide right, title, and interest in and to the INVENTION, the APPLICATION, including all embodiments thereof, and in and to any and all patent applications and patents directed thereto;

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, the ASSIGNOR(S) have assigned and transferred, and hereby assign and transfer to ROGERS CORPORATION its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the INVENTION, the APPLICATION, and any and all Patents that may be issued therefrom, in any and all countries, including all divisions, continuations, continuations-in-part, reissues, reexaminations, renewals, extensions, counterparts, substitutes, and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such patents.

In addition, the ASSIGNOR(S) hereby authorize and request any official whose duty it is to issue patents, to issue any patent on said improvements or resulting therefrom to ROGERS CORPORATION, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the same to be held and enjoyed by ROGERS CORPORATION, its successors, legal representatives, and assigns to the full end of the terms for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by the ASSIGNORS had this Assignment not been made; and the ASSIGNOR agrees on behalf of themselves, their successors and legal representatives, to execute any and all documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the INVENTION, the APPLICATION, and any and all related patents and applications, in ROGERS CORPORATION, its successors, legal representatives, and assigns, whenever requested by ROGERS CORPORATION, its successors, legal representatives, and assigns.

The ASSIGNOR(S) also hereby grant ROGERS CORPORATION, its successors, legal representatives, and assigns, the right to insert in this Assignment any further identification of the APPLICATION (including, but not limited to, Application Number and filing date, and Attorney

PATENT

REEL: 050815 FRAME: 0557

RP30220US2 (18AB)

Docket Number), and further grants ROGERS CORPORATION, its successors, legal representatives, and assigns the right to execute confirmatory assignments on their behalf.

The undersigned declare that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

* * *	
Date: 9/9//9	LS LS
	Manuel Cathannadhanas

Witnessed by: Mena Kaushir Date: 9/9/2019

MEENA KAUSHIK
Printed Name of Witness

Witnessed by: Signature Date: 9/9/2019

SUNDAR CIVARAMAN
Printed Name of Witness

REEL: 050815 FRAME: 0558

Date: 4 September 7019 Witnessed by: Nat of Argam Date: 04/09/19 Signature Date: 9/4/19 Signature Date: 9/4/19

RP30220US2 (18AB)

Mark Stolean

Printed Name of Witness

3

KP30220US2	8 40		and the second second
Date: 4/5	/2019	Gianni Taras	LS.
Witnessed by:	Signature Ulandy	Date:	09/05/2019
	<u>Charleshachandr</u> Printed Name of Witness	- Pandey	
Witnessed by:	Signature	m,	Date: 9/5/19
	Obniel Pennock		

Printed Name of Witness

RP30220US2 (18AB) Date: Septen (1997 5)	162019 Wiston	S Pance	
Witnessed by:	July .	Date: <u>09/05/20/\$</u>	******
<u>Shailes</u> Printed Name	<u>Lachardra</u> V Pa e of Witness	andley.	
Witnessed by: Signature	And the second s	Date: 9/5/19	***************************************
Obriel Per	rock		

Printed Name of Witness

5