PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Ajay Gummalla	03/17/2008
Marin Stoytchev	03/17/2008
Maha Achour	03/17/2008
Gregory Poilasne	03/17/2008

RECEIVING PARTY DATA

Name:	Rayspan Corporation
Street Address:	11975 El Camino Real
Internal Address:	301
City:	San Diego
State/Country:	CALIFORNIA
Postal Code:	92130

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12849623

CORRESPONDENCE DATA

Fax Number: (858)259-9568

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 8582599596

Email: intellectualproperty@rayspan.com

Correspondent Name: Rayspan Corporation
Address Line 1: 11975 El Camino Real

Address Line 2: 301

501253158

Address Line 4: San Diego, CALIFORNIA 92130

ATTORNEY DOCKET NUMBER: 0007US-CT1

NAME OF SUBMITTER: Jennifer Jarrell

PATENT REEL: 024790 FRAME: 0099 OP \$40.00 12849623

Total Attachments: 3

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> PATENT REEL: 024790 FRAME: 0100

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Ajay Gummalla, et al.

Serial No. : 12/849,623 Attorney Docket No. : 0007US-CT1 Filed : 08/03/2010

Title : METAMATERIAL ANTENNA ARRAY WITH RADIATION

PATTERN SHAPING AND BEAM SWITCHING

MAIL STOP ASSIGNMENT RECORDATION SERVICES

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Date: August 3, 2010

REQUEST TO RECORD CONTINUATION APPLICATION ASSIGNMENT

In accordance with MPEP § 306, it is hereby requested that the attached assignment be applied to and recorded against U.S. Application Serial Number 12/849,623 entitled "METAMATERIAL ANTENNA ARRAY WITH RADIATION PATTERN SHAPING AND BEAM SWITCHING" filed August 3, 2010.

U.S. Application Serial Number 12/849,623 is a continuation of U.S. Serial Number 12/050,107, filed March 17, 2008, which was conveyed via a prior assignment by Ajay Gummalla, of San Diego, California; Maha Achour, of Encinitas, California; Marin Stoytchev, of San Diego, California; and Gregory Poilanse of El Cajon, California to RAYSPAN CORPORATION, a corporation of California, having a place of business at 11975 El Camino Real, Suite 301, San Diego, California, 92130. The prior assignment, attached herewith, was recorded by the United States Patent and Trademark Office's Assignment Division at Reel/Frame 022171/0131 on June 3, 2008.

Respectfully submitted.

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Reg. No. 42,589

PATENT REEL: 024790 FRAME: 0101

Attorney Docket No.: 20784-007001

ASSIGNMENT

For valuable consideration, we, Ajay Gummalla, of San Diego, California; Marin Stoytchev, of Chandler, Arizona; Maha Achour, of San Diego, California; Gregory Poilasne, of El Cajon, California; 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 METAMATERIAL ANTENNA ARRAYS WITH RADIATION PATTERN SHAPING AND BEAM SWITCHING, filed March 17,2008, and assigned U.S. Serial Number 12/050,107, 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.

DATE: <u>03/17/08</u>	AJAY GUMMALLA
DATE:	MARIN STOYTCHEV
DATE: <u>03/17/08</u>	MAHA ACHOUR
DATE: 03/17/08	OREGONY POILASNE

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Attorney Docket No.: 20784-007001

ASSIGNMENT

For valuable consideration, we, Ajay Gummalla, of San Diego, California; Marin Stoytchev, of Chandler, Arizona; Maha Achour, of San Diego, California; Gregory Poilasne, of El Cajon, California; hereby assign to <u>RAYSPAN CORPORATION</u>, 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 METAMATERIAL ANTENNA ARRAYS WITH RADIATION PATTERN SHAPING AND BEAM SWITCHING, filed March 17,2008, and assigned U.S. Serial Number 12/050,107, 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.

DATE:	
	AJAY GUMMALLA
DATE: March 17, 2008	MW/2 Stoytcher MARIN STOYTCHEV
DATE:	MAHA ACHOUR
DATE:	GREGORY POILASNE
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PATENT REEL: 024790 FRAME: 0103