	Docket No.: 66376-999-7
FORM PTO-1595 (Modified) 11 - 17 . (Rev. 03-01)	-2005 T U.S. DEPARTMENT OF COMMERCE
OMB No. 0651-0027 (exp.5/31/2002) P08A/REV03	Patent and Trademark Office
To the Director of the United States Patent and I rademark Jiii	0910 ce. Flease record and attached original documents or copy thereof.
1. Name of conveying party(ies): /	2. Name and address of receiving party(ies):
NOV 1 4 200r	Name: Piezocryst Advanced Sensorics GmbH
Additional names(s) of conveying party(ies)	Address: HANS-LIST-PLATZ 1
Additional names(s) of conveying party(ies)	1
3. Nature of conveyance:	11/14/5
☑ Assignment	
☐ Security Agreement ☐ Change of Name	City: GRAZ State/Prov.:
☐ Other	Country: AUSTRIA ZIP: A-8020
Execution Date: Oct. 24, 2005	Additional name(s) & address(es)
Application number(s) or patent numbers(s): If this document is being filed together with a new application.	, the execution date of the application is:
Patent Application No. Filing date	B. Patent No.(s)
10/086,537 March 4, 2002 11/16/2005 DBYRNE 00000248 042223 10086537	5,834,653 6,597,088
01 FC:8021 (120.00 DA)	
120.00 M) Additional numbers	☐ Yes ☒ No
	Yes No 6. Total number of applications and patents involved: 3
Additional numbers 5. Name and address of party to whom correspondence	
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 3
5. Name and address of party to whom correspondence concerning document should be mailed: Name: RICHARD H. TUSHIN Registration No. 27,297 Address: DYKEMA GOSSETT PLLC	6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41):\$ 120.00 □ Enclosed - Any excess or insufficiency should be
5. Name and address of party to whom correspondence concerning document should be mailed: Name: RICHARD H. TUSHIN Registration No. 27,297	Total number of applications and patents involved: Total fee (37 CFR 3.41):\$ 120.00 Enclosed - Any excess or insufficiency should be credited or debited to deposit account
5. Name and address of party to whom correspondence concerning document should be mailed: Name: RICHARD H. TUSHIN Registration No. 27,297 Address: DYKEMA GOSSETT PLLC	7. Total fee (37 CFR 3.41):\$ 120.00 Enclosed - Any excess or insufficiency should be credited or debited to deposit account Authorized to be charged to deposit account
5. Name and address of party to whom correspondence concerning document should be mailed: Name: RICHARD H. TUSHIN Registration No. 27,297 Address: DYKEMA GOSSETT PLLC 1300 I STREET, NW SUITE 300 WEST	7. Total fee (37 CFR 3.41):
5. Name and address of party to whom correspondence concerning document should be mailed: Name: RICHARD H. TUSHIN Registration No. 27,297 Address: DYKEMA GOSSETT PLLC 1300 I STREET, NW SUITE 300 WEST City: WASHINGTON State/Prov.: DC Country: U.S.A. ZIP: 20005	Total number of applications and patents involved: Total fee (37 CFR 3.41):\$ 120.00 Enclosed - Any excess or insufficiency should be credited or debited to deposit account Authorized to be charged to deposit account Deposit account number: 04-2223
5. Name and address of party to whom correspondence concerning document should be mailed: Name: RICHARD H. TUSHIN Registration No. 27,297 Address: DYKEMA GOSSETT PLLC 1300 I STREET, NW SUITE 300 WEST City: WASHINGTON State/Prov.: DC Country: U.S.A. ZIP: 20005	6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41):\$ 120.00 ☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account ☑ Authorized to be charged to deposit account 8. Deposit account number: 04-2223 (Attach duplicate copy of this page if paying by deposit account) USE THIS SPACE
5. Name and address of party to whom correspondence concerning document should be mailed: Name: RICHARD H. TUSHIN Registration No. 27,297 Address: DYKEMA GOSSETT PLLC 1300 I STREET, NW SUITE 300 WEST City: WASHINGTON State/Prov.: DC Country: U.S.A. ZIP: 20005 DO NOT 9. Statement and signature. To the best of my knowledge and belief, the foregoing information.	6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41):\$ 120.00 ☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account ☑ Authorized to be charged to deposit account 8. Deposit account number: 04-2223 (Attach duplicate copy of this page if paying by deposit account) USE THIS SPACE
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Mall documents to be recorded with required cover sheet information to:
Mail Stop Assignment Recordation Services
Director of the United States Patent and Trademark Office
P.O. Box 1450, Alexandria, VA 22313-1450

101.0 6 84 9526 547(4

<u>ASSIGNMENT</u>

Whereas, AVL List GmbH of Hans-List Platz 1, 8020 Graz, Austria, is the owner of the entire right, title and interest in (1) U.S. Patent No. 5,834,653, dated November 10, 1998, and entitled "Measuring Device with a Piezoelectric Measuring Element Positioned Between Two Supports and Divided into a Plurality of Rod-, Roller-, or Rib-Shaped Elements," (2) U.S. Patent No. 6,597,088, dated July 22, 2003, entitled "Spark Plug with Pressure Measuring Device", and (3) U.S. Patent Application No. 10/086,537, filed March 4, 2002, and entitled "Piezoelectric Single Crystal Element" (hereinafter referred to as said patents and patent application);

And, whereas Piezocryst Advanced Sensorics GmbH of Hans-List-Platz 1, 8020 Graz, Austria, is desirous of acquiring the entire right, title and interest in said patents and patent application;

Now, therefore, for \$30.00 and other valuable consideration in hand, receipt of which is hereby acknowledged, AVL List GmbH does hereby sell, assign and transfer over to Piezocryst Advanced Sensorics GmbH, its legal representatives, successors and assigns, its entire right, title and interest in and to said patents and patent application, including all rights of action and recovery for infringement, and

AVL List GmbH does hereby covenant and warrant that, as of this date, it is the true and lawful owner of the entire right, title and interest in

PATENT REEL: 017223 FRAME: 0544 said patents and patent application and has the full right and power to convey same, and that said patents and patent application are free and clear all liens, charges and encumbrances whatsoever.

Signer on behalf of AVL List GmbH

Name:

Helmut LIST

Title:

Helfalace (Horit Tscaretsan)

President (CEO)

10/24/2005

Date:

Witness:

DC01\96329.1 ID\RHT

> PATENT REEL: 017223 FRAME: 0545

RECORDED: 11/14/2005