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P-4531



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FORM PTO-1595

RECO

(Rev. 6-93)

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

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

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

1. Name of conveying party(ies):
James G. Nadeau, C. Preston Linn, J. Bruce Pitner,
Cheryl H. Dean and G. Terrance Walker

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

2. Name and address of receiving party(ies):
Name: BECTON, DICKINSON AND COMPANY
Internal Address: Intellectual Property Department
Mail Code: 089
Street Address: 1 Becton Drive
City: Franklin Lakes State: NJ ZIP: 07417-1880
Additional name(s) & address(es) attached? Yes No

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

Execution Date: January 5, 2000 and February 2, 2000

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)
09/406,074

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: Intellectual Property Department
Mail Code: 089
Street Address: 1 Becton Drive
City: Franklin Lakes State: NJ ZIP: 07417-1880

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR §3.41):
 Enclosed
 Authorized to be charged to deposit account

8. Deposit account number: 02-1666

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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.

Donna R. Fugit
Name of Person Signing

Donna R. Fugit
Signature

February 7, 2000
Date

03/21/2000 DNGUYEN 00000222 021666 09406074

01 FC:581 40.00 CH

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

9

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

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

Docket No.
P-4531

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. _____

Date of Execution: _____

Date of Filing: _____

United States Provisional Patent Application Serial No. _____

United States Patent No(s). _____

International (PCT) Patent Application Serial No. _____

Other (specify) _____

Title of the Invention

UNIVERSAL PROBES AND METHODS FOR DETECTION OF NUCLEIC ACIDS

Inventors (assignors)

<i>Name</i>	<i>Address</i>
James G. Nadeau	710 Coker Lane, Chapel Hill, North Carolina 27514
C. Preston Linn	4110 Trotter Ridge Road, Durham, North Carolina 27707
J. Bruce Pitner	2903 Quincemoor Road, Durham, North Carolina
Cheryl H. Dean	205 Trails End Court, Raleigh, North Carolina 27614
G. Terrance Walker	209 Mt. Bolus Road, Chapel Hill, North Carolina

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-4531

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)

Name	Signature/Date
James G. Nadeau	
C. Preston Linn	<i>C. Preston Linn 1/5/00</i>
J. Bruce Pitner	<i>J. Bruce Pitner 1/5/00</i>
Cheryl H. Dean	<i>Cheryl H. Dean 1-05-00</i>
G. Terrance Walker	

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

Docket No.
P-4531

Notarization

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

Executed this _____ day of _____, in the year 1999
at _____

(Signature of Inventor)

State of North Carolina

County of _____

Before me personally appeared James G. Nadeau
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 1999

(Notary Public)

Executed this 5th day of January, in the year ~~1999~~ 2000
at RTP, NC

C. Preston Linn

(Signature of Inventor)

State of North Carolina

County of Johnston

Before me personally appeared C. Preston Linn
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 5th day of January, in the year ~~1999~~ 2000

Betty O. Stewart

C. Preston Linn

(Notary Public)

Executed this 5th day of January, in the year ~~1999~~ 2000
at RTP, NC

J. Bruce Pitner

(Signature of Inventor)

State of North Carolina

County of Johnston

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 5th day of January, in the year ~~1999~~ 2000

Betty O. Stewart

(Notary Public)

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

Docket No.
P-4531

Notarization

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

Executed this 5th day of January, in the year 1999 2000
at RTP, NC

Cheryl H. Dean
(Signature of Inventor)

State of North Carolina

County of Johnston

Before me personally appeared Cheryl H. Dean
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 5th day of January in the year 1999 2000

Betty O. Stewart
(Notary Public)

Executed this _____ day of _____, in the year 1999
at _____

(Signature of Inventor)

State of North Carolina

County of _____

Before me personally appeared G. Terrance Walker
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 1999

(Notary Public)

Executed this _____ day of _____, in the year _____
at _____

(Signature of Inventor)

State of _____

County of _____

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)

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

Docket No.
P-4531

Notarization

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

Executed this 2nd day of Feb., in the year ~~1999~~ 2000
at

State of ~~North Carolina~~ Maryland
County of Carroll

James G. Nadeau
(Signature of Inventor)

Before me personally appeared James G. Nadeau
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 2nd day of Feb., in the year ~~1999~~ 2000

Nancy J. Swain
(Notary Public)

Executed this _____ day of _____, in the year 1999
at

State of North Carolina
County of _____

(Signature of Inventor)

Before me personally appeared C. Preston Linn
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 1999

(Notary Public)

Executed this _____ day of _____, in the year 1999
at

State of North Carolina
County of _____

(Signature of Inventor)

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 _____ day of _____, in the year 1999

(Notary Public)

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

Docket No.
P-4531

Notarization

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

Executed this _____ day of _____, in the year 1999
at _____

(Signature of Inventor)

State of North Carolina

County of _____

Before me personally appeared Cheryl H. Dean
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 1999

(Notary Public)

Executed this 2nd day of Feb., in the year ~~1999~~ 2000
at _____

[Signature]
(Signature of Inventor)

State of ~~North Carolina~~ Maryland

County of Carroll

Before me personally appeared G. Terrance Walker
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 2nd day of Feb. in the year ~~1999~~ 2000

Nancy J. Swain
(Notary Public)

Executed this _____ day of _____, in the year _____
at _____

(Signature of Inventor)

State of _____

County of _____

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)