502725099 03/17/2014

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TZUNG-I LEE	03/17/2010
ALAN PASION	03/16/2010
VANEET PATHAK	03/17/2010
NORBERTO LOPEZ	03/23/2010
AJAY GUMMALLA	03/16/2010

RECEIVING PARTY DATA

Name:	RAYSPAN CORPORATION	
Street Address:	11975 EL CAMINO REAL, SUITE 301	
City:	SAN DIEGO	
State/Country:	CALIFORNIA	
Postal Code:	92130	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13021027

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.

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Correspondent Name: SCHWEGMAN LUNDBERG & WOESSNER, P.A.

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ATTORNEY DOCKET NUMBER:	3404.009US1
NAME OF SUBMITTER:	MARINA KRAUT
SIGNATURE:	/M. Kraut/
DATE SIGNED:	03/17/2014

Total Attachments: 3 source=ASSN2#page1.tif source=ASSN2#page2.tif source=ASSN2#page3.tif

502725099 PATENT REEL: 032455 FRAME: 0649

RECORDATION FORM COVER SHEET PATENTS ONLY

Atty Ref/Docket No.: 3404.009US1 Patent and Trademark Office To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Name: Tzung-I Lee, Alan Pasion, Vaneet Pathak, Name: Rayspan Corporation Norberto Lopez, Ajay Gummalla Street Address: 11975 El Camino Real, Suite 301 Additional name(s) of conveying party(ies) attached? City: San Diego State: California, 92130 []Yes [X]No 3. Nature of conveyance: Additional name(s) & address(es) attached? []Yes [X]No [X] Assignment [] Merger [] Security Agreement[] Change of Name [] Other Execution Date(s): March 17, 2010; March 16, 2010; March 17, 2010; March 23, 2010; March 16, 2010 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) B. Patent No.(s) 13/021,027 Additional numbers attached? []Yes [X]No 6. Total number of applications and patents involved: 1 5. Name and address of party to whom correspondence concerning document should be mailed: 7. Total fee (37 CFR 3.41):\$ <u>0.00</u> Name: Timothy J. Christman []Enclosed [Authorized to be charged to deposit account Address: 19-0743 Schwegman, Lundberg & Woessner, P.A. P.O. Box 2938 8. Please charge any additional fees or credit any over Minneapolis, MN 55402--0938 payments to our Deposit Account No.: 19-0743 DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. March 17, 2014 Timothy J. Christman/Reg. No. 59,481 Name of Person Signing Signature Date Total number of pages including cover sheet: ³ Mail documents to be recorded with required cover sheet information to:

Mail documents to be recorded with required cover sheet information to Commissioner of Patents and Trademarks

Mail Stop Assignment Recordation Services

P.O. Box 1450

Alexandria, VA 22313-1450

PATENT REEL: 032455 FRAME: 0650 ASSIGNMENT

For valuable consideration, we, Tzung-I Lee, of San Diego, CA; Alan Pasion, of San

Diego, CA; Vaneet Pathak, of San Diego, CA; Norberto Lopez, of San Diego, CA; and Ajay

Gummalla, of San Diego, CA hereby assign to RAYSPAN CORPORATION, a corporation of

Delaware, having a place of business at 11975 El Camino Real, Suite 301, San Diego, CA 92130,

and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title

and interest throughout the world in the inventions and improvements which are subject of an

application for United States Patent signed by us, entitled Multi-Elevated and Distributed

Metamaterial Antenna Device, filed March 5, 2010, and assigned U.S. Serial Number 61/311,206,

and we authorize and request the attorneys appointed in said application to hereafter complete this

assignment by inserting above the filing date and serial number of said application when known;

this assignment including said application, any and all United States and foreign patents, utility

models, and design registrations granted for any of said inventions or improvements, and the right

to claim priority based on the filing date of said application under the International Convention for

the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent

Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all

countries in our name or in its own name for patents, utility models, design registrations and like

rights of exclusion and for inventors' certificates for said inventions and improvements; and we

agree for ourselves and our respective heirs, legal representatives and assigns, without further

compensation to perform such lawful acts and to sign such further applications, assignments,

Preliminary Statements and other lawful documents as the Assignee may reasonably request to

effectuate fully this assignment.

Rayspan Docket No.: 0056US-PV2

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REEL: 032455 FRAME: 0651

Full name of inventor: Tzung-I Lee
Inventor's signature: $\sqrt{3/17/10}$
Date: 3/17/10
Full name of inventor: Alan Pasion
Inventor's signature: Date: 3/16/10
Date:3/16/10
Full name of inventor: Vaneet Pathak
Inventor's signature: $\sqrt{3/17/10}$
Date: 03/17/10
Full name of inventor: Norberto Lopez
Inventor's signature:
Date: 3/23/10
Full name of inventor: Ajay Gummalla
Inventor's signature: L. V hay chad Date: 03/16/10
Date: 03/16/10

Rayspan Docket No.: 0056US-PV2

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