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1. Name of conveying party(ies)/Execution Date(s):

- (a) David C. Ward
- (b) Michael Speicher
- (c) Stephen Gwyn Ballard
- (d) John T. Wilson
- (e)
- (f)

Execution Date(s):

- (a) 07/27/1998
- (b) 07/27/1998
- (c) 07/27/1998
- (d) 08/03/1998
- (e)
- (f)

2. Name and address of receiving party(ies):

Name: Yale University

Street Address: 451 College Street

City: New Haven

State: Connecticut

Country: USA

Zip: 06520

Additional name(s) of conveying party(ies) attached? ☐ YES ☒ NO

Additional name(s) of address(es) attached? ☐ YES ☒ NO

3. Nature of conveyance:

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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):

6,506,563

Additional numbers attached?

☐ Yes

☒ No

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

CUSTOMER NUMBER 23859
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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
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- ☒ Enclosed
- ☐ None required (government interest not affecting title)

8. 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.

Name: Scott D. Marty

Registration No.: 53,277

Signature

Total Number of pages including cover sheet, attachments, and documents: 5

12-7-05
Date

CERTIFICATE OF FACSIMILE TRANSMISSION

I certify that this correspondence and any items indicated as attached or included herein are being sent via facsimile transmission to 571/273-0140, ATTN: Patent and Trademark Assignment System, on behalf of the Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on the date indicated below.

Scott D. Marty

12-7-05
Date

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to each of the undersigned: David C. Ward, Michael Speicher, Stephen Gwyn Ballard, John T. Wilson the undersigned hereby sell(s) and assign(s) to Yale University (the Assignee) his/her entire right, title and interest

check applicable box(es) ☒ for the United States of America (as defined in 35 U.S.C. § 100),
☒ and throughout the world,

in the invention(s) known as MULTIPARAMETRIC FLUORESCENCE IN SITU HYBRIDIZATION for which application(s) for patent in the United States of America has (have) been executed by the undersigned on 7/27/98 and 8/3/98 (also known as United States Application No. 09/088,845, filed June 2, 1998), in any and all applications thereon, in any and all Letters Patent(s) therefor, and in any and all reissues, extensions, renewals, reexaminations of such applications or Letters Patent(s) and divisional and continuation applications thereof, to the full end of the term or terms for which such Letters Patent(s) issue, including all claims, if any, that may have arisen for infringement prior to the date of this assignment, such entire right, title and interest to be held and enjoyed by the above-named Assignee to the same extent as they would have been held and enjoyed by the undersigned had this assignment and sale not been made.

The undersigned agree(s) to execute all papers necessary in connection with the application(s) and any continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference that may be declared concerning the application(s) or any continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned hereby represents that the undersigned has full right to convey the entire interest herein assigned, and that the undersigned has not executed, and will not execute, any agreement in conflict therewith.

The undersigned hereby grant(s)

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IN WITNESS WHEREOF, executed by the undersigned on the date(s) opposite their name(s).

Date: <u>07/27/98</u>	Signature of Inventor: <u>David C. Hard</u>
Date: <u>7-27-98</u>	Signature of Inventor: <u>Michael Guider</u>
Date: <u>7/27/98</u>	Signature of Inventor: <u>Stephen George Barrant</u>
Date: <u>8/3/98</u>	Signature of Inventor: <u>[Signature]</u>