

01-23-2001

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PATENTS ONLY

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

William E. Jack Ina Schildkraut 2001
Julie Forney Menin JAN 5 2000

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

Name: New England Biolabs, Inc. /
Internal Address:

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

Street Address: 32 Tozer Road

3. Nature of Conveyances:

[X] Assignment [] Merger
[] Security Agreement [] Change of Name
[] Other:

City: Beverly State: MA Zip: 01915

Execution Date: December 7, 2000
December 15, 2000

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

4. Application number(s) or patent number(s):

If this document is being filing together with a new Application, the execution date of the application is: October 17, 2000
November 20, 2000

A. Patent Application No.(s)

09/738,444

B. Patent No.(s)

Additional numbers attached? No

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

Gregory D. Williams
Name: General Counsel
New England Biolabs, Inc.
Street Address: 32 Tozer Road
City: Beverly State: MA Zip: 01915

6. Total number of applications and patents involved: one

7. Total fee (37 CFR 3.41): \$ 40.00

[X] Enclosed
[] Authorized to be charged to deposit account

8. Deposit Account Number: 14-0740

(Attach duplicate copy of this page if paying by deposit account)

01/22/2001 DBYRNE 00000169 09738444

01 FC:581

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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.

Gregory D. Williams (Reg. No. 30901)

Name of Person Signing

Signature

Date

Total number of pages comprising cover sheet: one

OMB No. 0651-0011 (exp. 4/94)

ASSIGNMENT

We, Wililam E. Jack, Ira Schildkraut and Julie Forney Menin for good and valuable consideration from New England Biolabs, Inc., a Massachusetts Corporation, having its principal place of business in Beverly, Massachusetts, hereinafter called the Assignee, receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto the Assignee, its successors and assigns, the entire right, title, and interest in, to and under an application for Letters Patent of the United States Serial No. _____, signed by me on uneven date herewith for improvements in **USE OF SITE-SPECIFIC NICKING ENDONUCLEASES TO CREATE SINGLE-STRANDED REGIONS AND APPLICATIONS THEREOF** including all priority rights ensuing therefrom, and the inventions and any of them therein set forth and described, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor, together with the right to apply for such Letters Patent.

And for the above consideration I agree promptly upon request of the Assignee, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, divisional, continuation or reissue, or other papers which may be necessary or desirable to secure to the Assignee, said application and all patent rights therein, in the United States and in any country foreign thereto.

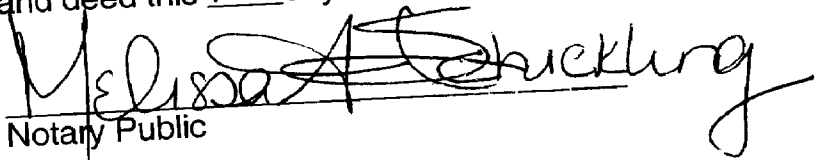
IN WITNESS THEREOF, I, William E. Jack, hereunder set my hand and seal this 15 day of December, 2000, and I, Ira Schildkraut, hereunder set my hand and seal this 7th day of December, 2000, and I, Julie Forney Menin, hereunder set my hand and seal this 15th day of December, 2000.




William E. Jack

Commonwealth (State) of Massachusetts
County of Essex ss.

Before me personally appeared said William E. Jack and acknowledged the foregoing instrument of assignment to be [her] his free act and deed this 15th day of December, 2000



Notary Public



Ira Schildkraut

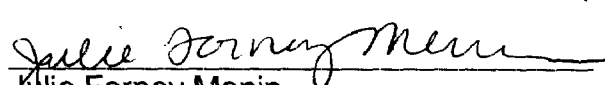
Commonwealth (State) of Massachusetts
County of Essex ss.

Before me personally appeared said Ira Schildkraut and acknowledged the foregoing instrument of assignment to be [her] his free act and deed this 07 day of December, 2000.



Notary Public

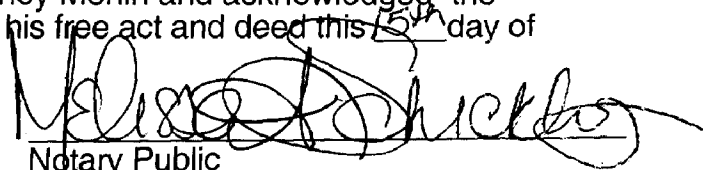
MY COMMISSION EXPIRES MAY 17, 2002



Julie Forney Menin

Commonwealth (State) of Massachusetts
County of Essex ss.

Before me personally appeared said Julie Forney Menin and acknowledged the foregoing instrument of assignment to be [her] his free act and deed this 15th day of December, 2000.



Notary Public