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PATENT

REEL: 010299 FRAME: 0611

Correspondent Name and Address

Area Code and Telephone Number

(216) 586-1309

99 OCT 14 AM 8:57

Name JACQUELINE M. O'BRIEN

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9

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Patent Application Number(s)

Patent Number(s)

| | | | | | |
|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> | 5,232,839 | <input type="text"/> | <input type="text"/> |
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
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If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

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| PCT <input type="text"/> | PCT <input type="text"/> | PCT <input type="text"/> |

Number of Properties

Enter the total number of properties involved.

1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00

Method of Payment: Deposit Account

Enclosed Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number: # 10-1202

Authorization to charge additional fees: Yes 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.

JACQUELINE M. O'BRIEN

Jacqueline M. O'Brien

OCTOBER 12, 1999

Name of Person Signing

Signature

Date

Patent and Trademark Security Agreement

Patents and Patent Applications

PATENTS OWNED BY AccuMed

| | Patent No. | Filed/Issued | Expires | Description |
|----|-------------------|---------------------|----------------|--|
| US | 5,607,860 | 3/4/97 | 6/7/15 | Dual chamber blood culture bottle |
| US | 5,573,951 | 11/12/96 | 6/7/15 | Dual chamber blood culture bottle with rotating inlet valve assembly |
| US | 5,652,143 | 7/29/97 | 6/7/15 | Dual chamber blood culture bottle with break seal |
| US | 5,580,786 | 12/6/96 | 6/7/15 | Dual chamber blood culture bottle with syringe capture and piston assembly |
| US | 5,232,839 | 8/3/93 | 6/14/10 | Detecting microbiological growth |
| US | 5,501,959 | 3/26/96 | 1/17/9 | Antibiotic and cytotoxic drug susceptibility assays using resazurin and poisoning agents |
| EP | 454,784 | 4/17/96 | 1/16/10 | Apparatus and methods for antimicrobial susceptibility testing of microorganisms |
| DE | 690226602.2 | 1/9/97 | 1/17/9 | Apparatus and methods for antimicrobial susceptibility testing of microorganisms |
| US | 5,073,857 | 12/17/91 | 6/1/9 | Method and Apparatus for Cell Analysis |
| US | 5,077,806 | 12/31/91 | 6/1/9 | Machine Vision Analysis Apparatus |

EXHIBIT

A-1

PATENT

REEL: 010299 FRAME: 0614

PATENTS LICENSED TO AccuMed

| | Patent No. | Filed/Issued | Expires | Description |
|----|-------------------|---------------------|----------------|--|
| US | 4,435,507 | 3/6/84 | 3/6/1 | Process and device for preparation of cell samples for cytological tests |
| US | 4,339,101 | 7/13/82 | 1/22/0 | Device for displacing a member, primarily a stage for optical instruments, in arbitrary directions in one and the same plane |
| US | 3,932,733 | 1/13/78 | Expired | Automatic focusing of an optical system |
| EP | 55748 | 9/19/84 | 1/14/1 | Cytological specimen preparation |

SUPPLEMENTAL PATENTS AND PATENT APPLICATIONS

| | Filed/Issued | Patent No. | Description |
|-----|---------------------|-------------------|---|
| US | 9/15/95 | 08/528789 | Automated specimen handler |
| US | 9/15/95 | 08/529220 | Individualized patient data for screening |
| CA | 9/13/96 | 2185511 | Individualized patient data for screening |
| DT | 9/16/96 | 19637741.2 | Individualized patient data for screening |
| UK | 9/16/96 | 9619296.8 | Individualized patient data for screening |
| US | 9/15/95 | 08/529188 | Simplifying implementation of specified functions |
| CA | 9/13/96 | 2185501 | Simplifying implementation of specified functions |
| DT | 9/16/96 | 19637755.2 | Simplifying implementation of specified functions |
| UK | 9/6/96 | 96118688.1 | Simplifying implementation of specified functions |
| CA | 9/13/96 | 2185500 | Multifunctional control unit |
| DT | 9/16/96 | 19637756.0 | Multifunctional control unit |
| UK | 9/16/96 | 9619298.4 | Multifunctional control unit |
| US | 9/15/95 | 08/528793 | Specimen management system |
| US | 9/15/95 | 08/528791 | Slide cassette |
| US | 1/11/96 | 08/584287 | Machine readable code |
| US | 10/25/96 | 08/736790 | Slide mapping |
| US | 4/23/97 | 08/845261 | Imaging and sampling using autofluorescence |
| US | 9/30/96 | 08/723828 | Slide dotter |
| US | 12/18/96 | 08/768711 | CIP/Multifunctional control unit |
| PCT | 1/30/95 | US95/01269 | Microbiological culture bottle method of making and using |
| US | 2/4/94 | 08/576050 | Culture bottle |
| CA | 2/4/94 | 2182511 | Culture bottle |
| CA | 1/16/90 | 2044265-4 | Apparatus and methods for antimicrobial susceptibility |
| JP | 1/16/90 | 503076/90 | Apparatus and methods for antimicrobial susceptibility |
| PCT | 1/16/90 | US90/00149 | Apparatus and methods for antimicrobial susceptibility |
| US | 1/17/98 | 07/298599 | Apparatus and methods for antimicrobial susceptibility |
| US | 12/21/95 | 08/576050 | Microbiological culture bottle method of making and using |

EXHIBIT A-2

| | | | |
|----|---------|-----------------------|--|
| FR | 1/16/90 | 90902964.7 | Apparatus and methods for antimicrobial susceptibility testing of microorganisms |
| IT | 1/16/90 | 90902964.7 | Apparatus and methods for antimicrobial susceptibility testing of microorganisms |
| UK | 1/16/90 | 90902964.7 | Apparatus and methods for antimicrobial susceptibility testing of microorganisms |
| SP | 1/16/90 | 90902964.7 | Apparatus and methods for antimicrobial susceptibility testing of microorganisms |
| US | | 5,518,895 | Device for detecting microorganisms using piezoelectric means |
| EP | 4/17/96 | 90902964.7 0454784 | Apparatus and methods for antimicrobial susceptibility |
| EP | 7/16/97 | 92203183.6 | Detecting microbiological growth |
| IT | | 92203183.6 | Detecting microbiological growth |
| SP | | 92203183.6 | Detecting microbiological growth |
| DE | | 92203183.6 | Detecting microbiological growth |
| FR | | 92203183.6 | Detecting microbiological growth |
| UK | | 92203183.6 | Detecting microbiological growth |
| JP | 1/30/95 | 7-520698 | Microbiological culture bottle method of making and using |
| EP | 1/30/95 | 95909409.5 | Microbiological culture bottle method of making and using |

Patent and Trademark Security Agreement

Registered Trademarks and Trademark Applications

| Mark | Ser. No. / Registration | Filed / Issued | Expiration |
|--|----------------------------|-------------------|------------|
| ESP | 1808411 | 11/30/93 | 11/30/13 |
| EZ DRAW | 1794215 | 9/21/93 | 9/21/13 |
| EZ VIEW | 1794214 | 9/21/93 | 9/21/13 |
| RELATIONAL CYTOPATHOLOGY REVIEW GUIDE | 75/039,855 | 9/2/97 | |
| ACCELL (stylized) | 75/039,858 | 1/3/96 | |
| TRACCELL (stylized) | 75/151,975 | 8/19/96 | |
| MACROVISION | 75/151,978 | 8/19/96 | |
| SPECIFIND | 75/151,885 | 8/19/96 | |
| FLUORETONE | 75/116,807 | 9/16/96 | |
| MACCELL | 75/170,554 | 9/23/96 | |
| PATHOS | 75/331,048 | 7/7/97 | |
| ACCELL-SAVANT | 75/333,889 | 7/11/97 | |
| INSIGHT | 74/708,367 | 7/26/95 | |



TRANSAMERICA
BUSINESS CREDIT

MEMORANDUM

Transamerica Business Credit
Technology Finance Division
76 Batterson Park Road
Farmington, CT 06032-2571
(860) 677-6466
(860) 677-6766 Fax

To: Charles Hardin, Esq.

Date: January 22, 1999

From: Greg Clark *gjc*

Re: Accumed International

Enclosed herein are two Acknowledgements of Termination of Collateral Assignment relating to liens on Accumed's intellectual property held by Transamerica Business Credit Corporation ("TBCC"). I deliver these documents to you to be held in escrow pending Accumed's full payment of all obligations owing to TBCC.