FORM PTO-1595 RECO 12-01	1-1998	EET	U.S. DEPARTMENT OF COMMER Patent and Trademark O			
OMB No. 0651-0011 (axp. 4/94)		-				
l ab settings □ □ □ V	10221		I documents or copy thereof.			
To the Honorable Commissioner of Patent 1009						
1. Name of conveying party(ies):	 Name and address of receiving party(ies) Name: <u>Vista Research</u>, Inc. 					
Alan A. Burns, Gary A. Hayter, Stephanie A. Griffin and Joseph W. Maresca			earch, Inc.			
Additional name(s) of conveying party(ies) attached?						
3. Nature of conveyance:	Non 5.	100) View Street			
🕰 Assignment 🖸 Merger	RK OFF Street Addres	s:				
Security Agreement Change of Name		in View	State: ZIP: <u>9404</u>			
Other			<u></u>			
Execution Date: <u>August</u> , 1998 Additional name(s) & address(es) attached? Q Yes XXNo						
4. Application number(s) or patent number(s):						
If this document is being filed together with a new applicatio	n, the execution date	e of the ap	plication is:			
A. Patent Application No.(s) 09/096,422	B. Patent No					
0)/0)0,722						
Additional numbers at	ttached? D Yes XX No					
Additional numbers at 5. Name and address of party to whom correspondence concerning document should be mailed:		of applicati	ions and patents involved:			
Additional numbers at 5. Name and address of party to whom correspondence	6. Total number		ions and patents involved: 1			
Additional numbers at 5. Name and address of party to whom correspondence concerning document should be mailed: David H. Jaffer	6. Total number					
5. Name and address of party to whom correspondence concerning document should be mailed: David H. Jaffer Name: Internal Address:Rosenblum, Parish & Isaacs	 6. Total number 7. Total fee (37 Total fee (37 	CFR 3.41)				
5. Name and address of party to whom correspondence concerning document should be mailed: David H. Jaffer Name: Internal Address: Isaacs	 6. Total number 7. Total fee (37 Total fee (37 	CFR 3.41)	<u>\$ 40.00</u>			
5. Name and address of party to whom correspondence concerning document should be mailed: David H. Jaffer Name: Internal Address:Rosenblum, Parish & Isaacs MPEOPLES 000000005 09096422 Street Address: Street Address:	 6. Total number 7. Total fee (37 ☎ Enclosed □ Authorized 8. Deposit accord 	CFR 3.41) d to be cha	arged to deposit account			
5. Name and address of party to whom correspondence concerning document should be mailed: David H. Jaffer Name: Internal Address: Isaacs	 6. Total number 7. Total fee (37 ४४ Enclosed □ Authorized 	CFR 3.41) d to be cha	arged to deposit account			
5. Name and address of party to whom correspondence concerning document should be mailed: David H. Jaffer Name: Internal Address:Rosenblum, Parish & Isaacs MPEOPLES 000000005 09096422 Street Address: Street Address:	 6. Total number 7. Total fee (37 Total fee (37 Enclosed Authorized 8. Deposit accord 08-0520 	CFR 3.41) d to be cha	arged to deposit account			
5. Name and address of party to whom correspondence concerning document should be mailed: David H. Jaffer Name: Internal Address: Rosenblum, Parish & Isaacs MPEOPLES 00000005 090%422 60 W. Santa Clara Street, Street Address: 15th Floor City: San Jose State: CAZIP: 95113	 6. Total number 7. Total fee (37 Total fee (37 Enclosed Authorized 8. Deposit accord 08-0520 	CFR 3.41) d to be cha	arged to deposit account			
5. Name and address of party to whom correspondence concerning document should be mailed: David H. Jaffer Name: Internal Address: Rosenblum, Parish & Isaacs MPEOPLES 00000005 090%422 60 W. Santa Clara Street, Street Address: 15th Floor City: San Jose State: CAZIP: 95113	 6. Total number 7. Total fee (37 ☎ Enclosed □ Authorized 8. Deposit accord 08–0520 (Attach duplicate 3E THIS SPACE 	CFR 3.41) d to be cha unt numbe	arged to deposit account er: page if paying by deposit account)			
5. Name and address of party to whom correspondence concerning document should be mailed: David H. Jaffer Name: Internal Address: Rosenblum, Parish & Isaacs IPEOPLES 00000005 09096422 60 W. Santa Clara Street, Street Address: 40.00 pp 15th Floor City: San Jose Statement and signature. To the best of my knowledge and belief, the foregoing infame	 6. Total number 7. Total fee (37 ☎ Enclosed □ Authorized 8. Deposit accord 08–0520 (Attach duplicate 3E THIS SPACE 	CFR 3.41) d to be cha unt numbe	arged to deposit account er: page if paying by deposit account) any attached copy is a true cop (1-17-98)			
Additional numbers at 5. Name and address of party to whom correspondence concerning document should be mailed: David H. Jaffer Name: Internal Address: Rosenblum, Parish & Isaacs IPEOPLES 00000005 090%422 F60 W. Santa Clara Street, Street Address: 40.00 gp 15th Floor City: San Jose Statement and signature. To the best of my knowledge and belief, the foregoing inform the original document.	 6. Total number 7. Total fee (37 Enclosed Authorized 8. Deposit accord 08–0520 (Attach duplicate SE THIS SPACE 	CFR 3.41) d to be cha unt number copy of this	arged to deposit account page if paying by deposit account) any attached copy is a true cop (1-17-98) Date			

REEL: 9604 FRAME: 0280

ASSIGNMENT

I, as a below-named inventor, for One Dollar (\$1.00) in hand paid to me, receipt of which is hereby acknowledged, and other good and valuable consideration, have assigned and do hereby assign to:

> Vista Research, Inc. 100 View Street Mountain View, CA 94042

a California Corporation (hereinafter referred to as Assignee), its successors, assigns and legal representatives, the entire right, title and interest in and to all subject matter invented by Alan A. Burns, Gary A. Hayter, Stephanie A. Griffin and Joseph W. Maresca and disclosed and claimed in an application for Letters Patent of the United States of America entitled:

AN ACOUSTIC SYSTEM FOR MEASURING THE LOCATION OF UNDERGROUND PIPE

and signed by me

X	on	the	date	set	forth	below;
	on					;

and in and to any and all divisions, reissues, continuations and extensions thereof; and in and to all corresponding applications for Letters Patent and all Convention and Treaty Rights of any kind, in all countries throughout the world, for all such subject matter.

I hereby authorize and request that the Patent Office Officials in the United States issue any and all of said Letters Patent or similar documents, when granted, to said Assignee, as the Assignee of our entire right, title and interest in and to the same, for the sole use and enjoyment of said Assignee, its successors and assigns.

Further, I agree that I will communicate to said Assignee, or its representatives, any facts known to me respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisions, continuations, substitutions, and renewal reexamination and reissue applications, execute all necessary Assignment papers to cause any and all of said Letters Patent to be issued to said Assignee, make all rightful oaths and generally do everything necessary or desirable to aid said Assignee, its successors and assigns, to obtain and enforce proper protection for said invention in the United States.

U.S. ASSIGNMENT (Joint Inventors)

PAGE 1

PATENT REEL: 9604 FRAME: 0281 File No. 0567-28

The undersigned hereby authorizes the firm of ROSENBLUM, PARISH & ISAACS to correct errors in this assignment or to insert any further identification or other information necessary or desirable to make this assignment suitable for recordal in the United States Patent Office.

In Testimony Whereof, I hereunto set my hand.

INVENTOR'S DATE : SIGNATURE: TYPED NAME: Al'an A Burns CITIZENSHIP: U.S.A. ADDRESS: 100 View Street Mountain View, CA 94042 INVENTOR'S DATE: 8/31/98 SIGNATURE: TYPED NAME: Gary A. Hayter U.S.A. CITIZENSHIP: 100 View Street ADDRESS: Mountain View, CA 94042 INVENTOR'S (gn) llan DATE:___ 9 SIGNATURE: Stephanie A. Griffin TYPED NAME: CITIZENSHIP: U.S.A. ADDRESS: 100 View Street Mountain View, CA 94042 INVENTOR'S DATE: 8/31/99 SIGNATURE: TYPED NAME: Joseph W. Maresca, Jr. CITIZENSHIP: U.S.A. 100 View Street ADDRESS: Mountain View, CA 94042

DHJ:0722w

U.S. ASSIGNMENT (Joint Inventors)

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RECORDED: 11/20/1998