

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

|                       |                |
|-----------------------|----------------|
| SUBMISSION TYPE:      | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT     |

**CONVEYING PARTY DATA**

| Name                      | Execution Date |
|---------------------------|----------------|
| Gregory S Basarab         | 06/05/2006     |
| Charles J Eyermann        | 01/05/2006     |
| Madhusudhhan R Gowravaram | 01/05/2006     |
| Oluyinka Green            | 01/17/2006     |
| Andrew Kiely              | 01/27/2006     |
| Lawrence J MacPherson     | 01/05/2006     |
| Marshall L Morningstar    | 01/15/2006     |
| Nguyen Thanh              | 02/06/2006     |

**RECEIVING PARTY DATA**

|                   |                |
|-------------------|----------------|
| Name:             | AstraZeneca AB |
| Street Address:   | SE-151 85      |
| Internal Address: | AstraZeneca AB |
| City:             | Sodertalje     |
| State/Country:    | SWEDEN         |
| Postal Code:      | SE-151 85      |

**PROPERTY NUMBERS Total: 1**

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 10567797 |

**CORRESPONDENCE DATA**

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*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*  
 Phone: 1 781 839 4155  
 Email: audrey.williams@astrazeneca.com  
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CH \$40.00 10567797

ATTORNEY DOCKET NUMBER:

101171-1P US

NAME OF SUBMITTER:

Stephen Sand

Total Attachments: 4

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**ASSIGNMENT**

Now, therefore, for good and valuable consideration, receipt and sufficiency of which is hereby acknowledged, I/we

BASARAB, Gregory, S, EYERMANN, Charles, J, GOWRAVARAM, Madhusudhan, R, GREEN, Oluyinka, all of AstraZeneca R & D Boston, 35 Gatehouse Drive, Waltham, MA 02451, USA, and KIELY, Andrew of 21 Standish Street, Newton, MA 02461, USA, and MACPHERSON, Lawrence, J, MORNINGSTAR, Marshall, L, both of AstraZeneca R & D Boston, 35 Gatehouse Drive, Waltham, MA 02451, USA, and THANH, Nguyen of 9390 Towne Center Drive, San Diego, CA 92121, USA hereafter referred to as ASSIGNOR (S),

Hereby sell(s), assign(s) and transfer(s) to ASSIGNEE **AstraZeneca AB**, a company created and existing under the laws of Sweden, having its Head Office at SE-151 85 Södertälje, Sweden, and the successors, assigns and legal representatives of the ASSIGNEE, the entire right, title and interest for the United States and its territorial possessions, and in all foreign countries, in and to the inventions and any and all improvements thereon which are the subject of an application entitled:

FUSED HETEROCYCLCLES AS INHIBITORS OF GLUTAMATE RACEMASE (MURI)

And which is disclosed in:

- (a)  U.S. patent application executed on even date herewith;
- (b)  U.S. patent application executed on \_\_\_\_\_;
- (c)  U.S. application no. \_\_\_\_\_ filed on \_\_\_\_\_;
- (d)  International application no. PCT/GB2004/003464 filed on 12 August 2004 (12.08.2004).

And in and to the above application and any legal equivalent thereof in a foreign country, including the right to claim priority, and in and to any division, continuation or continuation-in-part, renewal or substitute thereof, and in and to all resulting Letters Patents or any reissue or reexamination thereof, to have and to hold the same to the full end of the term or terms for which any and all of said Letters Patent may be granted;

ASSGNOR(S) authorize(s) and request(s) the issuing authority to issue any and all patents on said application or applications to said ASSIGNEE or its successors and assigns;

ASSIGNOR(S) hereby covenant(s) that ASSIGNOR(S) has/have the full power to make this assignment, and that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment; and

Without further payment or compensation by the ASSIGNEE or its successors and assigns, ASSIGNOR(S) further covenant(s) and agree(s) to communicate to said ASSIGNEE or its representatives, agents, its successors or assigns, any facts relating to said invention or inventions including evidence for purposes of interference or other administrative or legal proceedings whenever requested; to testify in any interference, legal or administrative proceedings, whenever requested; to execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective; and to do everything possible to aid said ASSIGNEE, its successors or assigns and nominees to secure, obtain and enforce proper patent protection for said invention or inventions in this or any foreign country.

Any attorney of record is authorized and requested by the execution of this assignment to insert into this assignment any further information necessary for recordation of this document.

IN WITNESS WHEREOF, I have hereunto set my hand and seal on the date below written.

*Gregory S. Basarab*  
BASARAB, Gregory, S  
Signature of Assignor

*Jan 5, 2006*  
Date of Assignor's Signature

WITNESSED BY:

*[Signature]*  
Signature of Witness  
Name of Witness  
(Type or print clearly)

*Bernadette Holder*  
Signature of Witness  
Name of Witness  
(Type or print clearly)

AUDREY BILLIANO

BERNADETTE HOLDER

IN WITNESS WHEREOF, I have hereunto set my hand and seal on the date below written.

*Charles J. Eyermann*  
EYERMANN, Charles, J  
Signature of Assignor

*Jan 5, 2006*  
Date of Assignor's Signature

WITNESSED BY:

*[Signature]*  
Signature of Witness  
Name of Witness  
(Type or print clearly)

*Bernadette Holder*  
Signature of Witness  
Name of Witness  
(Type or print clearly)

AUDREY BILLIANO

BERNADETTE HOLDER

IN WITNESS WHEREOF, I have hereunto set my hand and seal on the date below written.

*Madhusudhan Gowravaram*  
GOWRAVARAM, Madhusudhan, R  
Signature of Assignor

*Jan 5, 06*  
Date of Assignor's Signature

WITNESSED BY:

*[Signature]*  
Signature of Witness  
Name of Witness  
(Type or print clearly)

*Bernadette Holder*  
Signature of Witness  
Name of Witness  
(Type or print clearly)

AUDREY BILLIANO

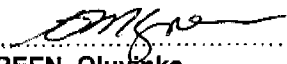
BERNADETTE HOLDER

Additional signature pages attached:  Yes  No

Any attorney of record is authorized and requested by the execution of this assignment to insert into this


assignment any further information necessary for recordation of this document.


IN WITNESS WHEREOF, I have hereunto set my hand and seal on the date below written.

  
.....  
**GREEN, Oluyinka**  
Signature of Assignor

Jan 17, 2006  
.....  
Date of Assignor's Signature

**WITNESSED BY:**

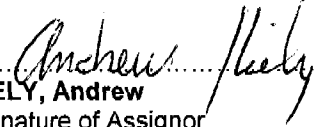
  
.....  
Signature of Witness  
Name of Witness  
(Type or print clearly)

  
.....  
Signature of Witness  
Name of Witness  
(Type or print clearly)

AUDREY WILLIAMS

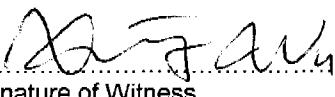
BERNADETTE HOLDER

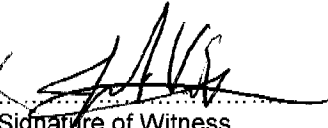
IN WITNESS WHEREOF, I have hereunto set my hand and seal on the date below written.

+   
.....  
**KIELY, Andrew**  
Signature of Assignor

Jan 27, 2006  
.....  
Date of Assignor's Signature

**WITNESSED BY:**

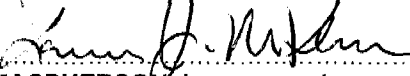
X   
.....  
Signature of Witness  
Name of Witness  
(Type or print clearly)

X   
.....  
Signature of Witness  
Name of Witness  
(Type or print clearly)

Xinyuan Wu

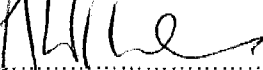
Josh Van Veldhuizen


IN WITNESS WHEREOF, I have hereunto set my hand and seal on the date below written.

  
.....  
**MACPHERSON, Lawrence, J**  
Signature of Assignor

1/5/06  
.....  
Date of Assignor's Signature

**WITNESSED BY:**

  
.....  
Signature of Witness  
Name of Witness  
(Type or print clearly)

  
.....  
Signature of Witness  
Name of Witness  
(Type or print clearly)

Audrey Williams

BERNADETTE HOLDER

Additional signature pages attached:  Yes  No

Any attorney of record is authorized and requested by the execution of this assignment to insert into this assignment any further information necessary for recordation of this document.

IN WITNESS WHEREOF, I have hereunto set my hand and seal on the date below written.

Marshall Mungos  
MORNINGSTAR, Marshall, L  
Signature of Assignor

January 13, 2006  
Date of Assignor's Signature

WITNESSED BY:

[Signature]  
Signature of Witness  
Name of Witness  
(Type or print clearly)

Brunette Holder  
Signature of Witness  
Name of Witness  
(Type or print clearly)

AUDREY WILLIAMS

BERNADETTE HOLDER

IN WITNESS WHEREOF, I have hereunto set my hand and seal on the date below written.

[Signature]  
THANH, Nguyen  
Signature of Assignor

2/6/06  
Date of Assignor's Signature

WITNESSED BY:

Kevin V Martin  
Signature of Witness  
Name of Witness  
(Type or print clearly)

Witnessed by  
[Signature]  
Signature of Witness  
Name of Witness  
(Type or print clearly)

Kevin V Martin

Minghua Liu

Additional signature pages attached:  Yes  No