MRD 6-19-9 10075	56099
To the Honorable Commissioner of Patents and Tradema	
Please record the attached original document or copy the	
1. Name of conveying party(ies):	2. Name and Address of receiving party(ies):
Advanced Diagnostics, Inc. 2400 Stevens Drive, Section B	Name: <u>Battelle Memorial Institute</u> Internal Address:
Richland, WA 99532	
Additional name(s) of conveying	
party(ies) attached? <u>Yes</u> <u>X</u> No	Street Address: 505 King Avenue
3. Nature of conveyance:	City Columbus State OH ZIP 43201
X Assignment _ Merger Security Agreement _ Change of Name	Additional name(s) & address(es) attached?
_ Security Agreement Change of Name Other	Yes _XNo
Execution Date: <u>March 30, 1998</u>	
Additional numbers attached? X	Yes No
 Name and address of person to whom correspondence concerning document 	YesNo 6. Total number of applications and patents involved: _5
 Name and address of person to whom correspondence concerning document should be mailed: 	6. Total number of applications and patents involved: <u>5</u>
 Name and address of person to whom correspondence concerning document 	 6. Total number of applications and patents involved: <u>5</u> 7. Total fee (37 CFR 3.41): \$<u>200.00</u> <u>X</u> Enclosed
 5. Name and address of person to whom correspondence concerning document should be mailed: Name: <u>Karen Hammond, Esq.</u> Internal Address: <u>Porter, Wright, Morris & Arthur</u> 	 6. Total number of applications and patents involved: <u>5</u> 7. Total fee (37 CFR 3.41): \$200.00
5. Name and address of person to whom correspondence concerning document should be mailed: Name: <u>Karen Hammond, Esq.</u> Internal Address: <u>Porter, Wright, Morris & Arthur</u> Street Address: <u>41 South High Street</u>	 6. Total number of applications and patents involved: <u>5</u> 7. Total fee (37 CFR 3.41): \$200.00 X Enclosed Authorized to be charged to deposit account
 5. Name and address of person to whom correspondence concerning document should be mailed: Name: <u>Karen Hammond, Esq.</u> Internal Address: <u>Porter, Wright, Morris & Arthur</u> 	 6. Total number of applications and patents involved: <u>5</u> 7. Total fee (37 CFR 3.41): \$200.00 X_ Enclosed Authorized to be charged to deposit
5. Name and address of person to whom correspondence concerning document should be mailed: Name: <u>Karen Hammond, Esq.</u> Internal Address: <u>Porter, Wright, Morris & Arthur</u> Street Address: <u>41 South High Street</u>	 6. Total number of applications and patents involved: <u>5</u> 7. Total fee (37 CFR 3.41): \$200.00 X Enclosed Authorized to be charged to deposit account 8. Deposit account number:
5. Name and address of person to whom correspondence concerning document should be mailed: Name: <u>Karen Hammond, Esq.</u> Internal Address: <u></u> <u>Porter, Wright, Morris & Arthur</u> Street Address: <u>41 South High Street</u> City: <u>Columbus</u> State: <u>OH</u> ZIP: <u>43215</u>	 6. Total number of applications and patents involved: <u>5</u> 7. Total fee (37 CFR 3.41): \$200.00 X Enclosed Authorized to be charged to deposit account 8. Deposit account number: <u>(Attach duplicate copy of this page if paying</u>)
5. Name and address of person to whom correspondence concerning document should be mailed: Name: <u>Karen Hammond, Esq.</u> Internal Address: <u></u> <u>Porter, Wright, Morris & Arthur</u> Street Address: <u>41 South High Street</u> City: <u>Columbus</u> State: <u>OH</u> ZIP: <u>43215</u>	 6. Total number of applications and patents involved: <u>5</u> 7. Total fee (37 CFR 3.41): \$200.00 X_ Enclosed Authorized to be charged to deposit account 8. Deposit account number: (Attach duplicate copy of this page if paying by deposit account) SE THIS SPACE
 5. Name and address of person to whom correspondence concerning document should be mailed: Name: <u>Karen Hammond, Esq</u> Internal Address: <u>Porter, Wright, Morris & Arthur</u> Street Address: <u>41 South High Street</u> City: <u>Columbus</u> State: <u>OH</u> ZIP: <u>43215</u> DO NOT US 	 6. Total number of applications and patents involved: <u>5</u> 7. Total fee (37 CFR 3.41): \$200.00 X_ Enclosed Authorized to be charged to deposit account 8. Deposit account number:(Attach duplicate copy of this page if paying by deposit account) SE THIS SPACE ge and belief, the foregoing information is true and content of the second seco
 5. Name and address of person to whom correspondence concerning document should be mailed: Name: <u>Karen Hammond, Esq.</u> Internal Address: <u>Porter, Wright, Morris & Arthur</u> Street Address: <u>41 South High Street</u> City: <u>Columbus</u> State: <u>OH</u> ZIP: <u>43215</u> DO NOT US 9. Statement and signature. To the best of my knowled 	 6. Total number of applications and patents involved: <u>5</u> 7. Total fee (37 CFR 3.41): \$200.00 X_ Enclosed Authorized to be charged to deposit account 8. Deposit account number:(Attach duplicate copy of this page if paying by deposit account) SE THIS SPACE ge and belief, the foregoing information is true and content of the second seco
 5. Name and address of person to whom correspondence concerning document should be mailed: Name: <u>Karen Hammond, Esq.</u> Internal Address: <u>Porter, Wright, Morris & Arthur</u> Street Address: <u>41 South High Street</u> City: <u>Columbus</u> State: <u>OH</u> ZIP: <u>43215</u> DO NOT US 9. Statement and signature. To the best of my knowled, and any attached copy is a true copy of the original d Karen K. Hammond 	 6. Total number of applications and patents involved: <u>5</u> 7. Total fee (37 CFR 3.41): \$200.00 X_ Enclosed Authorized to be charged to deposit account 8. Deposit account number: (Attach duplicate copy of this page if paying by deposit account) SE THIS SPACE ge and belief, the foregoing information is true and conocuments.
 5. Name and address of person to whom correspondence concerning document should be mailed: Name: <u>Karen Hammond, Esq.</u> Internal Address: <u>Porter, Wright, Morris & Arthur</u> Street Address: <u>41 South High Street</u> City: <u>Columbus</u> State: <u>OH</u> ZIP: <u>43215</u> DO NOT US 9. Statement and signature. To the best of my knowled, and any attached copy is a true copy of the original d Karen K. Hammond 	 6. Total number of applications and patents involved: <u>5</u> 7. Total fee (37 CFR 3.41): \$200.00 X_ Enclosed Authorized to be charged to deposit account 8. Deposit account number:(Attach duplicate copy of this page if paying by deposit account) SE THIS SPACE ge and belief, the foregoing information is true and conocuments. June 16, 1998

Assistant Commissioner for Patents **Box Assignments** Washington, D.C. 20231

EXHIBIT

4. Application number(s) or patent number(s)

A. Patent Application No.(s)	B. Patent No.(s)
	5,179,455
	5,212,571
	5,235,553
	5,329,202
	5,329,817

COLUMBUS/0446423.01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ASSIGNMENT OF LETTERS PATENT, INVENTIONS AND APPLICATIONS FOR LETTERS PATENT

WHEREAS, Advanced Diagnostics, Inc., a Washington corporation, having a mailing address of 2400 Stevens Drive, Section B. Richland, Washington, 99532 ("Assignor") is the owner of the letters patent, licenses, applications for letters patent (including any letters patent that issue therefrom) described in <u>Schedule A</u> and <u>Schedule B</u> hereto (herein collectively referred to as the "Patents"); and

WHEREAS, Battelle Memorial Institute, 505 King Avenue, Columbus, Ohio 43201 ("Assignee"), is desirous of acquiring the entire interest in the Patents.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Assignor does hereby assign unto Assignee the entire right, title and interest in and to the Patents and the exclusive right thereto throughout the world, including the right to recover damages for past infringement. the Patents to be held and enjoyed by Assignee for Assignee's own use and behoof, and for Assignee's legal representatives and assigns, to the full end of the terms for which said Patents are granted, as fully and entirely as the Patents would have been held by Assignor had this Assignment not been made.

ADVANCED DIAGNOSTICS, INC.

PATENT REEL: 9267 FRAME: 0986

On this <u>so</u>th day of March, 1998, before me, the subscriber, a notary public in and for said county and state, personally known to me to be <u>Potrick A. Quarles</u>, the person who as <u>President</u> of Advanced Diagnostics, Inc., the company which executed the foregoing instrument, signed the same, and acknowledged that he did so sign said instrument in the name and upon behalf of the said company as such officer, and by authority of the resolution of its Board of Directors; and that the same is his free act and deed as such officer, and the free and corporate act and deed of said company.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal.

Notary Public Rolling

SCHEDULE A

Patents and Patent Applications

ISSUED U.S. PATENTS

Patent No.	Serial No.	Issuance Date	Title
5,329,202		July 12, 1994	
5,235,553		August 10, 1993	
5,329,817		July 19, 1994	
5,212,571		May 18, 1993	
5,179,455		January 12, 1993	

PENDING U.S. PATENT APPLICATIONS

<u>Serial No.</u>	<u>Filing I</u>
-------------------	-----------------

Date Inventors

Title

(THIS SPACE INTENTIONALLY LEFT BLANK)

SCHEDULE B

Foreign Patents and Patent Applications

ISSUED FOREIGN PATENTS

Country or Treaty Organization	Patent No.	Date	Title
France	93906662.3		Ultrasonic holographic imaging apparatus having zoom feature
France	93900661.5		Ultrasonic holographic imaging method and apparatus
United Kingdom	93906662.3		Ultrasonic holographic imaging apparatus having zoom feature
United Kingdom	93900661.5		Ultrasonic holographic imaging method and apparatus
Belgium	93906662.3		Ultrasonic holographic imaging apparatus having zoom feature
Belgium	93900661.5		Ultrasonic holographic imaging method and apparatus
Denmark	93906662.3		Ultrasonic holographic imaging apparatus having zoom feature
Denmark	93900661.5		Ultrasonic holographic imaging method and apparatus
Switzerland	93906662.3		Ultrasonic holographic imaging apparatus having zoom feature
Switzerland	93900661.5		Ultrasonic holographic imaging method and apparatus
Italy	93906662.3		Ultrasonic holographic imaging apparatus having zoom feature
Italy	93900661.5		Ultrasonic holographic imaging method and apparatus

Germany	93906662.3	Ultrasonic holographic imaging apparatus having zoom feature
Germany	93900661.5	Ultrasonic holographic imaging method and apparatus
European member countries in European Patent Office)	93906662.3	Ultrasonic holographic imaging (filed apparatus having zoom feature
European member countries in European Patent Office)	93900661.5	Ultrasonic holographic imaging (filed method and apparatus
Canada	2,124,075	Ultrasonic holographic imaging method and apparatus
Canada	2,124,074	Ultrasonic holographic imaging apparatus having zoom feature
Japan	509570/93	Ultrasonic holographic imaging method and apparatus
Japan	509571/93	Ultrasonic holographic imaging apparatus having zoom feature

PENDING FOREIGN PATENT APPLICATIONS

Country or Treaty Organization

Number.

Date

<u>Title</u>

(THIS SPACE INTENTIONALLY LEFT BLANK)

COLUMBUS/0434633.01

RECORDED: 06/19/1998