MB No. 0651-0027 (exp. 6/30/2008)  RECORDATION FOR	United States Patent and Trademark Office				
RECORDATION FOR PATENTS					
To the Director of the U.S. Patent and Trademark Office: Please					
	2. Name and address of receiving party(ies)				
Name of conveying party(ies): Thomas Paddock (10/28/08) and James Barber					
(10/27/08)	Name: ARC International PLC Internal Address:				
Additional name(s) of conveying party(ies) attached? Yes X No	Street Address:				
3. Nature of conveyance/Execution Date(s):	Verulam Point, Station Way				
Execution Date(s): in parentheses after inventor name					
Assignment Merger Change of Name					
Security Agreement Joint Research Agreement	City: Saint Albans				
Government Interest Assignment	State:				
Executive Order 9424, Confirmatory License	Country: United Kingdom Zip: AL1 5HE				
Other	Additional name(s) & address(es) Yes X No attached?				
4. Application or patent number(s):  A. Patent Application No.(s)  10/516,907	This document is being filed together with a new application.  B. Patent No.(s)				
Additional numbers attached	? Yes X No  6. Total number of applications and patents involved:				
concerning document should be mailed:  Name: Edward J. Kelly					
ROPES & GRAY LLP	7. Total lee (of Office Resign) de offit)				
Internal Address: Atty. Dkt.: ARCU-084-101	Authorized to be charged by credit card				
Street Address: One International Place	X Authorized to be charged to deposit account				
	Enclosed				
	None required (government interest not affecting tit				
City: Boston	B. Payment Information				
State: MA Zip: 02110	a. Credit Card Last 4 Numbers				
Phone Number: (617) 951-7532	Expiration Date				
Fax Number: (617) 951-7050	b. Deposit Account Number 18-1945				
Email Address: ekelly@ropesgray.com	Authorized User Name Edward J. Kelly				
9. Signature:	October 31, 2008				
Signature	Date				
Tushar Parlikar - 61,715  Name of Person Signing	Total number of pages including cover sheet, attachments, and documents:				
Name or reson organiz					
i hereby certify that this paper (along with any paper referred to as being Trademark Office, facsimile no. (571) 273-0140, on the date shown being	(ttached or enclosed) is being transmitted by facsimile to the Patent ar				

11363921\_1.DOC

**PATENT REEL: 021774 FRAME: 0908** 

700389721

10/31/2008 16:36 FAX 型003/005

ARCU-084-101

## ASSIGNMENT

WHEREAS, we, Thomas Paddock and James Barber, have invented a certain improvement in ACOUSTICAL VIRTUAL REALITY ENGINE AND ADVANCED TECHNIQUES FOR ENHANCING DELIVERED SOUND described in an application for Letters Patent of the United States, the specification of which:

[ x ] was filed as a national stage filing under 35 U.S.C. 371 of PCT application PCT/US03/17788, filed June 5, 2003, and assigned U.S. Patent Application No. 10/516,907.

WHEREAS, ARC International PLC (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the United Kingdom, having principal offices at Verulam Point, Station Way, Saint Albans, AL1 5HE, United Kingdom, desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, our entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with our entire right, title and interest in and to said application and such Letters Patent as may issue thereon, and any reissue, continuation, divisional and foreign counterparts thereof and including the right to claim priority under any applicable statute, treaty or convention based on said application; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent, all choses in action pertaining to the applications or Letters Patent including the right to sue for and collect damages and other recoveries for past infringement thereof, all rights to initiate proceedings before government and administrative bodies, and all files, records and other materials arising from the prosecution, exploitation, or defense of rights and registrations pertaining to the applications or Letters Patent. We hereby acknowledge that this assignment, being of our entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

11257002\_1.DOC Page 1

PATENT REEL: 021774 FRAME: 0909 Oct 27 08 02:42p

Sonic Focus

p.2

ARCU-084-101

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

Inventor Thomas Paddock	Date: 10-28-08
Address 11655 SKI Slope Was	<del></del>
Witness Rose Freeman Ea	Date: 10-28-68
Address 1555 Sky Valley Dr # Rono UV 89523	EE201 '_
Inventor James Barber	Date: 130008
Address 4802 Sterric Drive Valsima, UA 98908	
Witness Rose Freeman Z	Date: <u>10-27-08</u>
Address 1555 Sky Valley Dr Rono UV 89523	

Page 2

11257002\_1.DGC

PATENT REEL: 021774 FRAME: 0910

PTO/SB/97 (09-04) Approved for use through 07/31/2006. OMB 0651-0031 U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Application No. (if known): 10/516,907

Attorney Docket No.: ARCU-084-101

## Certificate of Transmission under 37 CFR 1.8

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office.

October 31, 2008 Date

Lise Ann Ruggeri

Typed or printed name of person signing Certificate

Registration Number, if applicable

(617) 951-7000

Telephone Number

Note:

Each paper must have its own certificate of transmission, or this certificate must

identify each submitted paper.

Assignment (2 pages)

Recordation Form Cover Sheet (1 page)

Certificate of Transmission (1 page)

F	A	X	TR	AN	SM	1IS	SI	ON
---	---	---	----	----	----	-----	----	----

DATE: C

October 31, 2008

PTO IDENTIFIER:

Application Number

10/516,907

**Patent Number** 

Inventor: David Latta

**MESSAGE TO:** 

**USPTO PTAS System** 

**FAX NUMBER:** 

(571) 273-0140

FROM:

ROPES & GRAY LLP

Tushar Parlikar, Patent Agent

PHONE:

(617) 951-7604

Attorney Dkt. #:

ARCU-084-101

PAGES (Including Cover Sheet):

CONTENTS:

Assignment (2 pages)

Recordation Form Cover Sheet (1 page) Charge \$40.00 to deposit account 18-1945 Certificate of Transmission (1 page)

If your receipt of this transmission is in error, please notify this firm immediately by collect call to sender at (617) 951-7760 and send the original transmission to us by return mail at the address below.

This transmission is intended for the sole use of the individual and entity to whom it is addressed, and may contain information that is privileged, confidential and exempt from disclosure under applicable law. You are hereby notified that any dissemination, distribution or duplication of this transmission by someone other than the intended addressee or its designated agent is strictly prohibited.

## **ROPES & GRAY LLP**

11363892\_1.DOC

RECORDED: 10/31/2008

PATENT REEL: 021774 FRAME: 0912