

12/1/00

03-09-2000

Attorney Docket No. 009103-014610US



FORM PTO-1595
(Rev. 6-93)

er Sheet

U.S. Department of Commerce
Patent and Trademark Office

101285287

To the Honorable Asst. Commissioner for Patents. Please record the attached original documents or copy thereof.

RECEIVED
FEB - 1 PM 3:31
OPR/FINANCE

1. Name of conveying party(ies):

Lee Middleman; Paul D. Mannheim; Michael J. Bernstein;
Michael E. Fein

Additional name(s) of conveying parties attached?
 Yes No.

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

Name: Mallinckrodt Inc.
Internal Address: n/a
Street Address: 675 McDonnell Boulevard
City: Hazelwood State: MO ZIP: 63042

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other:

Execution Date: 12/13/1999; 12/16/1999

Additional names and addresses attached?
 Yes No

4. Application Number(s) or Patent Numbers.

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

A. Patent Application No(s): 09/407,016 B. Patent No(s): n/a

Additional numbers attached? Yes No

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

Name: Paul C. Haughey, Esq.
TOWNSEND AND TOWNSEND AND CREW LLP
Two Embarcadero Center, 8th Floor
San Francisco, California 94111-3834
(415) 576-0200

6. Total number of applications and patents involved 1

7. Total fee (37 CFR 3.41): \$40.00
 Enclosed Charge Fees to Deposit Account
 Charge any additional fees associated with this paper or during the pendency of this application, or credit any overpayment, to deposit account.

8. Deposit account number: 20-1430

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true of copy of the original document.

Paul C. Haughey _____ Signature _____ Date 1-27-00
Name of Person Signing

Atty Reg. No. 31,836 _____ Total number of pages including cover sheet, attachments and document 7

10. Change Correspondence Address to that of Part 5? Yes No

OMB No. 0651-0011 (exp. 4/94)

Mail documents to be recorded with required cover to: Do not detach this portion

03/08/2000 DNGUYEN 00000265 201430 09407016 Asst. Commissioner for Patents
Box: Assignments
40.00 CH Washington, D.C. 20231

PATENT
REEL: 010592 FRAME: 0733

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Lee Middleman, of 16 Coal Mine View, Portola Valley, CA 94028, Paul D. Mannheimer, of 4119 Sugar Maple Drive, Danville, CA 94506, Michael J. Bernstein, of 2713 Sherbear Drive, San Ramon, CA 94583, Michael E. Fein, of 1909 Lime Tree Lane, Mountain View, CA 94040, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: **MULTIPLE-CODE OXIMETER CALIBRATION
ELEMENT**

Date(s) of execution of Declaration: 12/13/1999; 12/16/1999

Filing Date: September 28, 1998

Application No.: 09/407,016 ; and

WHEREAS, Mallinckrodt Inc., a corporation of the state of Delaware, located at 675 McDonnell Boulevard, Hazelwood, MO, 63042, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain

Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignors hereby authorize and request Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: 12/16/99

Lee Middleman
Lee Middleman

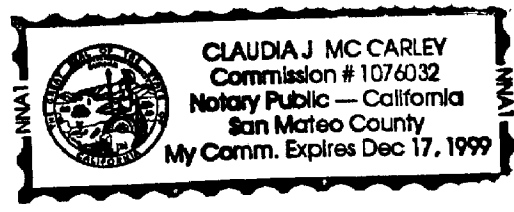
STATE OF CALIFORNIA)
COUNTY OF San Mateo) ss.

On Dec 16, 1999, before me, Claudia McCarley, personally appeared Lee Middleman, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Claudia J. McCarley
NOTARY PUBLIC

My Commission Expires: 12-17-99



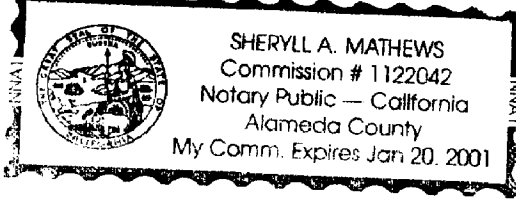
Dated: 12/13/99

Paul D. Mannheimer
Paul D. Mannheimer

STATE OF CALIFORNIA)
COUNTY OF Alameda) ss.

On Dec 13, 1999, before me, Sheryll A Mathews, personally appeared Paul D. Mannheimer personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.



Sheryll A Mathews
NOTARY PUBLIC

My Commission Expires: Jan, 20, 2001
12/13/99

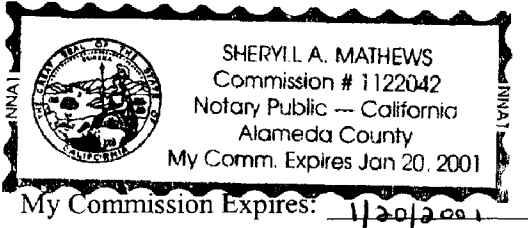
Dated: 12-13-99

Michael J. Bernstein
Michael J. Bernstein

STATE OF CALIFORNIA)
COUNTY OF Alameda) ss.

On Dec 13, 1999, before me, Sheryll A Mathews, personally appeared Michael J. Bernstein, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.



Sheryll A. Mathews
NOTARY PUBLIC

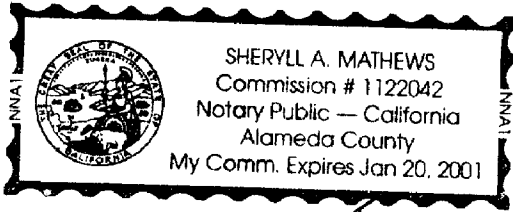
Dated: Dec 13, 1999


Michael E. Fein

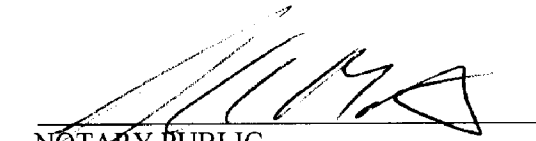
STATE OF CALIFORNIA)
)
COUNTY OF Alameda) ss.

On Dec 13, 1999, before me, Sheryll A Mathews, personally appeared Michael E. Fein personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.



My Commission Expires: Jan 20, 2001


NOTARY PUBLIC