

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
Maha Achour		01/19/2009
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:	12272781	
CORRESPONDENCE DATA		
Fax Number:	(877)769-7945	
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>		
Phone:	(858) 678-5070	
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Correspondent Name:	Bing Ai	
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Address Line 2:	P.O.BOX 1022	
Address Line 4:	MINNEAPOLIS, MINNESOTA 55440-1022	
ATTORNEY DOCKET NUMBER:	20784-0011001	
NAME OF SUBMITTER:	Jennifer H. Payne	
Total Attachments: 1 source=20784-0011001_Assignment#page1.tif		

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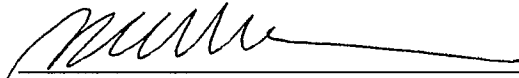
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PATENT
REEL: 022155 FRAME: 0974

ASSIGNMENT

For valuable consideration, I, Maha Achour, of San Diego, California; hereby assign to RAYSPAN CORPORATION, a corporation of Delaware, having a place of business at 11975 El Camino Real, Suite 301, San Diego, California 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 me, entitled *FILTER DESIGN METHODS AND FILTERS BASED ON METAMATERIAL STRUCTURES*, filed November 17, 2008, and assigned U.S. Serial Number 12/272,781, 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 I authorize the Assignee to apply in all countries in my 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 I agree for me and my 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: Y19/2009


MAHA ACHOUR