

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Michael B. Propp	09/27/2002
Khaled Saab	09/27/2002
RECEIVING PARTY DATA	
Name:	Adaptive Networks, Inc.
Street Address:	94 Wells Avenue
City:	Newton
State/Country:	MASSACHUSETTS
Postal Code:	02459
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12471146
CORRESPONDENCE DATA	
Fax Number:	(877)769-7945
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	202-783-5070
Email:	apsi@fr.com
Correspondent Name:	David A. Jordan
Address Line 1:	FISH & RICHARDSON P.C.
Address Line 2:	P.O.BOX 1022
Address Line 4:	MINNEAPOLIS, MINNESOTA 55440-1022
ATTORNEY DOCKET NUMBER:	09539-0009002
NAME OF SUBMITTER:	Arlene F. Yates

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Total Attachments: 3
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**PATENT
 REEL: 022877 FRAME: 0071**

ASSIGNMENT

For valuable consideration, we, MICHAEL B. PROPP of 77 Rawson Road, Brookline, Massachusetts 02445, and KHALED SAAB of 4 Liberty Place, Randolph, Massachusetts 02368-3726, hereby assign to Adaptive Networks, Inc., a Massachusetts corporation having a place of business at 94 Wells Avenue, Newton, MA 02459; 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 a United States provisional patent application, entitled VARYING LOAD AND MODULATION APPLIED TO EACH OF MULTIPLE FREQUENCY SUBCHANNELS BASED ON ANTICIPATED ATTENUATION EXPERIENCED BY THOSE SUBCHANNELS, filed August 31, 2001, and assigned U.S. Serial Number 60/315,950, 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 and applications, 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.

PATENT

REEL: 022877 FRAME: 0073

IN WITNESS WHEREOF, I hereto set my hand and seal at 94 Wells Ave, Newton, MA 02459
this 27th day of September, 20 02
Michael Propp L.S.
MICHAEL B. PROPP

Signature witnessed by:

9/27/02
Date

WITNESS: [Signature]
Printed Name: DONALD ORRILL
Address: 94 Wells Ave
Newton, MA 02459

9/27/02
Date

WITNESS: [Signature]
Printed Name: CHRISTINE HART
Address: 94 Wells Ave
Newton, MA 02459

IN WITNESS WHEREOF, I hereto set my hand and seal at 94 Wells Ave, Newton, MA 02459
this 27th day of September, 2002
[Signature] L.S.
KHALED SAAB

Signature witnessed by:

9/27/02
Date

WITNESS: [Signature]
Printed Name: Jerald M. Lipson
Address: 94 Wells Ave.
Newton, MA 02459

9/27/02
Date

WITNESS: [Signature]
Printed Name: CHRISTINE HARTÉ
Address: 94 Wells Ave.
Newton, MA 02459.

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