FORM PTO-1619A Expires 06/30/99 OMB 0651-0027

02-21-2002



U.S. Department of Commerce Patent and Trademark Office

PATENT

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TO: The Commissioner of Patents and Trade	marks: Please record the attached o	riginal document(s) or	copy(ies).
Submission Type	Conveyance Type		, i
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Resubmission (Nor-Recordation)	License	Change of Name	
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Correction of PTO Error	Merger	Other	
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Corrective Document	(For Use ONLY b	y U.S. Government Agencies)	
Reel # Frame #	Departmental	File Secret	File
Conveying Party(ies)	Mark if additional names of conv	eying parties	Execution Date
Name (line 1) Lance R. Reidhead	attached		Month Day Year 02 07 2002
			02 07 2002
Name (line 2) Walt Evanyk			02 07 2002
Name (line 3)			
,			
Receiving Party	Mark if additional names of receive	ving parties	
Name (line 1) Advent Networks, Inc.	attached		If document to be recorded
			is an assignment and the receiving party is not
Name (line 2)			domiciled in the United States, an appointment
Address (line 1) 9600 Great Hills Trail			of a domestic representative is attached.
9000 Great Hills Trail			(Designation must be a
Address (line 2) Suite 300E			separate document from Assignment.)
Address (i. a)			
Address (line 3) Austin	TX State/Country	78759	
Domestic Representative Name an	d Address Enter for the fi	Zip Code rst Receiving Party only.	
Name			
Address (line 1)			
Address (line 2)			
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Public burden reporting for this collection of information is document and gathering the data needed to complete the C information Officer, Washington, D.C. 20231 and to the Offic	over Sheet. Send comments regarding this burden esti	mate to the U.S. Patent and Trader	mark Office, Chief
0027) Washington D.C. 20502 Can OMP Information Called	the Destruct Destruction and Regulatory Alians, Office of Maria	Sement and Dunger, FaherWORK K	ennenou Linlact (nggl-

RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to: Commissioner of Patents and Trademarks, Box Assignments , Washington, D.C. 20231

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PATENT REEL: 012582 FRAME: 0674

FORM PTO-1619B Expires 06/30/99 OMB 0651-0027	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT
Correspondent Name an	d Address Area Code and Telephone Number	(512) 241-8080
Name Irene M. Wil	liams	
Address (line 1) Advent Netw	orks, Inc.	
Address (line 2) 9600 Great H	lills Trail	
Address (line 3) Suite 300E		
Address (line 4) Austin, TX 7	8759	
Pages Enter the total including any	number of pages of the attached conveyance document attachments	# 3
Patent Application If this document is being filed together signed by the first named executing in the patent Cooperation Treat Enter PCT application number only if a U.S. Application Number as not been assigned.	pplication Number or the Patent Number (DO NOT ENTER BOTH numbers on Number(s) Patent Number with a new Patent Application, enter the date the patent application was enventor. PCT PCT PCT	s for the same property). umber(s)
Fee Amount		40.00
Method of Payment: Deposit Account	Enclosed Deposit Account Dunt or if additional fees can be charged to the account.)	50-1469
	Authorization to charge additional fees: Yes	No
Statement and Signature		
	owledge and belief, the foregoing information is true a se copy of the original document. Charges to deposit a sed herein.	
Gary R. Stanford	Dary Stanford	February 7, 2002
Name of Person Signing	Signature	Date:

PATENT REEL: 012582 FRAME: 0675

ASSIGNMENT

As a below named inventor or joint inventor of an invention entitled:

RADIO FREQUENCY CHARACTERIZATION OF CABLE PLANT AND CORRESPONDING CALIBRATION OF COMMUNICATION EQUIPMENT COMMUNICATING VIA THE CABLE PLANT

for which I have executed an application for Letters Patent of the United States of America, filed concurrently herewith, and

WHEREAS ADVENT NETWORKS, INC., a Delaware Corporation having offices at 9600 Great Hills Trail, Suite 300E, Austin, Texas 78759 ("Assignee"), is desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application in the United States of America and in any and all countries foreign thereto;

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I have sold, assigned, transferred, and set over, and by these presents do hereby sell, assign, transfer and set over, unto said ADVENT NETWORKS, INC., its successors, legal representatives, and assigns, my entire right, title and interest in, to, and under the said invention, and the said application, and all divisional, renewal, substitutional, and continuation applications thereof, and all Letters Patent of the United States of America which may be granted thereof and all reissues and extensions hereof, and all applications for Letters Patent which may be filed for said invention in any country or countries foreign to the United States of America, including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention, all rights to register said invention in appropriate registries, and all Letters Patent which may be granted for said invention in any country or countries foreign to the United States of America, and all extensions, renewals, and reissues thereof, and I hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America, and any official of any country or countries foreign to the United States of America, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said invention to said ADVENT NETWORKS, INC., its successors, legal representatives, and assigns, in accordance with the terms of this instrument.

And I hereby covenant that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

And I hereby further covenant and agree that I will communicate to ADVENT NETWORKS, INC., its successors, legal representative, and assigns, any fact known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisions, renewal, substitutional, continuing, and reissue applications, make all rightful declarations and/or oaths and generally do everything possible to aid said

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PATENT REEL: 012582 FRAME: 0676

PATENT ATTORNEY DOCKET NO. – ADVE:0027

ADVENT NETWORKS, INC., its successors, legal representatives, and assigns, to obtain and enforce proper patent protection for said invention in all countries.

IN TESTIMONY WHEREOF, I authorize and affirm said assignment with the signatures set forth below on the indicated date(s).

INVENTOR: Lance R. Reidhead

Citizenship: U.S.A. County of Residence: Travis

Residence: 4507B Smooth Oak Drive

Austin, Texas 78759

Executed this 7⁴⁹ day of February, 2002.

Jan R Rudlat.
Lance R. Reidhead

State of Texas
County of Travis

Before me personally appeared Lance R. Reidhead and acknowledged the foregoing instrument to be his free act and deed this Aday of February, 2002.

Notary Public in and for the State of Texas

LOTUS N. BOWMAN
Notary Public, State of Texas
My Commission Expires
JULY 10, 2002

PATENT ATTORNEY DOCKET NO. - ADVE:0027

INVENTOR:

Walt Evanyk

Citizenship:

U.S.A.

County of Residence:

Collin

Residence:

3200 Sherrye Drive

Plano, Texas 75074-7693

Executed this 7TH day of FEBRUARY

State of Texas

8 8 8

County of Travis

Before me personally appeared Walt Evanyk and acknowledged the foregoing instrument to be his free act and deed this the day of February, 2002.

Notary Public in and for the State of

Texas

LOTUS N. BOWMAN

Notary Public, State of Texas My Commission Expires JULY 10, 2002

RECORDED: 02/07/2002