

10-07-1999

FORM PTO-1595 (Modified)
(Rev. 6-93)
OMB No. 0651-0011 (exp. 4/94)
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P08/REV02



SHEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

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Tab settings

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

1. Name of conveying party(ies):
J. Bruce Pitner, John Jacob Hemperly, Richard D. Guarino, Magdalena Wodnicka, David T. Stitt, Gregory J. Burrell, Timothy G. Foley, Jr., and Patrick Shawn Beaty

2. Name and address of receiving party(ies):
Name: **BECTON, DICKINSON AND COMPANY**
Internal Address: **Attn: Richard J. Rodrick, Esq.**
Intellectual Property Department / MC 089

MRD 10-5-99

Additional names(s) of conveying party(ies) Yes No

Street Address: **1 Becton Drive**
City: **Franklin Lakes** State: **NJ** ZIP: **07417**

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

Execution Date: **09/02/99; 09/02/99; 09/02/99;**
09/28/99; 09/08/99; 09/08/99;
09/09/99; 09/27/99

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

4. Application number(s) or registration numbers(s):

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

A. Patent Application No.(s)

09/342,720

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: **BECTON, DICKINSON AND COMPANY**

Internal Address: **Attn: Richard J. Rodrick, Esq.**

Intellectual Property Department / MC 089

Street Address: **1 Becton Drive**

City: **Franklin Lakes** State: **NJ** ZIP: **07417**

6. Total number of applications and patents involved: **1**

7. Total fee (37 CFR 3.41):.....\$ **40.00**

Enclosed - Any excess or insufficiency should be credited or debited to deposit account
 Authorized to be charged to deposit account

8. Deposit account number:

02-1666

10/07/1999 MTHA11 00000109 021666 09342720

DO NOT USE THIS SPACE

19 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.

Bruce S. Weintraub/Reg. No. 34,277

Name of Person Signing

Signature

October 1, 1999

Date

Total number of pages including cover sheet, attachments, and document:

6

**Assignment of Rights, Title and Interest in Invention
(Multiple inventors; single assignee)**

Docket No.
P-2776P1P1

This is an Assignment of the following rights, title and interest: (check all that apply):

- United States of America rights, title and interest in the invention*
- Foreign rights, title and interest in the invention*
- United States Patent Application Serial No. 09/342,720*

Date of Execution: _____

Date of Filing: June 29, 1999

- United States Provisional Patent Application Serial No.* _____
- United States Patent No(s).* _____
- International (PCT) Patent Application Serial No.* _____
- Other (specify)* _____

Title of the Invention

DEVICE FOR MONITORING CELLS

Inventors (assignors)

<i>Name</i>	<i>Address</i>
J. Bruce Pitner	2903 Quincemoor Road, Durham, North Carolina 27712
John Jacob Hemperly	602 Pinewood Drive, Apex, North Carolina 27502
Richard D. Guarino	509 Sturminster Drive, Holly Springs, North Carolina 27540
Magdalena Wodnicka	307 Glaive Drive, Durham, North Carolina 27703
David T. Stitt	20050 Gore Mill Road, Freeland, Maryland 21053
Gregory J. Burrell	3055 Acorn Lane, Red Lion, Pennsylvania 17356
Timothy G. Foley, Jr.	1722 Pleasantville Road, Forest Hill, Maryland 21050
Patrick Shawn Beaty	50 Water Street, Selton, Pennsylvania 17322

Assignee

<i>Name</i>	<i>Address</i>
BECTON, DICKINSON AND COMPANY	1 Becton Drive Franklin Lakes, New Jersey 07417

**Assignment of Rights, Title and Interest in Invention
(Multiple inventors; single assignee)**

Docket No.
P-2776P1P1

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified Assignee;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

Inventors' Signatures (if Notarization is desired, do not sign here and proceed to next page)

<i>Name</i>	<i>Signature/Date</i>
J. Bruce Pitner	
John Jacob Hemperly	
Richard D. Guarino	
Magdalena Wodnicka	
David T. Stitt	
Gregory J. Burrell	
Timothy G. Foley, Jr.	
Patrick Shawn Eeaty	

Assignment of Rights, Title and Interest in Invention
(Multiple inventors; single assignee)

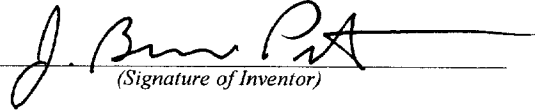
Docket No.
P-2776P1P1

Notarization

(Although notarization is not necessary, it will be considered prima facie evidence of execution pursuant to 35 U.S.C. 261.)

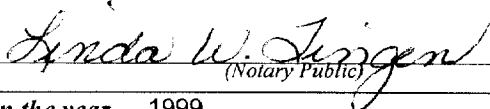
Executed this 2 day of September, in the year 1999

at


(Signature of Inventor)

State of North Carolina
County of Durham

Before me personally appeared J. Bruce Pitner
who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to
execute the same this 2 day of September, in the year 1999

My commission expires 7-31-02 
(Notary Public)

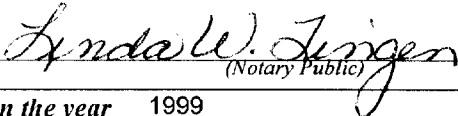
Executed this 2 day of September, in the year 1999

at


(Signature of Inventor)

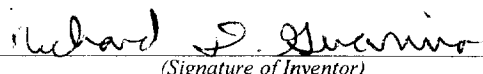
State of North Carolina
County of Durham

Before me personally appeared John Jacob Hemperly
who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to
execute the same this 2 day of September, in the year 1999

My commission expires 4-31-02 
(Notary Public)

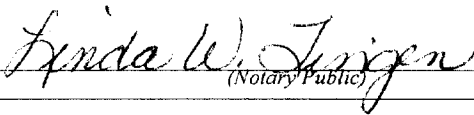
Executed this 2 day of September, in the year 1999

at


(Signature of Inventor)

State of North Carolina
County of Durham

Before me personally appeared Richard D. Guarino
who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to
execute the same this 2 day of September, in the year 1999

My commission expires 4-31-02 
(Notary Public)

Assignment of Rights, Title and Interest in Invention
(Multiple inventors; single assignee)

Docket No.
P-2776P1P1

Notarization

(Although notarization is not necessary, it will be considered prima facie evidence of execution pursuant to 35 U.S.C. 261.)

Executed this 28th day of September, in the year 1999
at RTP, NC

Magdalena Wodnicka
(Signature of Inventor)

State of NC

County of Johnston

Before me personally appeared Magdalena Wodnicka
who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to
execute the same this 28th day of September in the year 1999

Betty D. Stewart
(Notary Public)

Executed this 8th day of September, in the year 1999
at

David T. Stitt
(Signature of Inventor)

State of Maryland

County of Carroll

Before me personally appeared David T. Stitt
who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to
execute the same this 8th day of Sept. in the year 1999

Nancy J. Swain
(Notary Public)

Executed this 8th day of September, in the year 1999
at

Gregory J. Burrell
(Signature of Inventor)

State of Maryland

County of Carroll

Before me personally appeared Gregory J. Burrell
who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to
execute the same this 8th day of Sept. in the year 1999

Nancy J. Swain
(Notary Public)

Assignment of Rights, Title and Interest in Invention
(Multiple inventors; single assignee)

Docket No.
P-2776PIP1

Notarization

(Although notarization is not necessary, it will be considered prima facie evidence of execution pursuant to 35 U.S.C. 261.)

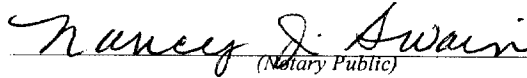
Executed this 9th day of September, in the year 1999

at

State of Maryland
County of Carroll


(Signature of Inventor)

Before me personally appeared Timothy G. Foley, Jr.
who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to
execute the same this 9th day of Sept. in the year 1999


(Notary Public)

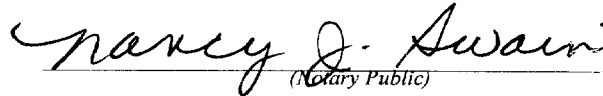
Executed this 27 day of September, in the year 1999

at

State of Maryland
County of Carroll


(Signature of Inventor)

Before me personally appeared Patrick Shawn Beaty
who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to
execute the same this 27th day of Sept. in the year 1999


(Notary Public)

Executed this _____ day of _____, in the year _____

at

State of _____
County of _____

(Signature of Inventor)

Before me personally appeared _____
who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to
execute the same this _____ day of _____ in the year _____

(Notary Public)