


Form PTO-1595 (Rev. 11/08)  
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## RECORDATION FORM COVER SHEET PATENTS ONLY

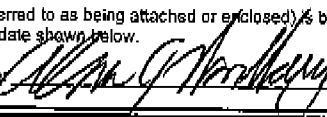
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

|   |   |
|---|---|
| <b>1. Name of conveying party(ies):</b><br>Neil Butt (10/14/2002), Matthew Baker (10/14/2002), and Navin D. Pathirana (10/14/2002)<br>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  | <b>2. Name and address of receiving party(ies)</b><br>Name: <u>Whatman Bioscience Limited</u><br>Internal Address: _____<br>Street Address: <u>Granta Park Abington</u><br><u>CAMBRIDGE</u><br><u>CB1 6GR</u><br><u>UNITED KINGDOM</u><br>City: _____<br>State: _____<br>Country: _____ Zip: _____<br>Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  |
| <b>3. Nature of conveyance/Execution Date(s):</b><br>Execution Date(s): <u>in parentheses after inventor name</u><br><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Change of Name<br><input type="checkbox"/> Security Agreement <input type="checkbox"/> Joint Research Agreement<br><input type="checkbox"/> Government Interest Assignment<br><input type="checkbox"/> Executive Order 9424, Confirmatory License<br><input type="checkbox"/> Other _____  | <b>4. Application or patent number(s):</b> <input type="checkbox"/> This document is being filed together with a new application.<br>A. Patent Application No.(s)<br><u>11/810,593</u><br>B. Patent No.(s)<br>_____<br>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |
| <b>5. Name and address to whom correspondence concerning document should be mailed:</b><br>Name: <u>David G. Conlin</u><br><u>EDWARDS ANGELL PALMER &amp; DODGE</u><br><u>LLP</u><br>Internal Address: <u>Atty. Dkt.: 58193DIV(71745)</u><br>Street Address: <u>P.O. Box 55874</u><br>City: <u>Boston</u><br>State: <u>MA</u> Zip: <u>02205</u><br>Phone Number: <u>(617) 517-5515</u><br>Fax Number: <u>(888) 325-9129</u><br>Email Address: <u>DConlin@eapdlaw.com</u>  | <b>6. Total number of applications and patents involved:</b> <span style="border: 1px solid black; padding: 2px 10px;">1</span><br><b>7. Total fee (37 CFR 1.21(h) &amp; 3.41)</b> \$ <u>40.00</u><br><input checked="" type="checkbox"/> Authorized to be charged to deposit account<br><input type="checkbox"/> Enclosed<br><input type="checkbox"/> None required (government interest not affecting title)<br><b>8. Payment Information</b><br>Deposit Account Number <u>04-1105</u><br>Authorized User Name <u>David G. Conlin</u> |
| <b>9. Signature:</b><br><div style="text-align: center;"> <br/>       Signature<br/>       Kathryn A. Piffat, Ph.D., Esq. - 34,901<br/>       Name of Person Signing     </div> <div style="text-align: right;">       December 9, 2008<br/>       Date     </div> <div style="text-align: right; margin-top: 10px;">       Total number of pages including cover sheet, attachments, and documents: <span style="border: 1px solid black; padding: 2px 10px;">5</span> </div> |   |

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being transmitted by facsimile to the Patent and Trademark Office, facsimile no. (571) 273-0140, on the date shown below.

Dated: December 9, 2008

Signature



(Alma J. Woodberry)

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**PATENT**  
**REEL: 021955 FRAME: 0865**

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Attorney Docket No. 58193 (71745)

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**ASSIGNMENT**

WHEREAS, We, **Neil BUTT**, of Abington, Cambridge, Great Britain, inventor, and a citizen of the United Kingdom; and **Matthew BAKER**, of Abington, Cambridge, Great Britain, inventor, and a citizen of the United Kingdom; and **Navin PATHIRANA**, of Abington, Cambridge, Great Britain, inventor, and a citizen of the United Kingdom (hereinafter referred to as "Assignors"), have invented certain new and useful improvements in "**Inhibiting Denaturation of Nucleic Acid Duplexes**", for which an application for United States Letters Patent with the same title has been filed under \_\_\_\_\_ on \_\_\_\_\_, and

WHEREAS, **Whatman Bioscience Limited**, having a principal place of business at Granta Park, Abington, Cambridge, United Kingdom (hereinafter referred to as the "Assignee"), is desirous of acquiring the entire right, title and interest in and to the same invention, and in and to the said application, and any Letters Patent that may issue thereon;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for and in consideration of One Dollar (\$1.00), and other valuable and legally sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, and transferred, and do hereby sell, assign and transfer to the Assignee, its successors and assigns, their entire right, title and interest for the United States in and to the said invention and in and to the said application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, in whole or in part, re-examinations, and extensions thereof, and all applications claiming priority therefrom; and the Assignors hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as their interest is concerned, to the Assignee; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for which any and all of said Letters Patent for said invention may issue, to the same extent as the Assignors would hold and enjoy if this Assignment had not been made.

The Assignors also have sold, assigned, and transferred, and do hereby sell, assign and transfer to the Assignee, its successors and assigns, their entire right, title and interest in and to the invention disclosed in said application, in all countries of the world foreign to the United States, including the right to file applications and obtain patents for said invention in its own name in said countries and including all rights of priority in said countries under the terms of any applicable international convention; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for which any and all of said Letters Patent for said invention may issue, to the same extent as the Assignors would hold and enjoy if this Assignment had not been made.

Attorney Docket No. 58193 (71745)

Page 2 of 2

The Assignors further agree to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights, and also agree, at the request of the Assignee, to testify in any legal proceedings, sign all lawful papers, make all lawful oaths, and generally do everything possible to aid said Assignee, its successors and assigns, to obtain, maintain and enforce patent protection for said invention in all countries.

The Assignors also hereby grant the law firm of Dike, Bronstein, Roberts & Cushman, Intellectual Property Group of EDWARDS & ANGELL, LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this documents.

IN WITNESS WHEREOF, the Assignors have caused this Assignment to be executed.

14 October 2002  
Date

Neil Butt  
Neil BUTT

14 October 2002  
Date

Matthew Baker  
Matthew BAKER

\_\_\_\_\_  
Date

\_\_\_\_\_  
Navin PATHIRANA

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Attorney Docket No. 58193 (71745)

Page 1 of 2

**ASSIGNMENT**

WHEREAS, We, **Neil BUTT**, of Abington, Cambridge, Great Britain, inventor, and a citizen of the United Kingdom; and **Matthew BAKER**, of Abington, Cambridge, Great Britain, inventor, and a citizen of the United Kingdom; and **Navin PATHIRANA**, of Abington, Cambridge, Great Britain, inventor, and a citizen of the United Kingdom (hereinafter referred to as "Assignors"), have invented certain new and useful improvements in "**Inhibiting Denaturation of Nucleic Acid Duplexes**", for which an application for United States Letters Patent with the same title has been filed under \_\_\_\_\_ on \_\_\_\_\_, and

WHEREAS, **Whatman Bioscience Limited**, having a principal place of business at Granta Park, Abington, Cambridge, United Kingdom (hereinafter referred to as the "Assignee"), is desirous of acquiring the entire right, title and interest in and to the same invention, and in and to the said application, and any Letters Patent that may issue thereon;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for and in consideration of One Dollar (\$1.00), and other valuable and legally sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, and transferred, and do hereby sell, assign and transfer to the Assignee, its successors and assigns, their entire right, title and interest for the United States in and to the said invention and in and to the said application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, in whole or in part, re-examinations, and extensions thereof, and all applications claiming priority therefrom; and the Assignors hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as their interest is concerned, to the Assignee; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for which any and all of said Letters Patent for said invention may issue, to the same extent as the Assignors would hold and enjoy if this Assignment had not been made.

The Assignors also have sold, assigned, and transferred, and do hereby sell, assign and transfer to the Assignee, its successors and assigns, their entire right, title and interest in and to the invention disclosed in said application, in all countries of the world foreign to the United States, including the right to file applications and obtain patents for said invention in its own name in said countries and including all rights of priority in said countries under the terms of any applicable international convention; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for which any and all of said Letters Patent for said invention may issue, to the same extent as the Assignors would hold and enjoy if this Assignment had not been made.

PATENT

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Attorney Docket No. 58193 (71745)

Page 2 of 2

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The Assignors also hereby grant the law firm of Dike, Bronstein, Roberts & Cushman, Intellectual Property Group of EDWARDS & ANGELL, LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this documents.

IN WITNESS WHEREOF, the Assignors have caused this Assignment to be executed.

Date

Neil BUTT

Date

Matthew BAKER

Date

14th Oct. 02

Navin PATHIRANA

BOS2 312196.1

PATENT

RECORDED 12/09/2008

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