## 491276

-CH \$1160.0

### Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Blonder Tongue Investment Company	09/12/2006

#### RECEIVING PARTY DATA

Name:	Moonbeam L.L.C.	
Street Address:	103 Springer Building, 3411 Silverside Road	
City:	Wilmington	
State/Country:	DELAWARE	
Postal Code:	19810	

#### PROPERTY NUMBERS Total: 29

PATENT "REEL: 019084 FRAME: 0336

500249413

Patent Number:	4963966
Patent Number:	5194947
Patent Number:	5243647
Patent Number:	5243651
Patent Number:	5251220
Patent Number:	5265160
Patent Number:	5278908
Patent Number:	5311325
Patent Number:	5604528
Patent Number:	5317635
Patent Number:	5331412
Patent Number:	5341424
Patent Number:	5361301
Patent Number:	5436822

#### **CORRESPONDENCE DATA**

**Total Attachments: 17** 

Fax Number: (206)624-7317

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

Phone: 206-332-1380

Email: cmcknight@woodcock.com

Correspondent Name: Chelsey McKnight

Address Line 1: Cira Centre 2929 Arch St.

Address Line 4: Philadelphia, PENNSYLVANIA 19104

ATTORNEY DOCKET NUMBER:	IVMB-0001
NAME OF SUBMITTER:	Chelsey L. McKnight

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PATENT REEL: 019084 FRAME: 0338

#### ASSIGNMENT OF PATENT RIGHTS

For good and valuable consideration, the receipt of which is hereby acknowledged, Blonder Tongue Investment Company, a Delaware corporation, having offices at 300 Delaware Avenue, Wilmington, Delaware 19801, ("Assignor"), does hereby sell, assign, transfer, and convey unto Moonbeam L.L.C., a Delaware limited liability company, having an office at 103 Springer Building, 3411 Silverside Road, Wilmington, Delaware 19810 ("Assignee"), or its designees, all right, title, and interest that exist today and may exist in the future in and to any and all of the following (collectively, the "Patent Rights"):

- (a) the provisional patent applications, patent applications and patents listed in the table below (the "Patents");
- (b) all patents and patent applications (i) to which any of the Patents directly or indirectly claims priority, (ii) for which any of the Patents directly or indirectly forms a basis for priority, and/or (iii) that directly or indirectly incorporate by reference the Patents or are directly or indirectly incorporated by reference by the Patents;
- (c) all reissues, reexaminations, extensions, continuations, continuations in part, continuing prosecution applications, requests for continuing examinations, divisions, registrations of any item in any of the foregoing categories (a) and (b);
- (d) all foreign patents, patent applications, and counterparts relating to any item in any of the foregoing categories (a) through (c), including, without limitation, certificates of invention, utility models, industrial design protection, design patent protection, and other governmental grants or issuances;
- (e) all items in any of the foregoing in categories (b) through (d), whether or not expressly listed as Patents below and whether or not claims in any of the foregoing have been rejected, withdrawn, cancelled, or the like;
- (f) all inventions, invention disclosures, and discoveries described in any item in any of the foregoing categories (a) through (e) and all other rights arising out of such inventions, invention disclosures, and discoveries;
- (g) all rights to apply in any or all countries of the world for patents, certificates of invention, utility models, industrial design protections, design patent protections, or other governmental grants or issuances of any type related to any item in any of the foregoing categories (a) through (f), including, without limitation, under the Paris Convention for the Protection of Industrial Property, the International Patent Cooperation Treaty, or any other convention, treaty, agreement, or understanding;
- (h) all causes of action (whether known or unknown or whether currently pending, filed, or otherwise) and other enforcement rights under, or on account of, any of the

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Patents and/or any item in any of the foregoing categories (b) through (g), including, without limitation, all causes of action and other enforcement rights for

- (i) damages,
- (ii) injunctive relief, and
- (iii) any other remedies of any kind

for past, current, and future infringement; and

(i) all rights to collect royalties and other payments under or on account of any of the Patents and/or any item in any of the foregoing categories (b) through (h).

			Title of Patent and First
Patent or Application No.	Country	Filing Date	Named Inventor
4,912,760	US	03/10/1988	OFF-PREMISES CABLE
			TELEVISION CHANNEL
			INTERDICTION METHOD
			AND APPARATUS
1			Lamar E. West
CA1334444	CA	03/09/1989	OFF-PREMISES CABLE
	·		TELEVISION CHANNEL
			INTERDICTION METHOD
			AND APPARATUS
			Lamar E. West
EP0403570	IT	03/10/1989	OFF-PREMISES CABLE
220102010			TELEVISION CHANNEL
			INTERDICTION METHOD
			AND APPARATUS.
			Lamar E. West
MX19890015219	MX	3/10/1989	
		7 L	David P. Durand
5,014,309	US	12/05/1988	OFF-PREMISES CABLE
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			TELEVISION CHANNEL
			INTERDICTION METHOD
·			AND APPARATUS
			Lamar E. West
CA2003698	CA	11/23/1989	OFF-PREMISES CABLE
			TELEVISION CHANNEL
			INTERDICTION METHOD

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			Title of Patent and First
Patent or Application No.	<b>Country</b>	Filing Date	Named Inventor
			AND APPARATUS
,			
			Lamar E. West
EP446280	BE	12/04/1989	OFF-PREMISES CABLE
EP440280	DE	12/04/1909	TELEVISION CHANNEL
		1	
			INTERDICTION METHOD
			AND APPARATUS.
			Lamar E. West
DE68923294	DE	12/04/1989	
			Lamar E. West
EP0446280	FR	12/04/1989	OFF-PREMISES CABLE
131 0440280	IX	12/04/1707	TELEVISION CHANNEL
			INTERDICTION METHOD
			AND APPARATUS.
			Lamar E. West
EP0446280	NL	12/04/1989	OFF-PREMISES CABLE
			TELEVISION CHANNEL
			INTERDICTION METHOD
		·	AND APPARATUS.
			Lamar E. West
EP0446280	SE	12/04/1989	OFF-PREMISES CABLE
EP0440280	SE	12/04/1909	TELEVISION CHANNEL
			INTERDICTION METHOD
·			AND APPARATUS.
			Lamar E. West
JP01-501332	JP	12/04/1989	
KR19900071692	KR	12/04/1989	OFF PREMISES CABLE
			TELEVISION CHANNEL
			INTERDICTION METHOD
			AND APPARATUS
,			
			Lamar E. West
MV1000010560	MX	12/04/1989	Dulliul D. 11 cot
MX19890018562	IVIA	12/04/1707	
			I amount Work
		10/04/1000	Lamar E. West
CN19890109167	CN	12/04/1989	OFF PREMISES CABLE
			TELEVISION CHANNEL

			<b>Title of Patent and First</b>
Patent or Application No.	<b>Country</b>	Filing Date	Named Inventor
			INTERDICTION METHOD
			AND APPARATUS
			. [
			Lamar E. West
CA2031603	CA	12/04/1989	CATV SUBSCRIBER
			DISCONNECT SWITCH
·	-		
			James O. Farmer
5,142,574	US	12/06/1989	OPTIMUM AMPLITUDE
			AND FREQUENCY OF
			JAMMING CARRIER IN
			INTERDICTION PROGRAM
			DENIAL SYSTEM
			Lamar E. West
CA2071500	CA	12/06/1990	OPTIMUM AMPLITUDE
			AND FREQUENCY OF
·			JAMMING CARRIER IN
			INTERDICTION PROGRAM
·			DENIAL SYSTEM
			Lamar E. West
CN35443	CN	12/06/1990	OPTIMUM AMPLITUDE
C1\55445		12/00/1990	AND FREQUENCY OF
			JAMMING CARRIER IN
			INTERDICTION PROGRAM
			DENIAL SYSTEM
			Lamar E. West
5,208,854	US	12/06/1989	PICTURE CARRIER
			CONTROLLED
			AUTOMATIC GAIN
			CONTROL CIRCUIT FOR
			CABLE TELEVISION
			INTERDICTION OR
			JAMMING APPARATUS
			T T . XX /
		10/05/1000	Lamar E. West
CA2071501	CA	12/05/1990	PICTURE CARRIER
			CONTROLLED
			AUTOMATIC GAIN
	1		CONTROL CIRCUIT FOR

			<b>Title of Patent and First</b>
Patent or Application No.	Country	Filing Date	Named Inventor
			CABLE TELEVISION
			INTERDICTION OR
			JAMMING APPARATUS
			Lamar E. West
KR19920071353D	ΚR	12/05/1990	PICTURE CARRIER
			CONTROLLED
			AUTOMATIC GAIN
			CONTROL CIRCUIT FOR
			CABLE TELEVISION
			INTERDICTION OR
			JAMMING APPARATUS
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			Lamar E. West
KR19920701352T	KR	12/05/1990	OPTIUM AMPLITUDE AND
			FREQUENCY OF JAMMING
			CARRIER IN
			INTERDICTION PROGRAM
			DENIAL SYSTEM
			Lamar E. West
KR19910071276D	KR	10/05/1991	INTERDICTION METHOD
			AND APPARATUS WITH
			VARIABLE DWELL TIME
			Lamar E. West
5,287,539	US	02/21/1990	INTERDICTION PROGRAM
			DENIAL SYSTEM FOR
			JAMMING AUDIO AND
			VIDEO SIGNALS
			Lamar E. West
CA2051415	CA	02/06/1991	INTERDICTION METHOD
			AND APPARATUS WITH
·			VARIABLE DWELL TIME
			Lamar E. West
CA2036348	CA	02/14/1991	INTERDICTION PROGRAM
			DENIAL SYSTEM FOR
			JAMMING AUDIO AND
			VIDEO SIGNALS

	<b>a</b>	TESTE TO A	Name of Patent and First
Patent or Application No.	Country	Filing Date	Named Inventor
			Lamar E. West
5,245,420	US	11/27/1990	CATV PAY PER VIEW
			INTERDICTION SYSTEM
			Michael Harney
AT300152	AT	11/26/1991	
**			
			Michael Harney
EP0559802	BE	11/26/1991	CATV PAY PER VIEW
21 000 002			INTERDICTION SYSTEM
			METHOD AND
			APPARATUS.
			ANTANCATOD.
			Michael Harney
EP0559802	CH	11/26/1991	CATV PAY PER VIEW
EP0559802	CH	11/20/1991	INTERDICTION SYSTEM
			METHOD AND
			APPARATUS.
			Mishaal IIIamaa
		11/06/1001	Michael Harney
DE69133475	DE	11/26/1991	CATV PAY PER VIEW
			INTERDICTION SYSTEM
			METHOD AND
			APPARATUS
			Michael Harney
DK559802	DK	11/26/1991	CATV PAY PER VIEW
			INTERDICTION SYSTEM
			AND APPARATUS
			Michael Harney
EP0559802	ES	11/26/1991	CATV PAY PER VIEW
			INTERDICTION SYSTEM
			METHOD AND
			APPARATUS.
·			Michael Harney
EP0559802	FR	11/26/1991	CATV PAY PER VIEW
	1		INTERDICTION SYSTEM
			METHOD AND
			APPARATUS.

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			Title of Patent and First
Patent or Application No.	<b>Country</b>	Filing Date	Named Inventor
			Michael Harney
EP0559802	GB	11/26/1991	CATV PAY PER VIEW
IA 0337002		**/=0/*>>	INTERDICTION SYSTEM
			METHOD AND
			APPARATUS.
			AFFARATUS.
			3.4° 1 177
		11/2 1/4 004	Michael Harney
EP0559802	GR	11/26/1991	CATV PAY PER VIEW
			INTERDICTION SYSTEM
			METHOD AND
			APPARATUS.
·			Michael Harney
EP0559802	IT	11/26/1991	CATV PAY PER VIEW
			INTERDICTION SYSTEM
			METHOD AND
		· 	APPARATUS.
	1.		Michael Harney
EP0559802	CH/LI	11/26/1991	CATV PAY PER VIEW
E1 0337002		11, 20, 122	INTERDICTION SYSTEM
			METHOD AND
			APPARATUS.
·			THE PROPERTY OF
			Michael Harney
EP0559802	LU	11/26/1991	CATV PAY PER VIEW
EP0559802	LU	11/20/1771	INTERDICTION SYSTEM
			METHOD AND
			APPARATUS.
			APPARATUS.
			Michael Harney
TDD0550000	NIT	11/26/1001	CATV PAY PER VIEW
EP0559802	NL	11/26/1991	INTERDICTION SYSTEM
		,	METHOD AND
			APPARATUS.
			Michael Harney
TD0550000	OT:	11/06/1001	CATV PAY PER VIEW
EP0559802	SE	11/26/1991	
			INTERDICTION SYSTEM
			METHOD AND
			APPARATUS.

			Title of Patent and First
Patent or Application No.	<b>Country</b>	Filing Date	Named Inventor
			Michael Harney
2097084	CA	11/26/1991	CATV PAY PER VIEW
			INTERDICTION SYSTEM
	1		METHOD AND
			APPARATUS.
			Michael Harney
EP0917366	ES	11/26/1991	CATV PAY PER VIEW
EF0917300	LDS	11/20/1991	INTERDICTION SYSTEM
			AND APPARATUS.
			AND APPARATUS.
			Mi shool Homov
770017066	IDD	11/06/1001	Michael Harney CATV PAY PER VIEW
EP0917366	FR	11/26/1991	
			INTERDICTION SYSTEM
			AND APPARATUS.
			Michael Hamov
	(CD)	11/06/1001	Michael Harney
EP0917366	GB	11/26/1991	CATV PAY PER VIEW
			INTERDICTION SYSTEM
			AND APPARATUS.
			Michael Hamor
	TO	11/06/1001	Michael Harney
EP0917366	IT	11/26/1991	CATV PAY PER VIEW
			INTERDICTION SYSTEM
			AND APPARATUS.
			Mi-h-al Homes
T-D-004 #0 ( (	de la companya de la	11/06/1001	Michael Harney CATV PAY PER VIEW
EP0917366	SE	11/26/1991	
			INTERDICTION SYSTEM
			AND APPARATUS.
i			Michael Harney
TTT: 1,000,011,570,7	IIIZ	12/20/1000	CATV PAY PER VIEW
HK19980115787	HK	12/28/1998	
			INTERDICTION SYSTEM
			METHOD AND
			APPARATUS CATV
			Michael Harney
TTZ 1 00001 05222	TIV	12/29/1009	CATV PAY PER VIEW
HK19990105332	HK	12/28/1998	
			INTERDICTION SYSTEM
1			AND APPARATUS.

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	<b>~</b>	THE TO A	Name of Patent and First
Patent or Application No.	<u>Country</u>	Filing Date	Named Inventor
			Michael Harney
5,144,267	US	11/28/1990	VARIABLE SLOPE
			NETWORK FOR OFF-
			PREMISES CATV SYSTEM
			Lamar E. West
5,231,660	US	11/28/1990	COMPENSATION
<b>5,25 1,</b> 550			CONTROL FOR OFF-
			PREMISES CATV SYSTEM
			Lamar E. West
5,345,504	US	11/28/1990	DIFFERENTIAL
3,343,304	US	11/20/1990	COMPENSATION
			CONTROL FOR OFF-
·			PREMISES CATV SYSTEM
			Lamar E. West
5 202 205	US	05/20/1992	ENHANCED VERSATILITY
5,303,295	US	03/20/1992	OF A PROGRAM CONTROL
			BY A COMBINATION OF
		·	
-			TECHNOLOGIES
			Lamar E. West
5 000 541	US	06/10/1992	INTERDICTION METHOD
5,289,541	US	00/10/1992	AND APPARATUS WITH
			CONSTANT BLANKING
			AND VARIAABLE DWELL
			TIMES
			Mark E. Schutte
5 202 462	TIC	11/12/1992	CATV SUBSCRIBER
5,323,462	US	11/12/1992	DISCONNECT SWITCH
			DISCONNECT SWITCH
			James O. Farmer
5 467 207	US	12/16/1992	INTERDICTION METHOD
5,467,397	US	12/10/1992	AND APPARATUS WITH
			VARIABLE DWELL TIME
			VARIABLE DWELL TIME
			Lamar E. West
5 462 680	US	09/02/1993	INTERDICTION METHOD
5,463,689	US	03/04/1333	AND APPARATUS WITH
			RANDOM MODE
			KANDOWI WIODE

Title of Patent	and	First
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75 / A 10 /0 76.7	<b>C</b>	T2111 TD - 4-	Named Inventor
Patent or Application No.	Country	Filing Date	Named Inventor
			JAMMING
			Mark E. Schutte
5,505,901	US	03/25/1994	CATV PAY PER VIEW
			INTERDICTION SYSTEM
			METHOD AND
			APPARATUS
			AFFARATUS
			75.4
			Michael P. Harney
4,963,966	US	12/04/1989	CATV DISTRIBUTION
			SYSTEM, ESPECIALLY
			ADAPTED FOR OFF-
			PREMISES PREMIUM
			CHANNEL INTERDICTION
			Michael Harney
5.104.045	T TO	05/07/1990	APPARATUS FOR
5,194,947	US	03/0//1990	
			TAPPING CATV SIGNALS
			FROM A CABLE AND FOR
			CONTROLLING THE
			DISTRIBUTION
	·		
			Roy L. Lowcock
5,243,647	US	06/10/1992	METHOD AND
, 2,2,5,0,17			APPARATUS FOR
			BROADBAND SIGNAL
			DISTRIBUTION
			DISTRIBUTION
			Himanshu Parikh
	1.70	0.6/4.0/4.000	
5,243,651	US	06/10/1992	DIAGNOSTIC METHOD
		·	AND APPARATUS FOR A
			CABLE TELEVISION
			INTERDICTION SYSTEM
	1		
			Himanshu Parikh
5,251,220	US	11/28/1990	METHOD AND
0,201,220		11,20,100	APPARATUS FOR ERROR
			DETECTION AND
			PROCESSING
			N. 1 D. C. 1
			Mark E. Schutte
5,265,160	US	06/10/1992	INTERDICTION METHOD

			<b>Title of Patent and First</b>
Patent or Application No.	<b>Country</b>	Filing Date	Named Inventor
·			AND APPARATUS WITH
			PULSED MODE JAMMING
			Michael P. Harney
5,278,908	US	06/10/1992	INTERDICTION METHOD
3,270,500		00/10/12/2	AND APPARATUS WITH
	•		PROGRAMMABLE
			JAMMING
			EFFECTIVENESS
			III Devila
	1	0.6/1.0/1.000	Himanshu R. Parikh
5,311,325	US	06/10/1992	METHOD AND
			APPARATUS FOR
			PROVIDING PERIODIC
			SUBSCRIPTION
			TELEVISION SERVICES
			Robert J. Edwards
CA 2136957	CA	06/01/1993	METHOD AND
CIT 212030 ,		1	APPARATUS FOR
			PROVIDING PERIODIC
			SUBSCRIPTION
			TELEVISION SERVICES
			Robert J. Edwards
7777	TTT	10/04/1000	
HK 1014419	HK	12/24/1998	METHOD AND
			APPARATUS FOR
			PROVIDING PERIODIC
			SUBSCRIPTION TELEVISION SERVICES
			TELEVISION SERVICES
			Robert J. Edwards
AT 197658	AT	06/01/1993	METHOD AND
			APPARATUS FOR
			PROVIDING PERIODIC
			SUBSCRIPTION
			TELEVISION SERVICES
			Robert J. Edwards
EP0645068	BE	06/01/1993	METHOD AND
EF0045006	100	00/01/1993	APPARATUS FOR
			PROVIDING PERIODIC
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			Title of Patent and First
Patent or Application No.	<u>Country</u>	<u>Filing Date</u>	Named Inventor
			SUBSCRIPTION
			TELEVISION SERVICES
			Robert J. Edwards
EP0645068	CH/LI	06/01/1993	METHOD AND
DF0045008		00/01/1995	APPARATUS FOR
			PROVIDING PERIODIC
			SUBSCRIPTION
			TELEVISION SERVICES
			Robert J. Edwards
DE69329675	DE	06/01/1993	METHOD AND
			APPARATUS FOR
			PROVIDING PERIODIC
			SUBSCRIPTION
			TELEVISION SERVICES
			Robert J. Edwards
DK645068	DK	06/01/1993	METHOD AND
DK043008		00/01/1995	APPARATUS FOR
			PROVIDING PERIODIC
·			SUBSCRIPTION
			TELEVISION SERVICES
			IELEVISION SERVICES
			Data at I Diamania
	<del> </del>	0.5/04/4.000	Robert J. Edwards
ES 2153839	ES	06/01/1993	METHOD AND
			APPARATUS FOR
			PROVIDING PERIODIC
	:		SUBSCRIPTION
			TELEVISION SERVICES
·			
			Robert J. Edwards
EP0645068	FR	6/01/1993	METHOD AND
			APPARATUS FOR
			PROVIDING PERIODIC
			SUBSCRIPTION
			TELEVISION SERVICES
			TEND AIDIOIA DERCATORD
			Robert J. Edwards
TD0C450C0	CD	C/01/1002	
EP0645068	GB	6/01/1993	METHOD AND
			APPARATUS FOR
			PROVIDING PERIODIC

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			Title of Patent and First
Patent or Application No.	<b>Country</b>	Filing Date	Named Inventor
			SUBSCRIPTION
			TELEVISION SERVICES
		*	Robert J. Edwards
GD 2025225	CD	6/01/1993	METHOD AND
GR 3035385	GR	0/01/1993	APPARATUS FOR
·			PROVIDING PERIODIC
		,	SUBSCRIPTION
		·	TELEVISION SERVICES
			Robert J. Edwards
EP0645068	TE TE	6/01/1993	METHOD AND
EF0043008	1112	0/01/1993	APPARATUS FOR
·			
·			PROVIDING PERIODIC
			SUBSCRIPTION
			TELEVISION SERVICES
			Robert J. Edwards
EP0645068	IT	6/01/1993	METHOD AND
12 0043008	11	0/01/1995	APPARATUS FOR
			PROVIDING PERIODIC
			SUBSCRIPTION
			TELEVISION SERVICES
			Robert J. Edwards
EP0645068	LU	6/01/1993	METHOD AND
EF0043006	LU	0/01/1993	APPARATUS FOR
			PROVIDING PERIODIC
			SUBSCRIPTION
			TELEVISION SERVICES
			Robert J. Edwards
EP0645068	MC	6/01/1993	METHOD AND
121 00 12 000	1,20		APPARATUS FOR
			PROVIDING PERIODIC
			SUBSCRIPTION
			TELEVISION SERVICES
			LEFE AIRION REWATCES
			Robert J. Edwards
EP0645068	NL	6/01/1993	METHOD AND
		,	APPARATUS FOR
	1		PROVIDING PERIODIC

			<b>Title of Patent and First</b>
Patent or Application No.	Country	Filing Date	Named Inventor
			SUBSCRIPTION
			TELEVISION SERVICES
			Robert J. Edwards
EP0645068	PT	6/01/1993	METHOD AND
			APPARATUS FOR
			PROVIDING PERIODIC
			SUBSCRIPTION
			TELEVISION SERVICES
			Robert J. Edwards
EP0645068	SE	6/01/1993	METHOD AND
LI 0043000		0,01,1995	APPARATUS FOR
			PROVIDING PERIODIC
			SUBSCRIPTION
			TELEVISION SERVICES
			Robert J. Edwards
5,604,528	US	05/09/1994	METHOD AND
5,001,520		52, 52, 222 ,	APPARATUS FOR
			PROVIDING PERIODIC
			SUBSCRIPTION
			TELEVISION SERVICES
			Robert J. Edwards
5,317,635	US	06/10/1992	INTERDICTION METHOD
3,517,055		00,10,155	AND APPARATUS WITH
			MODE CONTROL FOR
			VARIABLE FREQUENCY
			ELEMENTS
			Ronald C. Stirling
5,331,412	US	07/09/1993	TAMPER RESISTANT
~ · · · · · · · · · · · · · · · · · · ·			APPARATUS FOR A CATV
			SYSTEM
			James O. Farmer
5,341,424	US	09/02/1993	INTERDICTION METHOD
0,271,727		05/02/15/5	AND APPARATUS WITH
			FREQUENCY CHANGE
			INHIBIT FUNCTION
			111111111111111111111111111111111111111

Patent or Application No.	Country	Filing Date	Named Inventor
			William B. Thatcher
5,361,301	US	09/02/1993	INTERDICTION METHOD
	İ		AND APPARATUS WITH
			DIRECT MEMORY
			CONTROL OF VARIABLE
			FREQUENCY ELEMENTS
	*		
		wante	Neil C. Robertson
5,436,822	US	07/31/1992	POLARITY REVERSING DC
			POWER SUPPLY FOR
			REMOTELY LOCATED
			EQUIPMENT
			T D XX
		7/00/1000	Lamar E. West
CA 2141441	CA	7/20/1993	POLARITY REVERSING DC POWER SUPPLY FOR
			REMOTELY LOCATED
			EQUIPMENT
			EQUITMENT
			Lamar E. West
EP0653115	GB	7/20/1993	POLARITY REVERSING DC
			POWER SUPPLY FOR
			REMOTELY LOCATED
		,)	EQUIPMENT
			Lamar E. West
HK1014617	HK	12/28/1998	POLARITY REVERSING DC
			POWER SUPPLY FOR
			REMOTELY LOCATED
			EQUIPMENT
		40/44/4000	Lamar E. West
NI-47899	TW	10/11/1989	
NI56478	TW	03/13/1990	

Assignor represents, warrants and covenants that:

(1) Assignor has the full power and authority, and has obtained all third party consents, approvals and/or other authorizations required to enter into this Agreement and to carry out its obligations hereunder, including the assignment of the Patent Rights to Assignee; and

(2) Assignor owns, and by this document assigns to Assignee, all right, title, and interest to the Patent Rights, including, without limitation, all right, title, and interest to sue for infringement of the Patent Rights. Assignor has obtained and properly recorded previously executed assignments for the Patent Rights as necessary to fully perfect its rights and title therein in accordance with governing law and regulations in each respective jurisdiction. The Patent Rights are free and clear of all liens, claims, mortgages, security interests or other encumbrances, and restrictions. There are no actions, suits, investigations, claims or proceedings threatened, pending or in progress relating in any way to the Patent Rights. There are no existing contracts, agreements, options, commitments, proposals, bids, offers, or rights with, to, or in any person to acquire any of the Patent Rights.

Assignor hereby authorizes the respective patent office or governmental agency in each jurisdiction to issue any and all patents, certificates of invention, utility models or other governmental grants or issuances that may be granted upon any of the Patent Rights in the name of Assignee, as the assignee to the entire interest therein.

Assignor will, at the reasonable request of Assignee and without demanding any further consideration therefor, do all things necessary, proper, or advisable, including without limitation, the execution, acknowledgment, and recordation of specific assignments, oaths, declarations, and other documents on a country-by-country basis, to assist Assignee in obtaining, perfecting, sustaining, and/or enforcing the Patent Rights. Such assistance will include providing, and obtaining from the respective inventors, prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, powers of attorney, specifications, declarations or other papers, and other assistance reasonably necessary for filing patent applications, complying with any duty of disclosure, and conducting prosecution, reexamination, reissue, interference or other priority proceedings, opposition proceedings, cancellation proceedings, public use proceedings, infringement or other court actions and the like with respect to the Patent Rights. With prior written approval by Assignee, Assignee will pay Assignor's reasonable costs and expenses.

The terms and conditions of this Assignment of Patent Rights will inure to the benefit of Assignee, its successors, assigns, and other legal representatives and will be binding upon Assignor, its successors, assigns, and other legal representatives.

[REMAINDER OF THIS PAGE INTENTIONALLY LEFT BLANK.]

,	on <u>9/12/01</u>	
	ASSIGNOR:	
	Blonder Tongue Investment Company	
	Name: JAMAS A. LUKSCH	<del></del>
	Name: A. Z. V.Z. S. C. Title: C.Z.O	<del></del>
	(Signature MUST be notarized)	
	•	
	117	
	STATE OF NJ ) ss. COUNTY OF Monmouth )	
	COUNTY OF MONMOUTH ; ss.	
	On <u>September 2,200</u> , before me, Notary Public in and for said State, personally	appeared James A. Luksch,
	personally known to me (or proved to me on the person whose name is subscribed to the within he/she executed the same in his/her authorized instrument the person, or the entity upon behaving trument.	n instrument and acknowledged to me that d capacity, and that by his/her signature on the
	person whose name is subscribed to the within he/she executed the same in his/her authorized instrument the person, or the entity upon beha instrument.	n instrument and acknowledged to me that d capacity, and that by his/her signature on the
	person whose name is subscribed to the within he/she executed the same in his/her authorized instrument the person, or the entity upon beha	n instrument and acknowledged to me that d capacity, and that by his/her signature on the
	person whose name is subscribed to the within he/she executed the same in his/her authorized instrument the person, or the entity upon beha instrument.  WITNESS my hand and official seal.	n instrument and acknowledged to me that d capacity, and that by his/her signature on the
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