'RE 9/2/03				
FORM PTO-1595	09-09	-2003	. U.S. DEPARTMENT OF COMMERCE	
(Rev. 10/02) OMB No. 0651-0027 (exp. 6/30/2005)			U.S. Patent and Trademark Office	
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Execution Date: March 12, 2003				
Application number(s) or patent number(s):				
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On all A. Hausdamanau		7. Total fee (37 CF	FR 3.41) \$ 40.00	
Scott A. Horstemeyer Thomas, Kayden, Horstemeyer & 100 Galleria Parkway, Suite 1750	Risley, L.L.P.	☐ Enclosed ☐ Authorizatio	on to charge credit card (attached)	
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Docket #: 62020-1280

PATENT REEL: 014454 FRAME: 0670

03-27-200	<u> </u>			
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Execution Date: March 12, 2003				
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: March 12, 2003				
A. Patent application No.(s)	B. Patent No.(s)			
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Scott A. Horstemeyer Typed Name Signature Typed Name				
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PATENT REEL: 014454 FRAME: 0671

ASSIGNMENT

LAD-2003-026

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

TRAVELING-WAVE THERMOACOUSTIC ENGINES WITH INTERNAL COMBUSTION AND

Gregory William Swift

hereby sells, assigns and transfers to ASSIGNEE, The Regents of the University of California, a California Corporation, having its statewide administrative offices located at 1111 Franklin Street, Fifth Floor, Oakland, CA 94607-5200, and the successors, assigns and legal representatives of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention titled:

ASSOCI	ATED	METHODS
and whice	ch is fo	und in
(a)	\boxtimes	U.S. patent application executed on <u>March 12, 2003</u> , entitled as above and listing the above-named person(s) as inventor(s)
(b)		U.S. application Serial No, filed on
(c)		U.S. Patent No, issued
(d)		U.S. provisional application filed on, entitled as above and listing the above-named person(s) as inventor(s)
		and the land the country of the afficient processor, in all reliances that when a later and substitution of the country of the

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

ASSIGNOR(S) hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR(S) further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

PATENT REEL: 014454 FRAME: 0672 **AND** the ASSIGNOR(S) requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, The Regents of the University of California.

executed this

Signature of Inventor(s)

12 day of March, 2003

Gregory William Swift