

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT5114329

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
THOMAS ROBERTS	08/16/2018
KARAM NOUJEIM	08/14/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ANRITSU COMPANY
<b>Street Address:</b>	490 JARVIS DRIVE
<b>City:</b>	MORGAN HILL
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	95037
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16024788
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>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.</i>	
<b>Email:</b>	officeactions@tuckerellis.com
<b>Correspondent Name:</b>	TUCKER ELLIS LLP
<b>Address Line 1:</b>	ONE MARKET PLAZA
<b>Address Line 2:</b>	STEUART TOWER, SUITE 700
<b>Address Line 4:</b>	SAN FRANCISCO, CALIFORNIA 94105
<b>ATTORNEY DOCKET NUMBER:</b>	ANRI-08160US1
<b>NAME OF SUBMITTER:</b>	MICHAEL ROBBINS REG. NO 54774
<b>SIGNATURE:</b>	/Michael Robbins/
<b>DATE SIGNED:</b>	08/28/2018
<b>Total Attachments: 3</b>	
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## JOINT TO CORPORATE ASSIGNMENT

WHEREAS, the undersigned Inventors:

(1) Thomas Roberts,  
a resident of Morgan Hill, CA; and

(2) Karam Noujeim,  
a resident of Los Altos, CA

have invented certain new and useful improvements in:

### **NONLINEAR TRANSMISSION LINE (NLTL)-BASED MINIATURE REFLECTOMETERS WITH REDUCED HEAT DISSIPATION AND SCALABLE TETHER LENGTH**

for which an application for Letters Patent of the United States has been filed on June 30, 2018, under Application No. 16/024,788, claiming priority to U.S. Provisional Application No. 62/527,954, filed June 30, 2017.

WHEREAS Anritsu Company (hereinafter termed "Assignee"), a corporation of the State of California, having a place of business at 490 Jarvis Drive, Morgan Hill, California 95037, wishes to acquire the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, certificates of invention and other forms of protection thereon (hereinafter termed "patents") applied for or granted in the United States and/or other countries.

NOW THEREFORE, for good and valuable consideration acknowledged by each of said Inventors to have been received in full from said Assignee:

1. Said Inventors do hereby sell, assign, transfer and convey to said Assignee, the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply in any or all countries of the world for patents, certificates of inventions or other governmental grants on said invention, including the right to apply for patents pursuant to the International Convention for the Protection of Industrial Property or pursuant to any other convention, treaty, agreement or understanding; (c) in and to any and all applications filed and any and all patents, certificates of inventions or other governmental grants granted on said invention in the United States or any other country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications; (d) in and to each and every reissue or extension of any of said patents; and (e) in and to each and every patent claim resulting from a reexamination certificate for any and all of said patents.

2. Said Inventors hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and other countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, executing of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for complying with any duty of disclosure; (c) for prosecuting any of said applications; (d) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (e) for filing and prosecuting applications for reissue of any of said patents; (f) for interference or other priority proceedings involving said invention; and (g) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition

proceedings, cancellation proceedings, priority contests, public use proceedings, reexamination proceedings, compulsory licensing proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this Assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.

4. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Inventors have executed this instrument on the date as given below and delivered this instrument to said Assignee:

8/16/18  
Date

  
Thomas Roberts

\_\_\_\_\_  
Date

\_\_\_\_\_  
Karam Noujeim

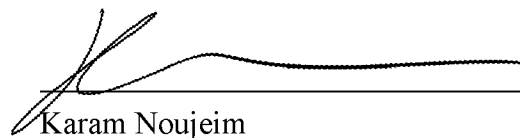
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\_\_\_\_\_  
Date  
*08/14/2018*  
\_\_\_\_\_  
Date

\_\_\_\_\_  
Thomas Roberts  
  
\_\_\_\_\_  
Karam Noujeim