

ASSIGNMENT RECORDATION FORM COVER SHEET *Patents Only*

To the Director of the Patent and Trademark Office:
Please record the attached original documents or copy thereof.

Attorney Dkt. No.: 040989/274137

1. Name of conveying parties:

Lynn F. Dickey
John R. Gasdaska
Kevin M. Cox
Charles G. Peele
David Spencer

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

2. Name and address of receiving party:

Biolex, Inc.
158 Credle Street
Pittsboro, NC 27312

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:

 Assignment
 Merger
 Security Agreement
 Change of Name
 Other _____
Execution Date: July 27, 2004

Additional name(s) & address(es) attached? Yes No

4. Application No. 10/794,615; filed March 5, 2004 Patent No. _____

If this document is being filed together with a new application, the execution date of the application is:

Additional numbers attached? Yes No

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

ALSTON & BIRD LLP
Bank of America Plaza
101 South Tryon Street, Suite 4000
Charlotte, NC 28280-4000

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41) \$40.00
 Enclosed
 Authorized to be charged to deposit account

8. Deposit account number: 16-0605

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.*

Kathryn L. Coulter
Name of Person Signing: Kathryn L. Coulter
Reg. No. 45,889

July 30, 2004
Date

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

USPTO Fax Number for New Assignments (703) 306-5995

GH \$40.00 160606 10794615

Attorney Docket No. 040989/274137

ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

Biolex, Inc.
158 Credle Street
Pittsboro, NC 27312

its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries in and to the invention in **"EXPRESSION OF BIOLOGICALLY ACTIVE POLYPEPTIDES IN DUCKWEED"**

as set forth in this United States Patent Application

- executed concurrently herewith
- executed on
- Application No. 10/794,615; filed March 5, 2004
- Application claims priority from Application No. 60/675,011, filed September 30, 2003, which is a continuation-in-part of 09/915,873, filed July 26, 2001, which claims the benefit of U.S. Provisional Application 60/221,705, filed July 31, 2000 and U.S. Provisional Application 60/293,330, filed May 23, 2001, all applications listed above being hereinafter referred to as the "application(s)";

said application for United States Letters Patent, including all divisional, renewal, substitute, continuation, nonprovisionals, continuation-in-parts, and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues, reexaminations, and extensions of Letters Patent granted for said inventions or upon said applications and every priority right that is or may be predicated upon or arise from said inventions, said applications, and said Letters Patent; said Assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said Assignee or otherwise as said Assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents and Trademarks of the United States of America being hereby authorized to issue or transfer all said Letters Patent to said Assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right theretofore given, and that the undersigned will do all acts reasonably serving to ensure that the said inventions, patent applications and Letters Patent shall be held and enjoyed by said Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said Assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, declarations, and lawful affidavits in form and substance which may be requested by said Assignee, to furnish said Assignee with all facts relating to said inventions or the history thereof and any and all documents, photographs,

models, samples or other physical exhibits which may embody said inventions, and to testify in any proceedings relating to said inventions, patent applications, and/or Letters Patent.

The undersigned hereby grant(s) an authorized representative of Assignee the power to insert in this Assignment any further identification that may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

27 Jul 04
Date

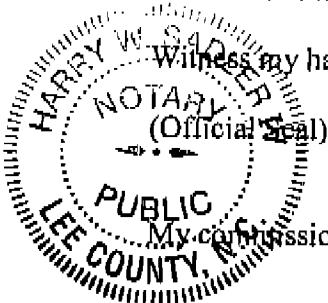
Lynn F. Dickey
Lynn F. Dickey

State of North Carolina)

County of Chatham)

I, Harry W. Sadler IV, a Notary Public for said County and State, do hereby certify that Lynn F. Dickey personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 27th day of July, 2004.



[Signature]
Notary Public

27 Jul 2004
Date

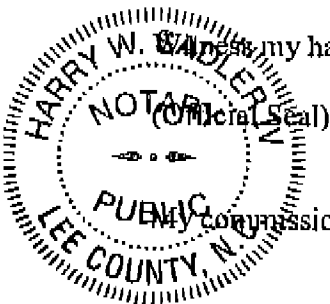
[Signature]
John R. Gasdaska

State of North Carolina)

County of Chatham)

I, Harry W. Sadler, a Notary Public for said County and State, do hereby certify that John R. Gasdaska personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 27th day of July, 2004.



[Signature]
Notary Public

Date July 27, 2004

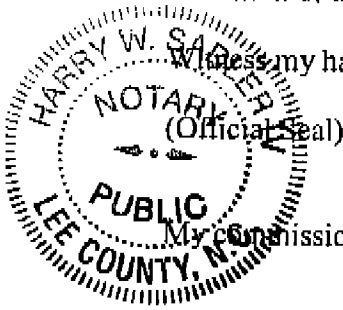
[Signature]
Kevin M. Cox

State of North Carolina)

County of Chatham)

I, Harry W. Sadler IV, a Notary Public for said County and State, do hereby certify that Kevin M. Cox personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 27th day of July, 2004.



(Official Seal)

My commission expires May 01, 2008

[Signature]
Notary Public

Date 27 Jul 2004

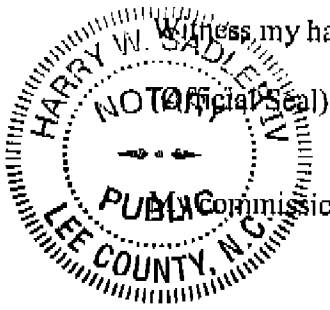
[Signature]
Charles G. Peele

State of North Carolina)

County of Chatham)

I, Harry W. Sadler IV, a Notary Public for said County and State, do hereby certify that Charles G. Peele personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 27th day of July, 2004.



(Official Seal)

My commission expires May 01, 2008

[Signature]
Notary Public

Date July 27, 2004

David Spencer
David Spencer

State of North Carolina

County of Chatham

I, Harry W. Sadler IV, a Notary Public for said County and State, do hereby certify that David Spencer personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 27th day of July, 2004.



Harry W. Sadler IV
Notary Public