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3/006

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):ALLISON BLAKE COMPANY:220 MASSACHUSETTS AVENUE

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1 04/10/2009 500832150

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the Assignor and Assignee to be switched previously recorded on Reel 021436 Frame 0734. Assignor(s) hereby confirms the Correcting Assignor and Assignee.

CONVEYING PARTY DATA

Name	Execution Date
Dominik Feuerbach	02/17/2005
Konstanze Hurth	02/16/2005
Timothy John Ritchie	02/24/2005

RECEIVING PARTY DATA

Name:	Novartis AG
Street Address:	Lichtstrasse 35
City:	Basel
State/Country:	SWITZERLAND
Postal Code:	4056

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11823312

CORRESPONDENCE DATA

Fax Number:

(617)871-3392

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

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Emall:

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Correspondent Name:

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Address Line 4:

Cambridge, MASSACHUSETTS 02139

ATTORNEY DOCKET NUMBER: 32634-US-CNT

NAME OF SUBMITTER:

Mark Milstead

PATENT

05/11/2009 14:44 FAX

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4/006

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): ALLISON BLAKE COMPANY: 220 MASSACHUSETTS AVENUE

Total Attachments: 2

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F: ALLISON BLAKE COMPANY: 400 \ HNOLOGY SQUARE

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1 08/25/2008 500629815

ASSIGNMENT NATURE OF CONVEYANCE:

CONVEYING PARTY DATA

	Name	Execution Date
Novartis AG		02/24/2005

RECEIVING PARTY DATA

Name:	Dominink Feuerbach
Street Address:	Wehrgasse 3
City:	Mullheim
State/Country:	GERMANY
Postal Code:	79379

Name:	Konstanze Hurth	
Street Address:	4 Rue de l'Ancien Golf	
City:	Saint Louis	
State/Country:	FRANCE	
Postal Code:	66300	

Name:	Timothy John Ritchie
Street Address:	5 Gower Place
Internal Address:	Novartis Institute for Medical Sciences, University College, Kathleen Lonsdale Building
City:	London
State/Country:	UNITED KINGDOM
Postal Code:	WC1E 6BS

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11823312

CORRESPONDENCE DATA

(617)871-3392 Fax Number:

05/11/2009 14:44 FAX ☑ 005/007

USPTO

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) ALLISON BLAKE COMPANY: 400 1 HNOLOGY SQUARE

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Correspondent Name:

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ATTORNEY DOCKET NUMBER:

32634-US-CNT

NAME OF SUBMITTER:

Mark W. Milstead

Total Attachments: 2

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PATENT

US. (PCT) Case PN/4 -32634A

ASSIGNMENT

1 / We Dominik FEUERBACH, Wehrgasse 3, 79379 Müllheim, Germany, citizen of Germany Konstanze HURTH, 4 Rue de l'Ancien Golf, 68300 Saint Louis, France, citizen of

Timothy John RITCHIE, Novartis Institute for Medical Sciences, University College. Kathleen Lonsdale Building, 5 Gower Place, London, WC1E 6BS, Great Britain,

for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, do hereby sell and assign to Novartis AG, a Company organized under the laws of the Swiss Confederation, of Lichtstrasse 35, 4056 Basel, Switzerland, its successors, assigns and legal representatives all my/our right, title and interest, in and for the United States of America, in and to the invention entitled:

AZA-BICYCLOALKYL ETHERS AND THEIR USE AS ALPHA7-NACHR AGONISTS

invented by me/us and described in the international application.

No. PCT/EP03/09772 filed 03/09/2003

and all United States Letters Patent which may be granted therefor, and all divisions, reissues, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by the said Novartis AG, its successors, assigns or other legal representatives, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me/us if this assignment and sale had not been made;

And I/we hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to the said *Novartis AG*.

1 - 1	Signed on	
Domoik Faceliz	17-2. 2005	
Dominik FEUERBACH		
Ucustanze Harry	16.2.7005	
Konstanze HURTH		
Timothy John RITCHIE		

US (PCT) Case PN/4 -32634A

<u>ASSIGNMENT</u>

I / We Dominik FEUERBACH, Wehrgasse 3, 79379 Müllheim, Germany, citizen of Germany Konstanze HURTH, 4 Rue de l'Ancien Golf, 68300 Saint Louis, France, citizen of Germany

Timothy John RITCHIE, Novartis Institute for Medical Sciences, University College. Kathleen Lonsdale Building, 5 Gower Place, London, WC1E 6BS, Great Britain,

for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, do hereby sell and assign to *Novartis AG, a Company organized under the laws of the Swiss Confederation, of Lichtstrasse 35, 4056 Basel, Switzerland,* its successors, assigns and legal representatives all my/our right, title and interest, in and for the United States of America, in and to the invention entitled:

AZA-BICYCLOALKYL ETHERS AND THEIR USE AS ALPHA7-NACHR AGONISTS

invented by me/us and described in the international application

No PCT/EP03/09772

filed 03/09/2003

and all United States Letters Patent which may be granted therefor, and all divisions, reissues, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by the said *Novartis AG*, its successors, assigns or other legal representatives, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me/us if this assignment and sale had not been made;

And I/we hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to the said **Novartis AG**.

	Signed on	
Dominik FEUERBACH	<u> </u>	
Konstanze HURTH	- h () 2 . (
Timothy John BITCHIE	24th February 2005	

PATENT REEL: 022670 FRAME: 0401

RECORDED: 04/10/2009