

02-12-2001

P-4902



FORM PTO-1595

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(Rev. 6-93)

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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):
Dolores M. Berger, William A. Nussbaumer, Thomas L. Fort and
Tobin J. Hellyer
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

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other:
Execution Date: January 12, 2001

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: January 12, 2001
A. Patent Application No.(s) B. Patent No.(s)
09/770 532 Additional numbers attached? Yes No

6. Total number of applications and patents involved: 1

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

7. Total fee (37 CFR §3.41):
 Enclosed
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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, Reg. No. 32,135
Name of Person Signing

Donna R. Fugit
Signature

25 JAN 2001
Date

Total number of pages including cover sheet, attachments and document: 5

JC974 U.S. PTO
09/770532
01/25/01

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

02/09/2001 6TOM11 00000155 021666 09770532

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REV. 08/06/93

PATENT
REEL: 011498 FRAME: 0581

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

Docket No.
P-4902

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

SEQUENCES AND METHODS FOR DETECTION OF HEPATITIS B VIRUS

Inventors (assignors)

<i>Name</i>	<i>Address</i>
Dolores M. Berger	6505 Loch Hill Court, Baltimore, Maryland 21239
William A. Nussbaumer	7 Corner Court, Apartment 201, Timonium, Maryland 21093
Thomas L. Fort	987 Ridge Road, Finksburg, Maryland 21048
Tobin J. Hellyer	110 Royalty Circle, Owings Mills, Maryland 2117

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-4902

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
Dolores M. Berger	
William A. Nussbaumer	
Thomas L. Fort	
Tobin J. Hellyer	

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

Docket No.
P-4902

Notarization

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

Executed this 12th day of January, in the year 2000

at

Dolores M. Berger
(Signature of Inventor)

State of Maryland
County of Carroll

Before me personally appeared Dolores M. Berger
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 12th day of January, in the year

Nancy J. Swain
(Notary Public)

Executed this 12th day of January, in the year 2000

at

William A. Nussbaumer
(Signature of Inventor)

State of Maryland
County of Carroll

Before me personally appeared William A. Nussbaumer
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 12th day of January, in the year

Nancy J. Swain
(Notary Public)

Executed this 12th day of January, in the year

at

Thomas L. Fort
(Signature of Inventor)

State of Maryland
County of Carroll

Before me personally appeared Thomas L. Fort
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 12th day of January, in the year 2000

Nancy J. Swain
(Notary Public)

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

Docket No.
P-4902

Notarization

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

Executed this 12th day of January, in the year 2000
at

State of Massachusetts
County of Carroll

Tobin J. Hellyer
(Signature of Inventor)

Before me personally appeared Tobin J. Hellyer
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 12th day of January, in the year

Nancy J. Swain
(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)

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)