

04-30-1999

U.S. DEPARTMENT OF COMMERCE

RECORDATION FORM COVER SHEET  
PATENTS ONLYPatent and Trademark Office  
Docket No. 65733-0103

101026040

To the Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Dade Behring, Inc.

- ☐ Individual(s)      ☐ Association  
☐ General Partnership      ☐ Limited Partnership  
☒ Corporation-Delaware      ☐ Other

Additional name(s) of conveying party(ies) attached? ☐ Yes ☐ No

## 3. Nature of conveyance:

- ☒ Assignment      ☐ Merger  
☐ Security Agreement      ☐ Change of Name  
☐ Other:

Execution Date: January 27, 1999 and February 3, 1999

## 2. Name and address of receiving party(ies):

Name: Medical Analysis Systems, Inc.  
Internal Address:  
Street Address: 542 Flynn Road  
City, State, Zip: Camarillo, CA 93012

Additional name(s) & address(es) attached? ☐ Yes ☒ No

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

If this document is being filed together with a new application, the execution date of the application is:\*

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☒ Yes ☐ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Laurie A. Axford  
Foley & Lardner  
402 West Broadway, 23<sup>rd</sup> Floor  
San Diego, California 92101-3542

## 6. Total number of applications and patents involved: 25

## 7. Total fee (37 C.F.R. § 3.41): \$1,400.00

- ☒ Enclosed  
☐ Authorized to be charged to deposit account, referencing  
Attorney Docket 65733-0103.

## 8. Deposit account number: 50-0872

The Commissioner is hereby authorized to charge any fees under 37 C.F.R. § 1.21 that may be required by this paper, or to credit any overpayment to Deposit Account No.50-0872.

## DO NOT USE THIS SPACE

## 9. 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.

Name: Laurie A. Axford  
Registration No: 35,053

Signature

Date

4/12/99

Total number of pages comprising cover sheet, attachments and document: 8

04/27/1999 JSNABAZZ 000000% 500872 4489167

01 FO:581 560.00 CH 1400.00 OP

Mail documents to be recorded with required cover sheet information to:

U.S. Patent and Trademark Office  
Office of Public Records  
Box Assignments  
Crystal Gateway 4, Room 335  
Washington, D.C. 20231

114715

PATENT  
REEL: 9911 FRAME: 0574

**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

<b>Patent Appl. No. (A)</b>	<b>Patent No. (B)</b>	<b>Atty.'s Docket No.</b>
06/269,217	4,489,167	1109-0
06/331,479	4,431,741	1183-0
06/373,938	4,458,021	3072-0
07/121,499		3653-0
07/359,250		3653-0
07/361,836		3653-0
07/511,824		3653-0
07/559,547	5,023,186	3653-0
07/628,990		3653-0
07/794,693		3653-0
08/004,211		3653-0
08/252,383	5,422,278	3653-0
08/403,092	5,518,929	3653-0
07/217,243	4,994,375	3727-0
07/665,874		4109-0
08/080,444		4109-1
07/965,653	5,308,459	4109-2
07/965,456	5,310,878	4109-3
08/197,371	5,427,949	4109-4
08/213,892		4109-5
08/052,001		4343-0
08/351,975		4343-1
08/351,869	5,747,268	4343-2
08/272,239	5,532,941	4651-0
08/661,208		4651-1
08/564,526		5250-0
08/564,526		5250-1
08/400,158		9000-0
08/865,468		9018-0
08/898,649		9018-1
08/874,566		9021-0
08/898,538		9021-1
08/874,383		9022-0
06/653,346	3,973,913	L2922-0
06/853,928	4,126,575	L2926-0

**Mail documents to be recorded with required cover sheet information to:**

**U.S. Patent and Trademark Office  
Office of Public Records  
Box Assignments  
Crystal Gateway 4, Room 335  
Washington, D.C. 20231**

## ASSIGNMENT

This ASSIGNMENT (the "Assignment") is made by and between Dade Behring Inc. (the "Assignor"), a Delaware corporation, and Medical Analysis Systems, Inc. (the "Assignee"), a California corporation.

Assignor desires to assign to Assignee all of Assignor's right, title and interest in and to the patents, patent applications and invention disclosures set forth in Exhibit A attached hereto, together with the inventions and improvements as of the closing date, September 4, 1998, as listed in the "Amended and Restated Asset Purchase Agreement (Controls Division)", which are the subject of said patents, patent applications and invention disclosures (the "Intellectual Property").

In consideration for entering into the Amended and Restated Asset Purchase Agreement, effective as of September 4, 1998, by and between Assignor and Assignee, and for other good and valuable consideration, receipt and sufficiency of which is hereby acknowledged, Assignor has sold, assigned, transferred, and set over, and by these presents does hereby sell, assign, transfer and set over, to Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the Intellectual Property, and any and all Letters Patents in the United States of America and in all foreign countries which may be granted therefor and thereon, and any and all divisions, continuations and continuations-in-part of said applications, and any and all reissues and extensions of any of said patents, and any and all applications for patents pertaining to said invention disclosures, and all rights thereto under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said Assignee, for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patents have been or may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.

AND for the same consideration, said Assignor hereby covenants and agrees to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this Assignment.

AND said Assignor hereby requests the Commissioner of Patents to issue said Letters Patents in the United States resulting from said applications and any and all divisions, continuations and continuations-in-part of said applications, and reissues and extensions of said Letters Patents, to said Assignee for the sole use and behalf of said Assignee, its successors, legal representatives and assigns.

# CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of Ventura } ss.

On February 3, 1999, before me, Lynn Ellen Ruffing

Date

Name and Title of Officer (e.g., Jane Doe, Notary Public)

personally appeared Ivan E. Modrovich

Name(s) of Signer(s)

☒ personally known to me

☐ proved to me on the basis of satisfactory evidence

to be the person(s) whose name(s) is are subscribed to the within instrument and acknowledged to me that he she/they executed the same in his her/their authorized capacity(ies), and that by his her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Lynn Ellen Ruffing  
Signature of Notary Public

Place Notary Seal Above

## OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

### Description of Attached Document

Title or Type of Document: Assignment

Document Date: \_\_\_\_\_ Number of Pages: 1

Signer(s) Other Than Named Above: \_\_\_\_\_

### Capacity(ies) Claimed by Signer

Signer's Name: \_\_\_\_\_

☐ Individual

☒ Corporate Officer — Title(s): CEO

☐ Partner — ☐ Limited ☐ General

☐ Attorney in Fact

☐ Trustee

☐ Guardian or Conservator

☐ Other: \_\_\_\_\_

Signer Is Representing: \_\_\_\_\_

RIGHT THUMBPRINT OF SIGNER Top of thumb here
--

Executed this 27th day of January, 1999, at Deerfield, Illinois, U.S.A.

DADE BEHRING INC.

By: *Louise S. Pearson*

Name: Louise S. Pearson

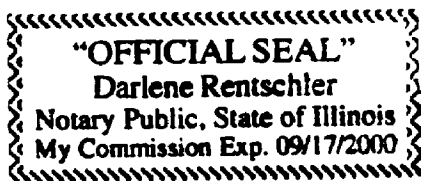
Title: Assistant Secretary

State of Illinois

) ss:

County of Lake

On this this 27th day of January, 1999, personally appeared Louise S. Pearson, known to me to be the person whose name is subscribed above and signed on behalf of Dade Behring Inc., in his/her capacity of Assistant Secretary.



*Darlene Rentschler*  
Notary Public

(seal)

We accept this assignment with all rights and obligations pertaining hereto;

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 1999, at \_\_\_\_\_.

MEDICAL ANALYSIS SYSTEMS, INC.

By: *Ivan E. Modrovich*

Name: IVAN E. MODROVICH

Title: PRES. & CEO

State of \_\_\_\_\_

) ss:

County of \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_, 1999, personally appeared \_\_\_\_\_, known to me to be the person whose name is subscribed above and signed on behalf of ~~Dade Behring Inc.~~ <sup>Medical Analysis Systems, Inc.</sup> in his/her capacity of \_\_\_\_\_.

\_\_\_\_\_  
Notary Public

(seal)

# EXHIBIT A

Reference Number	Country	Serial Number	Filing Date	Patent (Pub.) Number	Issue (Pub.) Date	Title
1109-0	UNITED STATES	06/269,217	06/02/81	4,489,167	12/18/84	Methods and Compositions for Cancer Detection
1109-0 JP	JAPAN	095572/82	06/02/82	1,616,363 (044030/90)	08/30/91 (10/02/90)	Methods and Compositions for Cancer Detection
1109-1 JP	JAPAN	40884/90	02/20/90	1,747,022 (028718/92)	03/25/93 (05/15/92)	Methods and Compositions for Cancer Detection
1183-0	UNITED STATES	06/331,479	12/17/81	4,431,741	02/14/84	Hypothyroid Control Serum
3072-0	UNITED STATES	06/373,938	05/03/82	4,458,021	07/03/84	Blood Gas Control
3072-0 PC	PCT	83/00480	04/04/83	(WO 83/03902)	(11/10/83)	Blood Gas Control
3072-0 CA	CANADA	427,238	05/03/83	1,199,561	01/21/86	Blood Gas Control
3072-0 EP	EUROPE	83901545.0	04/04/83			Blood Gas Control
3072-0 ES	SPAIN	522,069	05/03/83	522,069	06/18/84	Blood Gas Control
3072-0 JP	JAPAN	501607/83	01/04/84	1,686,741	08/11/92 (04/26/91)	Blood Gas Control
3653-0	UNITED STATES	07/121,499	11/17/87			Blood Gas/Electrolyte Calibrator and Quality Control
3653-0	UNITED STATES	07/359,250	05/31/89			Blood Gas/Electrolyte Calibrator and Quality Control
3653-0	UNITED STATES	07/361,836	06/01/89			Blood Gas/Electrolyte Calibrator and Quality Control
3653-0	UNITED STATES	07/511,824	04/16/90			Blood Gas/Electrolyte Calibrator and Quality Control
3653-0	UNITED STATES	07/559,547	07/18/90	5,023,186	06/11/91	Blood Gas/Electrolyte Calibrator and Methods of Making and Using the Same
3653-0	UNITED STATES	07/628,990	12/17/90			Blood Gas/Electrolyte Calibrator and Quality Control
3653-0	UNITED STATES	07/794,693	11/18/91			Blood Gas/Electrolyte Calibrator and Quality Control
3653-0	UNITED STATES	08/004,211	01/13/93			Blood Gas/Electrolyte Calibrator and Quality Control
3653-0	UNITED STATES	08/252,383	06/01/94	5,422,278	06/06/95	Blood Gas/Electrolyte Calibrator and Quality Control
3653-0	UNITED STATES	08/403,092	03/13/95	5,518,929	05/21/96	Method of Making a Blood Gas/Electrolyte Control
3727-0	UNITED STATES	07/217,243	07/11/88	4,994,375	02/19/91	Stable Human Serum Based Control And/Or Calibrant
3727-0 BE	BELGIUM	89306725.6	07/03/89	351,117	02/22/95	Stable Human Serum Based Control And/Or Calibrant
3727-0 CA	CANADA	604422	06/29/89	1,338,915	02/18/97	Stable Human Serum Based Control And/Or Calibrant
3727-0 CH	SWITZERLAND	89306725.6	07/03/89	351,117	02/22/95	Stable Human Serum Based Control And/Or Calibrant
3727-0 DE	GERMANY	89306725.6	07/03/89	351,117	02/22/95	Stable Human Serum Based Control And/Or Calibrant
3727-0 EP	EUROPE	89306725.6	07/03/89	351,117	02/22/95	Stable Human Serum Based Control And/Or Calibrant
3727-0 FR	FRANCE	89306725.6	07/03/89	351,117	02/22/95	Stable Human Serum Based Control And/Or Calibrant
3727-0 GB	GREAT BRITAIN	89306725.6	07/03/89	351,117	02/22/95	Stable Human Serum Based Control And/Or Calibrant
3727-0 IT	ITALY	89306725.6	07/03/89	351,117	02/22/95	Stable Human Serum Based Control And/Or Calibrant
3727-0 LI	LIECHTENSTEIN	89306725.6	07/03/89	351,117	02/22/95	Stable Human Serum Based Control And/Or Calibrant
3727-0 NL	NETHERLANDS	89306725.6	07/03/89	351,117	02/22/95	Stable Human Serum Based Control And/Or Calibrant
3727-0 SE	SWEDEN	89306725.6	07/03/89	351,117	02/22/95	Stable Human Serum Based Control And/Or Calibrant
4109-0	UNITED STATES	07/665,874	03/07/91			Biosynthetic Cerebrospinal Fluid Control and Method of Use
4109-1	UNITED STATES	08/080,444	06/21/93			Biosynthetic Cerebrospinal Fluid Control and Method of Use

# EXHIBIT A

Reference Number	Country	Serial Number	Filing Date	Patent (Pub.) Number	Issue (Pub.) Date	Title
4109-2	UNITED STATES	07/965,653	10/23/92	5,308,459	05/03/94	Biosynthetic Cerebrospinal Fluid Control and Method of Use
4109-3	UNITED STATES	07/965,456	10/23/92	5,310,878	05/10/94	Method for Purifying Prealbumin
4109-4	UNITED STATES	08/197,371	02/16/94	5,427,949	06/27/95	Biosynthetic Cerebrospinal Fluid Control and Method of Use
4109-5	UNITED STATES	08/213,892	03/16/94			Biosynthetic Cerebrospinal Fluid Control and Method of Use
4109-0 PC	PCT	US92/01555	02/24/92	WO 92/15887	09/17/92	Biosynthetic Cerebrospinal Fluid Control and Method of Use
4109-0 AT	AUSTRIA	92907722.0	02/24/92	142,345	09/04/96	Biosynthetic Cerebrospinal Fluid Control and Method of Use
4109-1 AU	AUSTRALIA	14583/92	02/24/92	648,159	08/16/94	Biosynthetic Cerebrospinal Fluid Control and Method of Use
4109-2 AU	AUSTRALIA	54999/94	02/09/94	670,157	12/10/96	Method of Preparing Purified Prealbumin
4109-3 AU	AUSTRALIA	12394/95	02/17/95			An Electrophoretic Method to Assess Human Cerebrospinal Fluid
4109-4 AU	AUSTRALIA	12397/95	02/17/95	674,623	05/26/97	Purified Stable Liquid Prealbumin
4109-5 AU	AUSTRALIA	12396/95	02/17/95	667,179	07/16/96	Biosynthetic Cerebrospinal Fluid Control
4109-0 BE	BELGIUM	92907722.0	02/24/92	546,127	09/04/96	Biosynthetic Cerebrospinal Fluid Control and Method of Use
4109-0 CA	CANADA	2081481	02/24/92			Biosynthetic Cerebrospinal Fluid Control and Method of Use
4109-0 DE	GERMANY	92907722.0	02/24/92	69,213,409.3	09/04/96	Biosynthetic Cerebrospinal Fluid Control and Method of Use
4109-0 DK	DENMARK	92907722.0	02/24/92	546,127	09/04/96	Biosynthetic Cerebrospinal Fluid Control and Method of Use
4109-0 EP	EUROPE	92907722.0	02/24/92	546,127	09/04/96	Biosynthetic Cerebrospinal Fluid Control and Process for Its Production
4109-1 EP	EUROPE	95203517.8	02/24/92	711,786	05/15/96	Purifying Prealbumin
4109-0 ES	SPAIN	92907722.0	02/24/92	2,093,823	09/04/96	Biosynthetic Cerebrospinal Fluid Control and Method of Use
4109-0 FR	FRANCE	92907722.0	02/24/92	546,127	09/04/96	Biosynthetic Cerebrospinal Fluid Control and Method of Use
4109-0 GB	GREAT BRITAIN	92907722.0	02/24/92	546,127	09/04/96	Biosynthetic Cerebrospinal Fluid Control and Method of Use
4109-0 IT	ITALY	92907722.0	02/24/92	546,127	09/04/96	Biosynthetic Cerebrospinal Fluid Control and Method of Use
4109-0 JP	JAPAN	507397/92	11/02/92			Biosynthetic Cerebrospinal Fluid Control and Method of Use
4109-0 LI	LIECHTENSTEIN	92907722.0	02/24/92	546,127	09/04/96	Biosynthetic Cerebrospinal Fluid Control and Method of Use
4109-0 LU	LUXEMBOURG	92907722.0	02/24/92	546,127	09/04/96	Biosynthetic Cerebrospinal Fluid Control and Method of Use
4343-0	UNITED STATES	08/052,001	04/22/93			Tumor Marker Control
4343-1	UNITED STATES	08/351,975	12/08/94			Tumor Marker Control
4343-2	UNITED STATES	08/351,869	12/08/94	5,747,268	05/05/98	Tumor Marker Control
4343-0 PC	PCT	US94/03884	04/08/94	WO 94/24569	10/27/94	Tumor Marker Control
4343-0 AU	AUSTRALIA	66292/94	04/08/94	679,743	11/13/97	Tumor Marker Control
4343-0 CA	CANADA	2,137,784	04/08/94			Tumor Marker Control
4343-1 CA	CANADA	2164666	12/07/95			Tumor Marker Control
4343-0 EP	EUROPE	94914089.1	04/08/94			Tumor Marker Control
4343-0 JP	JAPAN	523,333/1994	04/08/94			Tumor Marker Control
4651-0	UNITED STATES	08/272,239	07/08/94	5,532,941	07/02/96	Inter-laboratory Performance Monitoring System
4651-1	UNITED STATES	08/661,208	06/10/95			Inter-laboratory Performance Monitoring System
4651-0 PC	PCT	US95/08585	07/10/95			Inter-laboratory Performance Monitoring System
4651-0 AU	AUSTRALIA	30,050/95	07/10/95			Inter-laboratory Performance Monitoring System
4651-1 AU	AUSTRALIA	60,702/98	04/08/98			Inter-laboratory Performance Monitoring System

# EXHIBIT A

Reference Number	Country	Serial Number	Filing Date	Patent (Pub.) Number	Issue (Pub.) Date	Title
4651-0 CA	CANADA	2,170,376	07/10/95			Inter-laboratory Performance Monitoring System
4651-0 EP	EUROPE	95926215.5	07/10/95			Inter-laboratory Performance Monitoring System
4651-0 JP	JAPAN	504,430/96	07/10/95			Inter-laboratory Performance Monitoring System
5250-0	UNITED STATES	08/564,526	11/29/95			Human Heart CNBr Troponin Isoform and Use of Same
5250-1	UNITED STATES	08/564,526	01/14/98			Human Heart CNBr Troponin Isoform and Use of Same
5250-0 PC	PCT	US96/18878	11/26/96			Human Heart CNBr Troponin Isoform and Use of Same
5250-0 EP	EUROPE	96943518.9	11/26/96			Human Heart CNBr Troponin Isoform and Use of Same
5250-0 JP	JAPAN	520,594/1997	11/26/96			Human Heart CNBr Troponin Isoform and Use of Same
9000-0	UNITED STATES	08/400,158	03/07/95			Composition for Stabilizing Proteins and Protein Fragment
9000-0 PC	PCT	US96/03034	03/06/96			Composition for Stabilizing Proteins and Protein Fragment
9000-0 AU	AUSTRALIA	50929/96	03/06/96			Stabilizing Solutions for Proteins and Peptides
9000-0 CA	CANADA	527,023	03/06/96			Stabilizing Solutions for Proteins and Peptides
9000-0 DE	GERMANY	96907187.7	03/06/96	69,600,407.0	07/08/98	Composition for Stabilizing Proteins and Protein Fragment
9000-0 EP	EUROPE	96907187.7	03/06/96	759,074	07/08/98	Stabilizing Solutions for Proteins and Peptides
9000-0 ES	SPAIN	96907187.7	03/06/96	759,074	07/08/98	Composition for Stabilizing Proteins and Protein Fragment
9000-0 FR	FRANCE	96907187.7	03/06/96	759,074	07/08/98	Composition for Stabilizing Proteins and Protein Fragment
9000-0 IT	ITALY	96907187.7	03/06/96	759,074	07/08/98	Composition for Stabilizing Proteins and Protein Fragment
9000-0 JP	JAPAN	527,023/96	03/06/96			Stabilizing Solutions for Proteins and Peptides
9018-0	UNITED STATES	08/865,468	05/29/97			Troponin I Forms and Use of Same
9018-0 PC	PCT	US98/10485	05/22/98			Troponin I Forms and Use of Same
9018-1 PC	PCT	US98/10518	05/21/98			Troponin I Forms and Use of Same
9018-1	UNITED STATES	08/898,649	07/22/97			Covalently Coupled Troponin Complexes
9021-0	UNITED STATES	08/874,566	06/13/97			Cardiac Control
9021-0 PC	PCT	US98/11809	06/09/98			Cardiac Control
9021-1	UNITED STATES	08/898,538	07/22/97			Cardiac Control
9022-0	UNITED STATES	08/874,383	06/13/97			Chemistry Control
9022-0 PC	PCT	US98/10513	05/21/98			Chemistry Control
9022-0 IN	INDIA	1430/DEL/98	05/28/98			Chemistry Control
L2922-0	UNITED STATES	06/653,346	01/29/76	3,973,913	08/10/76	Blood Control Standard
L2922-0 BE	BELGIUM	179,382	01/16/78	856858	01/16/78	Blood Control Standard
L2922-0 ES	SPAIN	460,489	10/20/78	460489	10/20/78	Blood Control Standard
L2926-0	UNITED STATES	06/853,928	11/22/77	4,126,575	11/21/78	Blood Control Standard
L2926-0 BE	BELGIUM	6/46674	11/21/78	872,187	12/05/86	Blood Control Standard
L2926-0 CA	CANADA	307,901	07/21/78	1,091,558	12/16/80	Blood Control Standard
L2926-0 CH	SWITZERLAND	10219/78	10/02/78	639492	11/15/83	Improved Blood Control Standard
L2926-0 DE	GERMANY	P2850627.6	11/22/78	P2850627.6	02/11/88	Improved Blood Control Standard
L2926-0 DK	DENMARK	3857/78	08/31/78	155029	06/05/89	Improved Blood Control Standard
L2926-0 FR	FRANCE	7826097	09/12/78	7826097	11/23/84	Improved Blood Control Standard
L2926-0 GB	GREAT BRITAIN	7832661	08/08/78	2008245	07/21/82	Improved Blood Control Standard
L2926-0 IT	ITALY	51983A/78	11/21/78	1157714	02/18/87	Improved Blood Control Standard
L2926-0 JP	JAPAN	123126/78	10/05/78	1161922	08/10/83	A Method of Making a Blood Control Standard
IR-989047	Not Filed					Stabilization of Creatine Kinase
IR-989049	Not Filed					Stabilization of AST and ALT
IR-989052	Not Filed					Substitute for Total Bilirubin in Control and Calibrator Liquid Solutions
Not Assigned	Not Filed					Liquid Urine