

06-28-2002

P-2776P1P1P1P1P1



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SHEET

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): Richard David Guarino, John Jacob Hemperly, Catherine A. Spargo, Andrea Liebmann-Vinson and Mohammad A. Heidaran

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

6-24-02

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:

- X Assignment Merger Security Agreement Change of Name Other:

Execution Date: April 4, 2002 and April 9, 2002

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) 10/109,475

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

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.

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

Name of Person Signing

Signature

June 3, 2002

Date

06/27/2002 BBYRME 00000105 021666 10109475

01 FC:581 40.00 CH

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

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-2776P1P1P1P1P1

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

METHODS AND APPARATUS FOR THE DISCOVERY OF GROWTH PROMOTING ENVIRONMENTS

Inventors (assignors)

<i>Name</i>	<i>Address</i>
Richard David Guarino	509 Sturminster Drive, Holly Springs, North Carolina 27540
John Jacob Hemperly	602 Pinewood Drive, Apex, North Carolina 27502
Catherine A. Spargo	7103 Eastridge Drive, Apex, North Carolina 27502
Andrea Liebmann-Vinson	611 November Court, Willow Springs, North Carolina 27592
Mohammad A. Heidaran	207 Painted Fall Way, Cary, North Carolina 27513

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-2776P1P1P1P1P1

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>
Richard David Guarino	
John Jacob Hemperly	
Catherine A. Spargo	
Andrea Liebmman-Vinson	
Mohammad A. Heidaran	

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

Docket No.
P-2776P1P1P1P1

Notarization

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

Executed this 4th day of April, in the year 2002
at BD Technologies

Richard David Guarino
(Signature of Inventor)

State of North Carolina
County of Lee

Before me personally appeared Richard David 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 4th day of April, in the year 2002

Felix Ferrante Spier
(Notary Public)

Executed this 9th day of April, in the year 2002
at BD Technologies

John Jacob Hemperly
(Signature of Inventor)

State of North Carolina
County of Lee

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 9th day of April, in the year 2002

Felix Ferrante Spier
(Notary Public)

Executed this 9th day of April, in the year 2002
at BD Technologies

Catherine A Spargo
(Signature of Inventor)

State of North Carolina
County of Lee

Before me personally appeared Catherine A. Spargo
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 April, in the year 2002

Felix Ferrante Spier
(Notary Public)

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

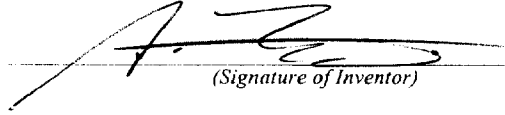
Docket No.
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(Although notarization is not necessary, it will be considered prima facie evidence of execution pursuant to 35 U.S.C. 261.)

Executed this 9th day of April, in the year 2002
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State of North Carolina
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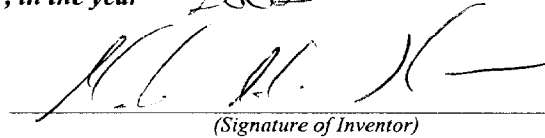

(Signature of Inventor)

Before me personally appeared Andrea Liebmann-Vinson
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 April in the year 2002

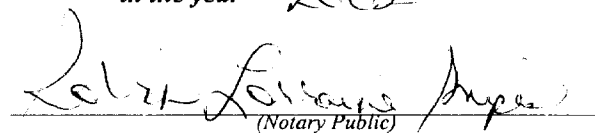
(Notary Public)

Executed this 9th day of April, in the year 2002
at BD Technologies

State of North Carolina
County of Lee


(Signature of Inventor)

Before me personally appeared Mohammad A. Heidaran
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 April in the year 2002


(Notary Public)

Executed this _____ day of _____, in the year _____
at ~~BD Technologies~~

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)