PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Udo Hirnschal	08/09/2010
Erik Braam	08/05/2010

RECEIVING PARTY DATA

Name:	MARKISCHES WERK GMBH	
Street Address:	Haus Heide 21	
City:	Halver	
State/Country:	GERMANY	
Postal Code:	58553	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12859570

CORRESPONDENCE DATA

Fax Number: (866)864-3947

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

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Correspondent Name: Harris A. Wolin

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Address Line 2: 100 Headquarters Plaza

Address Line 4: MORRISTOWN, NEW JERSEY 07960-6834

ATTORNEY DOCKET NUMBER: GRAT 2249

NAME OF SUBMITTER: Harris A. Wolin

Total Attachments: 2

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PATENT

REEL: 025040 FRAME: 0358

OF \$40.00 1285957

501300702

Attorney Docket: GRAT 2249

ASSIGNMENT

WHEREAS, the below named inventor(s), ASSIGNOR, has made a certain new and useful invention in a **HIGH-PERFORMANCE ULTRASONIC TRANSDUCER AND METHOD FOR THE PRODUCTION THEREOF**, for which an application:

is being filed concurrently herewith, orwas filed on <Date>, as U.S. or PCT Application <Number>.

WHEREAS, **MÄRKISCHES WERK GMBH**, having an address at **Haus Heide 21**, **58553**, **Halver**, **Germany**, ASSIGNEE, is desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, the said ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filled for said invention in any country or countries foreign to the United States, to limit the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventor's certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

ASSIGNOR authorizes and requests the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument; and

ASSIGNOR covenants and agrees that he has full right to convey the entire interest herein assigned, and has not executed, and will not execute, any agreement in conflict herewith; and

ASSIGNOR further covenants and agrees that he will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

Full name of first inventor:	Udo Hirnschal					
Inventor's Signature:	Udo Himsulal	Date:	09.08.2010			
Residence:	Halver, Germany	Citizenship:	DE			
Post Office Address: Hohenplanken 1a, 58553, Halver, Germany						
Full name of joint inventor:Erik Braam						
Inventor's Signature:		Date:				
Residence: Westbore	ough, MA	Citizenship:	NL			
Post Office Address: 4121 Homestead Blvd., Westborough, MA 01581						

PATENT REEL: 025040 FRAME: 0359

Attorney Docket: GRAT 2249

ASSIGNMENT

	REFORMANCE ULTRASC	DNIC TRANSDUCER AND I	K, nas made a certain new a METHOD FOR THE PRODU	
	being filed concurrently as filed on <date></date> , as U	herewith, or .S. or PCT Application <nu< b="">l</nu<>	mber>.	
Germany,	/HEREAS, MÄRKISCHE ASSIGNEE, is desirous id application.	S WERK GMBH, having ar of obtaining the entire right,	address at Haus Heide 21, title and interest in, to and u	. 58553, Halver, inder the said invention
and valuab transferred ASSIGNEE said inventi Patents of t applications and design together wit United Stat of Industria application patents, util	ple consideration, the recil and set over, and by the set over, and by the set on, and the said United the United States which is for industrial property pas which may hereafter be ith the right to file such a tes application under the set of set of set of the set	eipt of which is hereby acknown presents does hereby some presentatives and assigns, States application and all dismay be granted thereon and protection, including, without e filed for said invention in a pplications and the right to compare the Laws of the United States and all forms of industrials.	ne Dollar (\$1.00) to me in he owledged, the said ASSIGN ell, assign, transfer and set of the entire right, title and intervisions, renewals and continued all reissues and extensions limitation, all applications for the same the priority states, the International Continued amount of the court of the court of the court of the court of the grant of the said in the court of the court	OR has sold, assigned, over, unto the said erest in, to and under the fluations thereof, and all is thereof; and all or patents, utility models, ign to the United States, y rights derived from said evention for the Protection of the utility in which any such luding, without limitation,
and any Off evidence or	fficial of any country or co or forms of industrial prop	ountries foreign to the Unite erty protection on application	er of Patents and Trademark d States, whose duty it is to ns as aforesaid, to issue the in accordance with the term	issue patents or other e same to the said
		d agrees that he has full rigl ute, any agreement in confl	nt to convey the entire intere ct herewith; and	st herein assigned, and
legal repres all lawful pa generally de	sentatives and assigns, a apers, execute all divisio lo everything possible to	any facts known respecting nal, continuing, reissue and	communicate to the said AS said invention, and testify in foreign applications, make a successors, legal represent untries.	any legal proceeding, sigr all rightful oaths, and
Full name o	of first inventor:	Lido Himschal		

Inventor's Signature: ______ Date: _____

Residence: _____ Halver, Germany ____ Citizenship: ____ DE

Post Office Address: Hohenplanken 1a, 58553, Halver, Germany

Post Office Address: 103 Avalon Way, Shrewsbury, MA 01545

PATENT REEL: 025040 FRAME: 0360

RECORDED: 09/24/2010

Full name of joint inventor: ___

Residence: Shrewsbury, MA, USA

Inventor's Signature: _____