#### PATENT ASSIGNMENT

# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

#### **CONVEYING PARTY DATA**

| Name                                          | Execution Date |
|-----------------------------------------------|----------------|
| Hendricus Renerus Jacobus Mattheus Hoogenboom | 07/25/1995     |
| Andrew David Griffiths                        | 07/21/1995     |
| Kaspar Philipp Holliger                       | 07/21/1995     |
| James David Marks                             | 07/25/1995     |
| Timothy Piers Clackson                        | 07/25/1995     |
| Gregory Paul Winter                           | 07/20/1995     |
| Timothy Peter Bonnert                         | 07/21/1995     |

#### **RECEIVING PARTY DATA**

| Name:           | MEDICAL RESEARCH COUNCIL |
|-----------------|--------------------------|
| Street Address: | 20 Park Crescent         |
| City:           | London                   |
| State/Country:  | UNITED KINGDOM           |
| Postal Code:    | W1N 4AL                  |

#### PROPERTY NUMBERS Total: 1

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 09416902 |

#### **CORRESPONDENCE DATA**

Fax Number: (312)873-3714

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: (312) 595-1408

Email: kozlowskid@howrey.com

Correspondent Name: David W. Clough, Ph.D.

Address Line 1: Howrey LLP

Address Line 2: 321 N. Clark Street, Suite 3400
Address Line 4: Chicago, ILLINOIS 60654

ATTORNEY DOCKET NUMBER: 05569.0004.DVUS06

REEL: 022898 FRAME: 0442

09416902

CH \$40,00

PATENT

| NAME OF SUBMITTER:                                                   | David W. Clough, Ph.D.      |  |  |
|----------------------------------------------------------------------|-----------------------------|--|--|
| Total Attachments: 14                                                |                             |  |  |
| source=Assignment - Inventors to Medical F                           | Research Council#page1.tif  |  |  |
| source=Assignment - Inventors to Medical F                           | Research Council#page2.tif  |  |  |
| source=Assignment - Inventors to Medical F                           | Research Council#page3.tif  |  |  |
| source=Assignment - Inventors to Medical F                           | Research Council#page4.tif  |  |  |
| source=Assignment - Inventors to Medical F                           | Research Council#page5.tif  |  |  |
| source=Assignment - Inventors to Medical F                           | Research Council#page6.tif  |  |  |
| source=Assignment - Inventors to Medical F                           | Research Council#page7.tif  |  |  |
| source=Assignment - Inventors to Medical F                           | Research Council#page8.tif  |  |  |
| source=Assignment - Inventors to Medical F                           | Research Council#page9.tif  |  |  |
| source=Assignment - Inventors to Medical F                           | Research Council#page10.tif |  |  |
| source=Assignment - Inventors to Medical F                           | Research Council#page11.tif |  |  |
| source=Assignment - Inventors to Medical F                           | Research Council#page12.tif |  |  |
| source=Assignment - Inventors to Medical Research Council#page13.tif |                             |  |  |
| source=Assignment - Inventors to Medical F                           | Research Council#page14.tif |  |  |

Serial No:

USSN 07/971,857

Filed as PCT/GB91/01134 on 10 July 1991

Title:

"Methods for Producing Members of Specific Binding Pairs"

For Ten Dollars (\$10.00), and other good and valuable consideration, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assigns to Medical Research Council, 20 Park Crescent, London W1N 4AL (hereinafter "Assignee"), its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, having serial number USSN 07/971,857, filed as PCT/GB91/01134 on 10 July 1991, and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension thereof.

The undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorizes and requests the attorneys of record in said application to insert in this assignment the execution date and/or filing date and serial number of said application when officially known.

The undersigned warrants himself/herself to be the owner of the interest herein assigned and to have the right to make this assignment; and further warrants that there are no outstanding prior assignments, licences, or other rights in the interest herein assigned.

For said consideration the undersigned hereby agrees, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation, continuation-in-part and substitute applications for said invention or improvements, and any necessary oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns, may deem necessary

WITNESS my hand and seal this 25 day of July, Nineteen Hundred and Ninety Five.

Hendricus Renerus Jacobus Mattheus Hoogenboom

Witnesses:

1) \_\_\_\_\_\_ (Signature)

Name: TT /UTGERINK (Print Name)

2) (Signature)

Name: (Print Name)

Serial No:

USSN 07/971,857

Filed as PCT/GB91/01134 on 10 July 1991

Title:

"Methods for Producing Members of Specific Binding Pairs"

For Ten Dollars (\$10.00), and other good and valuable consideration, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assigns to Medical Research Council, 20 Park Crescent, London W1N 4AL (hereinafter "Assignee"), its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, having serial number USSN 07/971,857, filed as PCT/GB91/01134 on 10 July 1991, and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension thereof.

The undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorizes and requests the attorneys of record in said application to insert in this assignment the execution date and/or filing date and serial number of said application when officially known.

The undersigned warrants himself/herself to be the owner of the interest herein assigned and to have the right to make this assignment; and further warrants that there are no outstanding prior assignments, licences, or other rights in the interest herein assigned.

For said consideration the undersigned hereby agrees, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation, continuation-in-part and substitute applications for said invention or improvements, and any necessary oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns, may deem necessary

| $\lambda$ |  |
|-----------|--|
|           |  |
| $\sqrt{}$ |  |
|           |  |

WITNESS my hand and seal this 2! day of July, Nineteen Hundred and Ninety Five.

A Coffey (SEAL)

Name: TIMOTITY POTON GREEN (Print Name)

Serial No:

USSN 07/971,857

Filed as PCT/GB91/01134 on 10 July 1991

Title:

"Methods for Producing Members of Specific Binding Pairs"

For Ten Dollars (\$10.00), and other good and valuable consideration, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assigns to Medical Research Council, 20 Park Crescent, London W1N 4AL (hereinafter "Assignee"), its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, having serial number USSN 07/971,857, filed as PCT/GB91/01134 on 10 July 1991, and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension thereof.

The undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorizes and requests the attorneys of record in said application to insert in this assignment the execution date and/or filing date and serial number of said application when officially known.

The undersigned warrants himself/herself to be the owner of the interest herein assigned and to have the right to make this assignment; and further warrants that there are no outstanding prior assignments, licences, or other rights in the interest herein assigned.

For said consideration the undersigned hereby agrees, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation, continuation-in-part and substitute applications for said invention or improvements, and any necessary oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns, may deem necessary

WITNESS my hand and seal this \( \square\) day of July, Nineteen Hundred and Ninety Five.

Raspar Philipp Holliger (SEAL)

Witnesses:

1) \_\_\_\_\_ (Signature)
Name: TIMOTHY PETER GREEN (Print Name)

Serial No:

USSN 07/971,857

Filed as PCT/GB91/01134 on 10 July 1991

Title:

"Methods for Producing Members of Specific Binding Pairs"

For Ten Dollars (\$10.00), and other good and valuable consideration, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assigns to Medical Research Council, 20 Park Crescent, London W1N 4AL (hereinafter "Assignee"), its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, having serial number USSN 07/971,857, filed as PCT/GB91/01134 on 10 July 1991, and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension thereof.

The undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorizes and requests the attorneys of record in said application to insert in this assignment the execution date and/or filing date and serial number of said application when officially known.

The undersigned warrants himself/herself to be the owner of the interest herein assigned and to have the right to make this assignment; and further warrants that there are no outstanding prior assignments, licences, or other rights in the interest herein assigned.

For said consideration the undersigned hereby agrees, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation, continuation-in-part and substitute applications for said invention or improvements, and any necessary oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns, may deem necessary

WITNESS my hand and seal this 25 day of July, Nineteen Hundred and Ninety Five.

Witnesses:

1) # Word Indovation (Signature)

Name: KRISTEN RUDOVSKY (Print Name)

2) Sara Tawoy (Signature)
Name: SARA TARBOX (Print Name)

Serial No:

USSN 07/971,857

Filed as PCT/GB91/01134 on 10 July 1991

Title:

"Methods for Producing Members of Specific Binding Pairs"

For Ten Dollars (\$10.00), and other good and valuable consideration, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assigns to Medical Research Council, 20 Park Crescent, London W1N 4AL (hereinafter "Assignee"), its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, having serial number USSN 07/971,857, filed as PCT/GB91/01134 on 10 July 1991, and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension thereof.

The undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorizes and requests the attorneys of record in said application to insert in this assignment the execution date and/or filing date and serial number of said application when officially known.

The undersigned warrants himself/herself to be the owner of the interest herein assigned and to have the right to make this assignment; and further warrants that there are no outstanding prior assignments, licences, or other rights in the interest herein assigned.

For said consideration the undersigned hereby agrees, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation, continuation-in-part and substitute applications for said invention or improvements, and any necessary oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns, may deem necessary

WITNESS my hand and seal this 25 day of July, Nineteen Hundred and Ninety Five.

Timothy Piers Clackson

(SEAL)

Witnesses:

1) R.M. POMOM (Signature)

Name: Roy on Pollock (Print Name)

2) (Signature)

Name: VICTOR M. RIVERA (Print Name)

1

Serial No:

USSN 07/971,857

Filed as PCT/GB91/01134 on 10 July 1991

Title:

"Methods for Producing Members of Specific Binding Pairs"

For Ten Dollars (\$10.00), and other good and valuable consideration, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assigns to Medical Research Council, 20 Park Crescent, London W1N 4AL (hereinafter "Assignee"), its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, having serial number USSN 07/971,857, filed as PCT/GB91/01134 on 10 July 1991, and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension thereof.

The undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorizes and requests the attorneys of record in said application to insert in this assignment the execution date and/or filing date and serial number of said application when officially known.

The undersigned warrants himself/herself to be the owner of the interest herein assigned and to have the right to make this assignment; and further warrants that there are no outstanding prior assignments, licences, or other rights in the interest herein assigned.

For said consideration the undersigned hereby agrees, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation, continuation-in-part and substitute applications for said invention or improvements, and any necessary oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns, may deem necessary

WITNESS my hand and seal this 20day of July, Nineteen Hundred and Ninety Five.

Gregory Paul Winter

(SEAL)

Name: JANE CLARKE (Print Name)

Serial No:

USSN 07/971,857

Filed as PCT/GB91/01134 on 10 July 1991

Title:

"Methods for Producing Members of Specific Binding Pairs"

For Ten Dollars (\$10.00), and other good and valuable consideration, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assigns to Medical Research Council, 20 Park Crescent, London W1N 4AL (hereinafter "Assignee"), its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, having serial number USSN 07/971,857, filed as PCT/GB91/01134 on 10 July 1991, and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension thereof.

The undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorizes and requests the attorneys of record in said application to insert in this assignment the execution date and/or filing date and serial number of said application when officially known.

The undersigned warrants himself/herself to be the owner of the interest herein assigned and to have the right to make this assignment; and further warrants that there are no outstanding prior assignments, licences, or other rights in the interest herein assigned.

For said consideration the undersigned hereby agrees, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation, continuation-in-part and substitute applications for said invention or improvements, and any necessary oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns, may deem necessary

WITNESS my hand and seal this 21 day of July, Nineteen Hundred and Ninety Five.

Timothy Peter Bonnert

**RECORDED: 06/30/2009** 

(Signature)

(Print Name)

REEL: 022898 FRAME: 0457