· C)1-10-2000 ⊃ <i>≯</i>
	J.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
To the Honorable Commissioner of	rks: Please record the attached original documents or copy thereof.
1. Name of conveying party(ies): Diagnetics, Inc. 1700 Edison Drive	g me: <u>FINOVA Mezzanine Capital Inc.</u>
Milford, Ohio 45150 U.S. Patent & TMOfc/TM Ma	lil Ropt Dt. #26 .ernal Address:
Additional name(s) of conveying party(ies) attached? Yes No	
 3. Nature of conveyance: Assignment Merge Security Agreement Change of Name Other 	Street Address <u>500 Church Street</u> , Suite 200
	City: <u>Nashville</u> State: <u>Hennessee N</u> ZIP: <u>37219</u>
Execution Date: <u>November 12, 1999</u>	Additional name(s) & address(es) attached?
 4. Application number(s) or patent number(s) If this document is being filed together with a new application A. Patent Application No.(s) Additional number 	a, the execution date of the application is: B. Patent No.(s) 5,095,740 5,708,198 rs attached □ Yes ⊠ No
 Name and address of party to whom correspondence concerning document should be mailed: Name: Lori L. Smith 	6. Total number of applications and patents involved:
Internal Address: <u>Chambliss, Bahner & Stophel, P.C.</u>	 7. Total fee (37 CFR 3.41)\$ 80 ^{≤ ℓ} □ Enclosed □ Authorized to be charged to deposit account
Two Union Square City: Chattanooga State: Tennessee ZIP: 37402	8. Deposit account number <u>20-0052</u> (Attach duplicate copy of this page if paying by deposit account)
01/07/2000 UCURIES 00000064 200052 5095740 DO NOT USI	E THIS SPACE
original document. Christing E Wilson Lori L. Smith Name of Person Signing Total number of pages including cove Mail documents to be recorded Commissioner of Patents	tion is true and correct and any attached copy is a true copy of the
{04228_01/9609/00367572.DOC.}	PATENT

FIRST AMENDMENT TO TRADEMARK AND PATENT SECURITY AGREEMENT

THIS FIRST AMENDMENT TO TRADEMARK AND PATENT SECURITY AGREEMENT ("Amendment") dated as of the <u>/dr//</u> day of November, 1999 is made and entered into on the terms and conditions hereinafter set forth, by and between ENTEK IRD INTERNATIONAL CORPORATION, an Ohio corporation (formerly Entek Scientific Corporation) ("Borrower"), IRD MECHANALYSIS, INC., an Ohio corporation ("IRD"), DIAGNETICS, INC., an Oklahoma corporation ("Diagnetics"), and FINOVA MEZZANINE CAPITAL INC., a Tennessee corporation (formerly Sirrom Capital Corporation) ("Lender").

WITNESSETH:

WHEREAS, Lender made term loans to Entek Scientific Corporation in the original aggregate principal amount of Three Million Seven Hundred Fifty Thousand and No/100ths Dollars (\$3,750,000) (collectively, the "Loan") on the terms and conditions set forth in that certain Loan Agreement dated as of June 28, 1996, by and between Lender and Entek Scientific Corporation, as amended by that certain First Amendment to Loan Agreement and Loan Documents dated April 30, 1997, that certain Third Amendment to Loan Agreement and Loan Documents dated May 22, 1997 and that certain Third Amendment to Loan Agreement and Loan Documents of even date herewith, (as now or hereafter amended, the "Loan Agreement"); capitalized terms used herein but not otherwise defined shall have the meanings ascribed thereto in the Loan Agreement;

WHEREAS, the Loan is further evidenced and secured by certain agreements, documents and instruments as more particularly described in the Loan Agreement and defined therein as the "Loan Documents" including that certain Trademark and Patent Security Agreement by and between Borrower and Lender dated June 28, 1996 (the "Borrower Security Agreement"), that certain Trademark and Patent Security Agreement by and between IRD and Lender dated June 28, 1996 (the "IRD Security Agreement") and that certain Trademark and Patent Security Agreement by and between Diagnetics and Lender dated May 22, 1997 (the "Diagnetics Security Agreement") (the Borrower Security Agreement, the IRD Security Agreement and the Diagnetics Security Agreement are hereinafter referred to collectively as the "Security Agreements");

WHEREAS, Borrower, IRD and Diagnetics have subsequently acquired additional intellectual property;

WHEREAS, this Amendment shall amend the Security Agreements.

AGREEMENT:

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Borrower, IRD and Diagnetics and Lender hereby agree as follows:

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PATENT | REEL: 010470 FRAME: 0080 1. Schedule A to each Security Agreement is amended to add the following additional intellectual property:

Entek IRD International Corporation Pending U.S. Patent Applications			
Title	Ser. No.	Filing Date	
Evaluating Properties of Oil Using Dielectric Spectroscopy	09/075,622	05/11/98	
Order Tracking Signal Sampling Process	09/033,682	03/03/98	
Portable, Self-Contained Data Collection System & Methods	09/152,429	09/14/98	

Entek IRD International Corporation <u>In-Force U.S. Patents</u>			
Title	Patent No.	Issue Date	
Voltage Tuned Active Filter and Circuitry Simulating a Capacitance and an Inductance	4,383,230	05/10/83	
Portable Self-Contained Data Collection Systems and Methods	5,808,903	09/15/98	

Entek IRD International Corporation In-Force U.S. Trademark Registrations			
Mark	Reg. No.	Reg. Date	
Baseline	2,201,826	11/03/98	
Reliability Through Technology	2,204,297	11/17/98	
Turbomonitor	2,241,781	04/27/99	
Enteract	2,259,171	07/06/99	
Motormonitor	2,274,097	08/31/99	

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Entek IRD International Corporation Pending U.S. Trademark Applications			
Mark	Ser. No.	Filing Date	
Machine Wizard	75/306,739	06/11/97	
The Machinery Information Company	75/506,197	06/24/98	
Emonitor Odyssey	75/528,386	07/30/98	
Turbotrend	75/644,578	02/22/99	
Plantlink	75/608,083	12/18/98	
Enshare	75/730,863	06/16/99	
Enlab	75/729,566	06/16/99	
Entach	75/733,938	06/22/99	
Enpac	75/729,568	06/16/99	

	Aechanalysis, Inc.	
In-Force U.S.	Trademark Registrations	
Mark	Reg. No.	Reg. Date
CML	2,015,170	11/12/96

Diagnetics, Inc. In-Force U.S. Patents			
Title	Patent No.	Issue Date	
System for Monitoring and Analyzing Solid Contaminents in Fluids	5,095,740	03/17/92	
Ferrous Particle Counter	5,708,198	01/13/98	

2. The terms "Loan Document" and "Loan Documents" as defined in the Loan Agreement are amended to include this Amendment and any and all other documents relating to the Loan (i) by and between Borrower or any other person or entity and Lender or (ii) executed by Borrower or any other person or entity in favor of Lender.

3. Except as modified and amended hereby, the Security Agreements shall remain in full force and effect.

IN WITNESS WHEREOF, the parties hereto have executed this Amendment, or have caused this Amendment to be executed by their duly authorized officers, as of the day and year first above written.

BORROWER:

ENTEK IRD INTERNATIONAL CORPORATION, an Ohio corporation (formerly Entek Scientific Corporation)

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<u>IRD</u>:

IRD MECHANALYSIS, INC., an Ohio corporation

B Title

DIAGNETICS:

DIAGNETICS, INC., an Oklahoma corporation

By Title

LENDER:

FINOVA MEZZANINE CAPITAL INC., a Tennessee corporation (f/k/a Sirrom Capital Corporation)

By:	 	
Title:		

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IN WITNESS WHEREOF, the parties hereto have executed this Amendment, or have caused this Amendment to be executed by their duly authorized officers, as of the day and year first above written.

BORROWER:

ENTEK IRD INTERNATIONAL CORPORATION, an Ohio corporation (formerly Entek Scientific Corporation)

IRD:

IRD MECHANALYSIS, INC., an Ohio corporation

B١ Title

DIAGNETICS:

DIAGNETICS, INC., an Oklahoma corporation

B∢ Titl LENDER:

FINOVA MEZZANINE CAPITAL INC., a Tennessee corporation (f/k/a Sirrom Capital Corporation)

By Title

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