mio 1-29-99

02-08-1999

FORM PTO-1595 RECOR		CET	U.S. DEPARTMENT OF COMMERCE
(Rev. 6-93) OMB No. 0651-0011 (exp. 4/94)	100959491		Patent and Trademark Office
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.			
Name of conveying part(ies):	2. Name and address	s of receiving party(i	ies)
Gordon Bremer	Name: Pa	aradyne Corporation	
Additional name(s) of conveying party(ies) attached? [] Yes [X] No			¥ 9 3 9 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
		545 126 Avenue, N. Largo, Florida 33773	
	Additional name(s) & ad	ldress(es) attached? [] Y	es [X] No
3. Nature of conveyance:			n =
[X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other:			
Execution Date: January 28, 1999			
4. Application number(s) or patent number(s):			
If this document is being filed together with a new applicat	tion, the execution date of the appli	ication is: January 2	29, 1999
A. Patent application No.	B. Patent No.(s)		
Additional numbers attached? [] Yes [X] No			
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of app	plications/patents in	volved: [1]
Scott A. Horstemeyer Thomas, Kayden, Horstemeyer & Risley, L.L.P. 100 Galleria Parkway, Suite 1500 Atlanta, Georgia 30339			
	7. Total fee (37 CFR	3.41) \$ 40.00 -	
/05/1999 JSHABAZZ 00000056 160255 09239636 FC:581 40.00 CH	[] Enclosed [X] Authorized to b	be charged to deposi	it account
	8. Deposit Account N	lumber:	
	16-0255 (Attach duplicate copy of	f this page if paying by D	Deposit Account)
DO	NOT USE THIS SPACE		
9. Statement and signature. To the best of my knowledge and belief, the foregoing informative copy of the original document. Scott A. Horstemeyer Typed Name Signature	rmation is true and correct and an	y attached copy is a	9

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments

Washington, D.C. 20231

PATENT REEL: 9739 FRAME: 0374

Docket No. 061606-1970

ASSIGNMENT AND AGREEMENT

For value received, I, Gordon Bremer, hereby sell, assign and transfer to Paradyne Corporation, a corporation of the State of Delaware, having an office at 8545 126th Avenue, N., Largo, Florida 33773, U.S.A., the entire right, title and interest, for the United States of America, in and to certain inventions described in U.S. Patent Application entitled METHOD AND APPARATUS FOR AUTOMATICALLY DETECTING AND MEASURING DISTORTION IN A DSL SYSTEM, filed herewith, and Serial No. to be Assigned (Attorney Docket No. 61606-1970), and all the rights and privileges in any application and under any and all patents that may be granted in the United States for said inventions, including all continuations, continuations in part, divisionals, reissues, and reexaminations; and I also concurrently hereby sell, assign and transfer to Paradyne Corporation the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application for said patent, and all the rights and privileges under any and all forms of protection, including patents, that may be granted in said countries foreign to the United States for said inventions.

I authorize Paradyne Corporation to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from myself, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Paradyne Corporation to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

I request that any and all patents for said inventions be issued to Paradyne Corporation in the United States and to Paradyne Corporation in all countries foreign to the United States, or to such nominees as they may designate.

I agree that, when requested, I shall, without charge to Paradyne Corporation but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable, or convenient in connection with the patent applications, patents, or other forms of protection of the above-referenced invention, and for the defense and protection thereof if challenged in the court of law.

PATENT

REEL: 9739 FRAME: 0375

Docket No.: 061606-1970

I authorize the insertion of the filing date and serial number above, if not known as of the date of execution of this Assignment and Agreement.

United States of America

State of Florida

County of Pinellas

RECORDED: 01/29/1999

On this 25 day of January 1979, before me personally came Gordon Bremer to me known to be the individual described above and who executed the foregoing instrument, or acknowledged execution of the same.

MY COMMISSION & CC663801 EXPIRES

October 18, 2001

My Commission Expires (Date)

2

PATENT REEL: 9739 FRAME: 0376