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SUBMISSION TYPE	E:	NEW ASSIGNMENT		
NATURE OF CONV	EYANCE:	CE: ASSIGNMENT		
CONVEYING PART	Y DATA	1		
		N	ame	Execution Date
Ryan C. Shea				12/12/2007
Hilkka I. Kenttamaa	Hilkka I. Kenttamaa			12/07/2007
Weldon E. Vaughn				09/14/2007
Steven C. Habicht				12/07/2007
RECEIVING PARTY	Ź DATA			
Name:	Purdue Resea	arch Fo	oundation	
Street Address:	3000 Kent Ave	3000 Kent Avenue		
City:	West Lafayett	West Lafayette		
State/Country:	INDIANA			
Postal Code:	47906			
PROPERTY NUMBERS Total: 1 Property Type Number			r	
		118074	400	
CORRESPONDENC Fax Number: <i>Correspondence win</i> Phone: Email: Correspondent Nam Address Line 1: Address Line 2: Address Line 4:	(317)237 // <i>be sent via US /</i> 3172371 lisa.scho ne: Timothy / Baker & / 300 Norti	<i>Mail wh</i> 250 drowsk E. Niec Daniels h Meric	_	<i></i>
ATTORNEY DOCKET NUMBER:			PRF-P0024-01	
NAME OF SUBMITTER:			Timothy E. Niednagel	
Total Attachments: 5	5			PATENT
500428121				REEL: 020293 FRAME: 0603

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Attorney Docket No.: PRF-P024-01 (53365/42) 64636.00.US

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned,

Name(s)	Ryan C. Shea				
of Inventor(s)	Hilkka I. Kenttamaa				
.,	Weldon E. Vaughn				
	Steven C. Habicht				
	maker(s) of an invention which is the subject of an application for Letters Patent of the United States ("Application") entitled:				
Title of Application	HIGH POWER LASER INDUCED ACOUSTIC DESORPTION PROBE				
Application Information	for which an application for a United States Patent was filed <u>May 29, 2007</u> . Application Serial No.: <u>11/807,400</u>				
Name of	the undersigned hereby sell(s), assign(s), and set(s) over to				
Assignee	Purdue Research Foundation				
Address of	3000 Kent Ayenue				
principal place of business	West Lafayette, Indiana 47906				
Insert State of Incorporation (if applicable) or "Not Applicab	a corporation of <u>Indiana</u>				

(hereinafter designated as the Assignee) their entire right, title and interest in, to and under the Application, including all priority rights for the United States and other countries arising therefrom including Canada and Mexico, all inventions therein disclosed, and any and all Letters Patent of the United States and of all other countries, which may be granted for such inventions, or any of them, any divisional, continuation, continuation-in-part, or reissue applications corresponding to the Application or such Letters Patent, and any reexamination of the Application of such Letters Patent, and any foreign patents or patent applications corresponding thereto, all such inventions and all rights in such Application and Letters Patent to be held and enjoyed by Assignee for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by them had this assignment and sale not been made.

The undersigned agree(s) to execute all papers necessary in connection with the application(s) in the United States and foreign countries and any continuing, divisional, or reissue applications thereof, and any reexamination of any of such applications, and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared or litigation concerning the application(s) or continuation, division, reissue or reexamination thereof, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such Interference or litigation.

Attorney Docket No.: PRF-P024-01 (53365/42) 64636.00.US

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to do all other acts which, in the opinion of Assignee, may be necessary or desirable to secure the grant of Letters Patent to Assignee or its nominees, in the United States and in all other countries where Assignee may desire to have such inventions, or any of them, patented, with specifications and claims in such form as shall be approved by Assignee and to vest and confirm in Assignee or its nominees the full and complete legal and equitable title to all such Letters Patent.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application(s) or any division or continuing or reissue applications thereof, and any reexamination of any of such applications, to the said Assignee, as Assignee of the entire interest, and hereby covenants that the undersigned has full right to convey the interest herein assigned, and that the undersigned has not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the attorney of record the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, I have executed this assignment this _	12	day of	lec
, 2007.			

Outside the USA:		
Witnesses are	Witness	
required when		
acknowledgment		
before a Notary	Witness	
Public is not		
feasible.		

Inventor (Signature

Ryan C. Shea Inventor (Printed Name)

ILLINOIS STATE OF OREGON)SS: COUNTY OF DU PAGE

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal this ______ day of ______ day of ______ 2007.

~	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	mmm
	OFFICIA	LISEAL ζ
3	Karen G.	Spangler 2
- E	Notary Public,	State of Illinois 3
\$	My Commission	Expires 10/23/10 🛛 🏅
کر	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	mmm
My Commission	Expires: OLT.	23,2010
Resident of	EKALB	· County.

PATENT REEL: 020293 FRAME: 0606

Printed Name

COUNTY OF TIPPECANDE

Attorney Docket No.: PRF-P024-01 (53365/42) 64636.00.US

, 2007.		
Outside the USA:		
Witnesses are required when	Witness	Inventor (Signature)
acknowledgment		Hilkka I. Kenttamaa
before a Notary Public is not feasible.	Witness	Inventor (Printed Name)
STATE OF INDIANA	``	

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal this ______ day of ______, 2007.

inson Donn

Notary Public

Donna D. Wilkinson Printed NOTARY PUBLIC, STATE OF INDIANA MY COMMISSION EXPIRES FEBRUARY 25, 2015

My Commission Expires: 2/05/2015 Resident of _____ County.

)SS:

Attorney Docket No.: PRF-P024-01 (53365/42) 64636.00.US

day of

eptember

IN WITNESS WHEREOF, I have executed this assignment this ______ [1]

Outside the USA: ______ Witnesses are Witness required when acknowledgment ______ before a Notary Witness Public is not feasible.

Inventor (Signature)

Weldon E. Vaughn Inventor (Printed Name)

STATE OF INDIANA SS: COUNTY OF

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal this ______ day of ______ day of ______ 2007.

-4-

Printed Name

2014 My Commission Expires: County. Resident of



Megan M. Fields Resident of Tippecanoe County, IN Commission Expires August 26, 2014

Attorney Docket No.: PRF-P024-01 (53365/42) 64636.00.US

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IN WITNESS \ , 2007.	WHEREOF, I have executed this assi	gnment this	7-m	_day of _	Decem	pel
Outside the USA:		Sill	Æ	-	2	
Witnesses are required when	Witness	Inventor (Signa	-			
acknowledgment		Steven C. Habic			<u> </u>	
before a Notary Public is not feasible.	Witness	Inventor (Printe	ed Name)			
STATE OF INDIANA))\$\$:					
COUNTY OF Jupper	(Anto E)					
Acknowledged	before me, a Notary Public, within a 1 day of <u>December</u> , 2007.	nd for said County Down Notary Public				nd.
My Commission Expires Resident of <u>Ber</u>	: <u>2/25/2015</u> N-10y County.	Printed DONN NOTARY PL MY COMMIS	A D. WII UBLIC, STATE SSION EXPIRI	OF INDIANA		

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RECORDED: 12/27/2007

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