

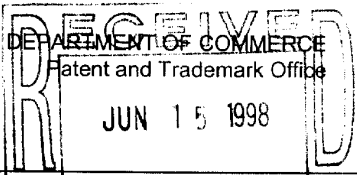
07-01-1998

RE



US DEPARTMENT OF COMMERCE  
Patent and Trademark Office

EET



100752660

To the Honorable Commissioner of Patents and Trademarks

1. Name of conveying party(ies):  
**Eric Cleveland BIGHAM, Grady Evan BOSWELL, Roy Archibald SWARINGEN, Jr; Eric Eugene BOROS, Robert Anthony MOOK, Jr., Sanjay Shashikant PATEL and Vincente SAMANO**  
 Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies):  
 Name: **GLAXO WELLCOME INC.**  
 Internal Address: **Global Intellectual Property Dept.**  
 Street Address: **5 MOORE DRIVE**  
**PO Box 13398**  
 City: **RTP** State: **NC** Zip: **27709-3398**  
 Additional name(s) & address(es) attached? YES

3. Nature of conveyance:  
**X Assignment** Merger  
 Security Agreement Change of Name  
 Other \_\_\_\_\_


Execution Date March 23, 1998, March 23, 1998, March 24, 1998, March 23, 1998, March 19, 1998, March 23, 1998 and March 19, 1998

4. Application number(s) or patent number(s):  
 If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_  
 A. Patent Application No.(s) B. Patent No.(s)  
**PCT/EP98/01651 filed 23 March 1998**  
 additional numbers attached? Yes X No

5. Name and address of party to whom correspondence concerning document should be mailed:  
 Name: **David J. Levy**  
 Internal Address: **Glaxo Wellcome Inc.**  
**Global Intellectual Property**  
 Street Address: **Five Moore Drive**  
**PO Box 13398**  
 City: **RTP** State: **NC** Zip: **27709**

6. Total number of applications and patents involved: 1  
 7. Total fee (37 CFR 3.41):.....\$40.00  
**X Authorized to be charged to deposit account**  
 8. Deposit account number: 07-1392

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.*  
 \_\_\_\_\_  
 Shah R. MAKUJINA  Date 6/9/98  
 Total number of pages comprising cover sheet: 1 of 2

06/30/1998 TTOM11 00000040 071392 PCTEP9801651

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RECORDATION FORM COVER SHEET  
**PATENTS ONLY**

JUN 15 1998

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.	
1. Name of conveying party(ies):  Additional name(s) of conveying party(ies) attached?  3. Nature of conveyance:  Security Agreement Other _____	2. Name and address of receiving party(ies):  Name: <b>GLAXO GROUP LIMITED</b> Internal Address: <b>Glaxo Wellcome House</b> Street Address: <b>Berkeley Avenue</b> <b>Greenford Middlesex, United Kingdom</b> <b>UB6 ONN, UK</b> Additional name(s) & address(es) attached? <u>NO</u>
4. Application number(s) or patent number(s):  A. Patent Application No.(s)  B. Patent No.(s)  Additional numbers attached?    Yes <u>X</u> No	
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: <b>David J. Levy</b> Internal Address: <b>Glaxo Wellcome Inc.</b> <b>Global Intellectual Property</b> Street Address: <b>Five Moore Drive</b> <b>PO Box 13398</b> City: <b>RTP</b> State: <b>NC</b> Zip: <b>27709</b>	6. Total number of applications and patents involved: <u>1</u>  7. Total fee (37 CFR 3.41):.....\$40.00  8. Deposit account number:            07-1392
DO NOT USE THIS SPACE	
9. Statement and signature. <i>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.</i>	
 _____ Shah R. MAKUJINA                                 Signature	_____ Date   6/9/98
Total number of pages comprising cover sheet: <u>2 of 2</u>	

Assignment

WHEREAS, I/we, **Eric Cleveland BIGHAM, Grady Evan BOSWELL, John Joseph SAVARESE, Roy Archibald SWARINGEN, Jr., Eric Eugene BOROS, Robert Anthony MOOK, Jr.**, all citizens of the United States of America, and **Sanjay Shashikant PATEL**, a citizen of the United Kingdom and **Vincente SAMANO**, a citizen of Mexico residing respectively in, Chapel Hill, North Carolina; Cary, North Carolina; Southbury, Connecticut; Durham, North Carolina; Chapel Hill, North Carolina; Chapel Hill, North Carolina; Cary, North Carolina and Chapel Hill, North Carolina have invented or discovered certain improvements in **ULTRA SHORT ACTING NEUROMUSCULAR BLOCKERS** hereinafter referred to as said invention and improvements for which a patent application GB9724987.4 was filed on 27 November 1997 in the United Kingdom and for which an international PCT application is now being filed designating the United States of America and naming assignor as inventor, and in the United States only applicant/inventor. We hereby authorize and request that the filing date and application number of said PCT application, when known, be inserted here in parentheses (Application No. PCT|EP98/01651 filed 23 March 1998 ).

WHEREAS, **GLAXO WELLCOME INC.**, a corporation organized and existing under and by virtue of the laws of the State of North Carolina and having its principal place of business at Five Moore Drive, Research Triangle Park, North Carolina 27709, USA, is desirous of acquiring the whole right, title and interest in and to said invention and improvements and said applications, and in and to any Letters Patent to be obtained therefor, in the United States of America, its territories and possessions; and

WHEREAS, **GLAXO GROUP LIMITED.**, a company incorporated in England, whose registered office is at Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex, UB6 ONN, UK, is desirous of acquiring the whole right, title and interest in and to said invention and improvements, and in and to any applications for said invention and improvements and any Letters Patent to be obtained therefor, in all countries other than the United States of America, its territories and possessions;

NOW, THEREFORE, to all whom it may concern, be it known that I/ we **Eric Cleveland BIGHAM, Grady Evan BOSWELL, John Joseph SAVARESE, Roy Archibald SWARINGEN, Jr., Sanjay Shashikant PATEL, Eric Eugene BOROS, Robert Anthony MOOK, Jr., Vincente SAMANO** for good and valuable consideration unto me/us moving, the receipt whereof is hereby acknowledged, have sold, assigned and transferred, and by these presents do sell, assign and transfer my/our whole right, title and interest in and to said invention and improvements to said **GLAXO WELLCOME INC.**, throughout the United States of America, its territories and possessions, and in and to said application and any extensions, reissues, continuations, continuations-in-part, and any divisions thereof, and in and to any and all Letters Patent of the United States of America;

AND, my/our whole right, title and interest in and to said invention and improvements to **GLAXO GROUP LTD.** in all countries throughout the world other than in the United States of America, its territories and possessions, and in and to any applications in said countries, and continuations-in-part, patents of addition, revalidation patents, patents of importation, registrations, and any renewals, extensions and divisions thereof, and in and to any and all Letters Patent of said countries which may be granted on said invention and improvements including any priority rights under the International Convention.

AND, I/we do hereby authorize and request the issue of any Letters Patent in the respective areas referred to, to said **GLAXO WELLCOME INC.** or **GLAXO GROUP LTD.**, as assignees of my/our whole right, title and interest in and to the same for the sole use and behoof of the said assignees, their successors and assigns as their interests appear herein;

AND, I/we warrant that I/we have not knowingly conveyed to others any right in said invention, improvements, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing said invention and improvements and that I/we have good right to assign the same to **GLAXO WELLCOME INC.** and **GLAXO GROUP LTD.**;

AND, I/we the undersigned **Eric Cleveland BIGHAM, Grady Evan BOSWELL, John Joseph SAVARESE, Roy Archibald SWARINGEN, Jr., Sanjay Shashikant PATEL, Eric Eugene BOROS,**

**Robert Anthony MOOK, Jr., Vincente SAMANO** for the consideration aforesaid, do hereby agree that I/we or my/our executors or legal representatives, will provide information and make, execute and deliver any and all other instruments in writing, and any and all further acts, application papers, affidavits, assignments and other documents which may be necessary or desirable to more effectually secure to and vest in said **GLAXO WELLCOME INC.** and **GLAXO GROUP LTD**, their successors and assigns, the whole right, title and interest in and to the said invention and improvements, applications, Letters Patent, rights, title and interest hereby sold, assigned and conveyed, or intended so to be. *This assignment should be deemed effective as of 27 November 1997.*

IN WITNESS WHEREOF, I/we have hereunto set my/our hand(s) and affixed my/our seal(s) on the date(s) indicated below.

Eric C. Bigham March 23, 1998  
Inventor: **Eric Cleveland BIGHAM** Date:

State of: NC  
County of: Walle

On the date(s) indicated, before me personally came **Eric Cleveland BIGHAM** known to me to be the individual(s) described in the foregoing Assignment and who acknowledged and executed the same in my presence.

Notary: Elaine Martens  
My Commission Expires: 2/5/2001

Grady Evan Boswell 3-23-98  
Inventor: **Grady Evan BOSWELL** Date:

State of: NC  
County of: Walle

On the date(s) indicated, before me personally came **Grady Evan BOSWELL** known to me to be the individual(s) described in the foregoing Assignment and who acknowledged and executed the same in my presence.

Notary: Elaine Martens  
My Commission Expires: 2/5/2001

Inventor: **John Joseph SAVARESE**

Date:

State of: \_\_\_\_\_

County of: \_\_\_\_\_

On the date(s) indicated, before me personally came **John Joseph SAVARESE** known to me to be the individual(s) described in the foregoing Assignment and who acknowledged and executed the same in my presence.

Notary: \_\_\_\_\_

My Commission Expires: \_\_\_\_\_

Inventor: **Roy Archibald SWARINGEN**

Date:

State of: \_\_\_\_\_

County of: \_\_\_\_\_

On the date(s) indicated, before me personally came **Roy Archibald SWARINGEN, Jr** known to me to be the individual(s) described in the foregoing Assignment and who acknowledged and executed the same in my presence.

Notary: \_\_\_\_\_

My Commission Expires: \_\_\_\_\_

Sanjay Patel  
Inventor: **Sanjay Shashikant PATEL**

23rd March 98  
Date:

State of: NC

County of: wake

On the date(s) indicated, before me personally came **Sanjay Shashikant PATEL** known to me to be the individual(s) described in the foregoing Assignment and who acknowledged and executed the same in my presence.

Notary: Elaine Martens

Commission exp 2/5/2001

My Commission Expires: \_\_\_\_\_

Eric E. Boros

3-19-98

Inventor: **Eric Eugene BOROS**

Date:

State of: NC  
County of: Wake

On the date(s) indicated, before me personally came **Eric Eugene BOROS** known to me to be the individual(s) described in the foregoing Assignment and who acknowledged and executed the same in my presence.

Notary: Elaine Martens

My Commission Expires: 2/5/2001

Robert Anthony Mook, Jr.

23 March 98

Inventor: **Robert Anthony MOOK, Jr**

Date:

State of: NC  
County of: Wake

On the date(s) indicated, before me personally **Robert Anthony MOOK, Jr** known to me to be the individual(s) described in the foregoing Assignment and who acknowledged and executed the same in my presence.

Notary: Elaine Martens

My Commission Expires: 2/5/2001

V. Samano

March 19, 1998

Inventor: **Vincente SAMANO**

Date:

State of: NC  
County of: Wake

On the date(s) indicated, before me personally **Vincente SAMANO** known to me to be the individual(s) described in the foregoing Assignment and who acknowledged and executed the same in my presence.

Notary: Elaine Martens

Commission ends 2/5/2001

**Assignment**

WHEREAS, I/we, **Eric Cleveland BIGHAM, Grady Evan BOSWELL, John Joseph SAVARESE, Roy Archibald SWARINGEN, Jr., Eric Eugene BOROS, Robert Anthony MOOK, Jr.**, all citizens of the United States of America, and **Sanjay Shashikant PATEL**, a citizen of the United Kingdom and **Vincente SAMANO**, a citizen of Mexico residing respectively in, Chapel Hill, North Carolina; Cary, North Carolina; Southbury, Connecticut; Durham, North Carolina; Chapel Hill, North Carolina; Chapel Hill, North Carolina; Cary, North Carolina and Chapel Hill, North Carolina have invented or discovered certain improvements in **ULTRA SHORT ACTING NEUROMUSCULAR BLOCKERS** hereinafter referred to as said invention and improvements for which a patent application GB9724987.4 was filed on 27 November 1997 in the United Kingdom and for which an international PCT application is now being filed designating the United States of America and naming assignor as inventor, and in the United States only applicant/inventor. We hereby authorize and request that the filing date and application number of said PCT application, when known, be inserted here in parentheses (Application No.

PCT EP98/01651 filed 23 March 1998).

WHEREAS, GLAXO WELLCOME INC., a corporation organized and existing under and by virtue of the laws of the State of North Carolina and having its principal place of business at Five Moore Drive, Research Triangle Park, North Carolina 27709, USA, is desirous of acquiring the whole right, title and interest in and to said invention and improvements and said applications, and in and to any Letters Patent to be obtained therefor, in the United States of America, its territories and possessions; and

WHEREAS, GLAXO GROUP LIMITED., a company incorporated in England, whose registered office is at Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex, UB6 ONN, UK, is desirous of acquiring the whole right, title and interest in and to said invention and improvements, and in and to any applications for said invention and improvements and any Letters Patent to be obtained therefor, in all countries other than the United States of America, its territories and possessions;



NOW, THEREFORE, to all whom it may concern, be it known that I/ we **Eric Cleveland BIGHAM, Grady Evan BOSWELL, John Joseph SAVARESE, Roy Archibald SWARINGEN, Jr., Sanjay Shashikant PATEL, Eric Eugene BOROS, Robert Anthony MOOK, Jr., Vincente SAMANO** for good and valuable consideration unto me/us moving, the receipt whereof is hereby acknowledged, have sold, assigned and transferred, and by these presents do sell, assign and transfer my/our whole right, title and interest in and to said invention and improvements to said GLAXO WELLCOME INC., throughout the United States of America, its territories and possessions, and in and to said application and any extensions, reissues, continuations, continuations-in-part, and any divisions thereof, and in and to any and all Letters Patent of the United States of America;

AND, my/our whole right, title and interest in and to said invention and improvements to GLAXO GROUP LTD, in all countries throughout the world other than in the United States of America, its territories and possessions, and in and to any applications in said countries, and continuations-in-part, patents of addition, revalidation patents, patents of importation, registrations, and any renewals, extensions and divisions thereof, and in and to any and all Letters Patent of said countries which may be granted on said invention and improvements including any priority rights under the International Convention.

AND, I/we do hereby authorize and request the issue of any Letters Patent in the respective areas referred to, to said GLAXO WELLCOME INC. or GLAXO GROUP LTD, as assignees of my/our whole right, title and interest in and to the same for the sole use and behoof of the said assignees, their successors and assigns as their interests appear herein;

AND, I/we warrant that I/we have not knowingly conveyed to others any right in said invention, improvements, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing said invention and improvements and that I/we have good right to assign the same to GLAXO WELLCOME INC. and GLAXO GROUP LTD;

AND, I/we the undersigned **Eric Cleveland BIGHAM, Grady Evan BOSWELL, John Joseph SAVARESE, Roy Archibald SWARINGEN, Jr., Sanjay Shashikant PATEL, Eric Eugene BOROS,**

**Robert Anthony MOOK, Jr., Vincente SAMANO** for the consideration aforesaid, do hereby agree that I/we or my/our executors or legal representatives, will provide information and make, execute and deliver any and all other instruments in writing, and any and all further acts, application papers, affidavits, assignments and other documents which may be necessary or desirable to more effectually secure to and vest in said GLAXO WELLCOME INC. and GLAXO GROUP LTD, their successors and assigns, the whole right, title and interest in and to the said invention and improvements, applications, Letters Patent, rights, title and interest hereby sold, assigned and conveyed, or intended so to be. *This assignment should be deemed effective as of 27 November 1997.*

IN WITNESS WHEREOF, I/we have hereunto set my/our hand(s) and affixed my/our seal(s) on the date(s) indicated below.

---

Inventor: **Eric Cleveland BIGHAM**

Date:

State of: \_\_\_\_\_

County of: \_\_\_\_\_

On the date(s) indicated, before me personally came **Eric Cleveland BIGHAM** known to me to be the individual(s) described in the foregoing Assignment and who acknowledged and executed the same in my presence.

Notary: \_\_\_\_\_

My Commission Expires: \_\_\_\_\_

---

Inventor: **Grady Evan BOSWELL**

Date:

State of: \_\_\_\_\_

County of: \_\_\_\_\_

On the date(s) indicated, before me personally came **Grady Evan BOSWELL** known to me to be the individual(s) described in the foregoing Assignment and who acknowledged and executed the same in my presence.

Notary: \_\_\_\_\_

My Commission Expires: \_\_\_\_\_

**Inventor: John Joseph SAVARESE**

**Date:**

State of: \_\_\_\_\_

County of: \_\_\_\_\_

On the date(s) indicated, before me personally came **John Joseph SAVARESE** known to me to be the individual(s) described in the foregoing Assignment and who acknowledged and executed the same in my presence.

Notary: \_\_\_\_\_

My Commission Expires: \_\_\_\_\_

*Roy A. Swaringen, Jr.*  
Inventor: **Roy Archibald SWARINGEN, Jr.** (RS)

*March 24, 1998*

**Date:**

State of: NC

County of: Walle

On the date(s) indicated, before me personally came **Roy Archibald SWARINGEN, Jr** known to me to be the individual(s) described in the foregoing Assignment and who acknowledged and executed the same in my presence.

Notary: *Eline Martens*

My Commission Expires: *2/5/2001*

**Inventor: Sanjay Shashikant PATEL**

**Date:**

State of: \_\_\_\_\_

County of: \_\_\_\_\_

On the date(s) indicated, before me personally came **Sanjay Shashikant PATEL** known to me to be the individual(s) described in the foregoing Assignment and who acknowledged and executed the same in my presence.

Notary: \_\_\_\_\_

My Commission Expires: \_\_\_\_\_

---

Inventor: **Eric Eugene BOROS**

**Date:** \_\_\_\_\_

State of: \_\_\_\_\_

County of: \_\_\_\_\_

On the date(s) indicated, before me personally came **Eric Eugene BOROS** known to me to be the individual(s) described in the foregoing Assignment and who acknowledged and executed the same in my presence.

Notary: \_\_\_\_\_

My Commission Expires: \_\_\_\_\_

---

Inventor: **Robert Anthony MOOK, Jr**

**Date:** \_\_\_\_\_

State of: \_\_\_\_\_

County of: \_\_\_\_\_

On the date(s) indicated, before me personally **Robert Anthony MOOK, Jr** known to me to be the individual(s) described in the foregoing Assignment and who acknowledged and executed the same in my presence.

Notary: \_\_\_\_\_

My Commission Expires: \_\_\_\_\_

---

Inventor: **Vincente SAMANO**

**Date:** \_\_\_\_\_

State of: \_\_\_\_\_

County of: \_\_\_\_\_

On the date(s) indicated, before me personally **Vincente SAMANO** known to me to be the individual(s) described in the foregoing Assignment and who acknowledged and executed the same in my presence.

Notary: \_\_\_\_\_

My Commission Expires: \_\_\_\_\_