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07-24-2000 FORM PTO-1619A Expires 06/30/99 CMB 0661-0027

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ATL 224

U.S. Department of CommeRe Patent and Trademark Office **PATENT**



RECODDATION FORM COVER SHEET

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Document		License	Change of	Name		
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Reel #	Frame #		U.S. Governm			
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Conveying Pa		<u> </u>		parties attached Execution Date		
Name (line 1)				Month Day Year 06 14 2000		
· L	John Douglas Fraser					
Name (line 2)		····		Execution Date Month Day Year		
Second Party Name (line 1)				Month Day 16a		
				MITTER		
Name (line 2)				013101		
Receiving Pa	rty		Mark if additional name	es of receiving parties attached		
Name (line 1)	ATL Ultrasound, Inc.			If document to be record is an assignment and the		
Name (Ilne 2)				receiving party is not domiciled in the United States, an appointment		
Address (line 1)	22100 Bothell Everett Highway of a domestic representative is attached (Designation must be a					
Address (line 2)	P. 0. Box 3003 Separate document from Assignment.)					
Address (line 3)	Bothell City	WA State/Countr		041-3003 Zip Code		
Domestic Re	presentative Name and A	ddress _{Ent}	er for the first Receiving	Party only.		
Name [W. Brinton Yorks, Jr.					
Address (line 1)	ATL Ultrasound					
Address (line 2)	P. O. Box 3003					
Address (line 3)	Bothell, WA 98041-3003					
Address (line 4)						

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) Information to: Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

PATENT

REEL: 010926 FRAME: 0090

		ATL 224				
FORM PTO Expires 08/30/99 CMB 0861-0027	-1619B	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT			
Correspond	ent Name and Address	Area Code and Telephone Number	425-487-7152			
Name	W. Brinton Yorks, Jr.					
Address (line 1)	ATL Ultrasound					
Address (line 2)	P. O. Box 3003					
Address (line 3)	Bothell, WA 98041-3003					
Address (line 4)						
Pages	Enter the total number of paincluding any attachments.	ges of the attached conveyance docum	nent # 4			
Application Number(s) or Patent Number(s) Mark if additional numbers attached						
Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).						
Patent Application Number(s) Patent Number(s)						
	7 [
If this document is being filed together with a <u>new</u> Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year 06 14 2000						
Patent Coop	peration Treaty (PCT)	202	РСТ			
Enter PCT application number						
	<u>rif</u> a U.S. Application Number not been assigned.	PCT PCT	PCT PCT			
Number of Properties						
Enter the total number of properties involved. # 1						
Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00						
Method of Payment: Enclosed Deposit Account X Deposit Account						
(Enter for payment by deposit account or if additional fees can be charged to the account.) Deposit Account Number: # 23-1131						
	,	Authorization to charge additional fees:	Yes X No			
Statement and Signature						
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.						
<u>W. Brinton Y</u> Nam e	orks, Jr. Reg.#28,923 of Person Signing	Signature Signature	<i>8 ∫ 15 ∞</i> Date			
			1			

PATENT REEL: 010926 FRAME: 0091

ASSIGNMENT

Serial No. Filed

WHEREAS, John Douglas Fraser, residing at 19737 NE 191 Street, Woodinville, WA 98072 (hereinafter called "Assignor"), has made certain new and useful inventions or discoveries relating to

CAPACITIVE MICROMACHINED ULTRASONIC TRANSDUCERS

for which he has this day executed an application for Letters Patent of the United States; and

WHEREAS, ATL Ultrasound, Inc. a corporation of the State of Washington, (hereinafter called "Assignee"), is desirous of acquiring Assignor's entire right, title, and interest therein:

NOW, THEREFORE, BE IT KNOWN that for and in consideration of the sum of One Dollar and other valuable considerations to him moving, the receipt of which is hereby acknowledged, Assignor has sold, assigned, and transferred, and does hereby sell, assign and transfer unto said Assignee his entire right, title and interest in and to all said inventions and discoveries disclosed in said application whose identification above by scrial number and filing date, when available is hereby authorized, and in and to said application, all substitutions, divisions, and continuations thereof, and in and to all Letters Patent, United States and foreign, that may be granted for said inventions and discoveries, and in and to all extensions, renewals, and reissues thereof, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignor if this Assignment and sale had not been made;

And Assignor hereby authorizes and requests the Commissioner of Patents of the United States to issue said Letters Patent in accordance with this Assignment;

And for the consideration aforesaid, Assignor covenants and agrees with said Assignee that he has a full and unencumbered title to the inventions and discoveries above described and hereby assigned, which title he warrants unto said Assignee, its successors and assigns;

And for the consideration aforesaid, Assignor further covenants and agrees that he will, whenever requested, but without cost to him promptly communicate to said Assignee or its representatives any facts known to him relating to said inventions and discoveries, testify in any interference or legal proceedings involving said inventions and discoveries, and execute any additional papers that may be necessary to enable said Assignee or its representatives, successors, nominees, or assigns to secure full and complete protection for the said inventions and discoveries or that may be necessary to vest in said Assignee the complete title to the said inventions and discoveries and patents hereby conveyed and to enable it to record said title.

PATENT REEL: 010926 FRAME: 0092 IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this $_{147h}$ day of June, 2000.

John Douglas Fraser (L.S.) Date: June 14 2000

STATE OF WASHINGTON COUNTY OF SNOHOMISH

BE IT REMEMBERED, That on this $\underline{14^{th}}$ day of June, 2000 John Douglas Fraser who I am satisfied is the person named in and who executed the foregoing instrument in my presence, and I having first made known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed.

> JILL ANNE PEISTRUP **NOTARY PUBLIC** STATE OF WASHINGTON COMMISSION EXPIRES DECEMBER 9,2003

My Commission expires 12-9-2003

PATENT REEL: 010926 FRAME: 0093