

05-24-2005

Form PTO-1595 (Rev. 09/04)
OMB No. 0651-0027 (exp. 6/30/2005)U.S. DEPARTMENT OF COMMERCE
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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):J. Bruce Pitner
Douglas B. Sherman
Arounaguiry Ambroise
K. Joseph Thomas

Execution Date(s) 05-17-2005

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No**3. Nature of conveyance:**

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)Name: Becton, Dickinson and Company

Internal Address: _____

Street Address: 1 Becton DriveCity: Franklin LakesState: NJCountry: USA Zip: 07417Additional name(s) & address(es) attached? ☐ Yes ☒ No**4. Application or patent number(s):**☒ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☐ No**5. Name and address to whom correspondence concerning document should be mailed:**Name: Becton, Dickinson and Company

Internal Address: _____

Street Address: 1 Becton DriveCity: Franklin LakesState: NJ Zip: 07417Phone Number: (201) 847-5604Fax Number: (201) 848-9228

Email Address: _____

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card
☐ Authorized to be charged to deposit account
☒ Enclosed
☐ None required (government interest not affecting title)

8. Payment Informationa. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number _____

Authorized User Name _____

9. Signature:

Signature

05-18-2005

Date

Garrett V. Davis

Name of Person Signing

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

4

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

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PATENT
REEL: 016581 FRAME: 0547

ASSIGNMENT

WHEREAS, We (1) J. Bruce Pitner, a U.S. citizen, (2) Douglas B. Sherman, a U.S. citizen, (3) Arounaguiry Ambroise, a French citizen, and (4) K. Joseph Thomas, an Indian citizen, residing respectively at (1) 2903 Quincemoor Road, Durham, NC 27712, and (2) 7 Lansgate Court, Durham, NC 27713, (3) 1708 Macalpine Circle, Morrisville, NC 27560, and (4) 8522 Eden Park Drive, Raleigh, NC 27613 (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to:

"LONG WAVELENGTH THIOL-REACTIVE FLUOROPHORES"

for which we are making application for Letters Patent of the United States of America, which application is being filed concurrently herewith, which claims the benefit under 35 U.S.C. §119(e) of previously filed United States Provisional Application Serial Nos. 60/573,944, filed May 21, 2004 and 60/599,514, filed August 6, 2004;

WHEREAS, Becton, Dickinson and Company, a corporation of the State of New Jersey, (hereinafter called "Assignee"), is desirous of acquiring the entire right, title, and interest therein;

NOW, THEREFORE, BE IT KNOWN that for and in consideration of the premises and in acknowledgment, confirmation and performance of obligations which arose out of the terms and conditions of agreements that relate to Assignors' employment by Assignee at the time the invention was made, and/or other valuable considerations to them, the receipt and sufficiency of which are hereby acknowledged, Assignors have assigned and transferred, and do hereby assign and transfer unto said Assignee the entire rights, titles and interest in and to all said inventions and discoveries disclosed in said applications whose identification above by serial number and filing date, when available, is hereby authorized, and in and to said provisional and non-provisional applications and, all substitutions, divisions, and continuations thereof, and in and to all Letters Patent, United States and foreign, that may be granted for said inventions and discoveries, and in and to all extensions, renewals, and reissues thereof, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignors if this Assignment and sale had not been made;

And Assignors hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue said Letters Patent in accordance with this Assignment;

And for the consideration aforesaid, Assignors covenant and agree with said Assignee that they have a full and unencumbered title to the inventions and discoveries above described and hereby assigned, which title they warrant unto said Assignee, its successors and assigns;

And for the consideration aforesaid, Assignors further covenant and agree that they will, whenever requested, but without cost to them, promptly communicate to said Assignee or its representatives any facts known to them relating to said inventions and discoveries, testify in any interference or legal proceedings involving said inventions and discoveries, and execute any additional papers that may be necessary to enable said Assignee or its representatives, successors, nominees, or assigns to secure full and complete protection for

the said inventions and discoveries or that may be necessary to vest in said Assignee the complete title to the said inventions and discoveries and patents hereby conveyed and to enable it to record said title.

IN TESTIMONY WHEREOF, Assignors have hereunto set their hand and seal this
17th day of May, 2005.

(L.S.) J. Bruce Pitner
(1) J. Bruce Pitner

(L.S.) Douglas B. Sherman
(2) Douglas B. Sherman

(L.S.) S. Arunaguiry Ambroise
(3) Arunaguiry Ambroise

(L.S.) K. Joseph Thomas
(4) K. Joseph Thomas

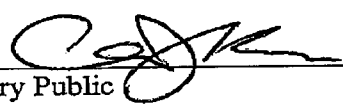
☒ NOTARIZATION PAGE ADDED

STATE OF North Carolina

COUNTY OF Wake

BE IT REMEMBERED, that on this 17th day of May, 2005, before
me, a Notary Public, personally appeared J. Bruce PITNER,
Douglas B. Sherman Arounaguiry Ambrose K. Joseph Thomas,
_____, _____, _____,
_____, _____, _____,

who I am satisfied is/are the person(s) named in and who executed the foregoing instrument
in my presence, and I having first made known to him or her the contents thereof, he or she
did acknowledge that he or she signed, sealed, and delivered the same as his or her voluntary
act and deed for the uses and purposes therein expressed.



Notary Public

