PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

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

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------|----------------|
| Thomas Goebel | 04/24/2006 |
| Noelle Gauvry | 04/24/2006 |
| Pierre Ducray | 04/24/2006 |
| Francois Pautrat | 05/02/2006 |
| Ronald Kaminsky | 04/28/2006 |
| Martin Jung | 04/26/2006 |

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: | 12350701 | |

CORRESPONDENCE DATA

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

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ATTORNEY DOCKET NUMBER: PAT033255-US-PCTD

REEL: 025597 FRAME: 0312

PATENT

| NAME OF SUBMITTER: | Todd Sladek |
|--|-------------|
| Total Attachments: 2 source=33255#page1.tif source=33255#page2.tif | |

PATENT REEL: 025597 FRAME: 0313

ASSIGNMENT

I / We Noëlle GAUVRY, 8F, rue des buissons, 68680 Kembs-Loechle, France, citizen of France

Thomas GOEBEL, Lettenweg 28B, 79539 Lörrach, Germany, citizen of Germany

Pierre DUCRAY, 8 rue des alliés, 68128 Village-Neuf, France, citizen of France

François PAUTRAT, 29, rue du Moenchsberg, 68100 Mulhouse, France, citizen of France

Ronald KAMINSKY, Joressens, 1789 Lugnorre, Switzerland, citizen of Germany Martin JUNG, Champ du Four, 1586 Vallamand-Dessus, Switzerland, citizen of

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:

AMIDOACETONITRILE DERIVATIVES

Germany

| invented by | me/us | and | described | in: | the | international | ap | plication |
|-------------|-------|-----|-----------|-----|-----|---------------|----|-----------|
| | | | | | | | | |

No. PCT/ EP2004/012559 filed 05/11/2004

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 |
|---------------|-------------------|
| hielk Carry | 2416 April 2643 C |
| Noëlle GAUVRY | |
| Trongs Gold | 24th Darie 2006 |
| Thomas GOEBEL | |
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PATENT REEL: 025597 FRAME: 0314

| | Signed on |
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| Pun Sucar | 24 th Aus 1 100 |
| Pierre DUCRAY | |
| Transaction on the | or the room |
| François PAUTRAT | |
| fonded Kallings | 28 th April 2006 |
| Ronald KAMINSKY | - |
| Mak flowing | 26 th April 2006 |
| Martin JUNG | *************************************** |
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PATENT REEL: 025597 FRAME: 0315

RECORDED: 01/06/2011