

## PATENT ASSIGNMENT COVER SHEET

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| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT                   |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                       |
| <b>CONVEYING PARTY DATA</b>   |                                  |
| <b>Name</b>   | <b>Execution Date</b>            |
| FREDRICK E. HARGREAVE   | 06/02/2009                       |
| GIAMPIETRO VENTRESCA  | 06/12/2009                       |
| <b>RECEIVING PARTY DATA</b>   |                                  |
| <b>Name:</b>  | SMITHKLINE BEECHAM CORPORATION   |
| <b>Street Address:</b>  | 251 LITTLE FALLS DRIVE           |
| <b>City:</b>  | WILMINGTON                       |
| <b>State/Country:</b>   | DELAWARE                         |
| <b>Postal Code:</b>   | 19808                            |
| <b>PROPERTY NUMBERS Total: 1</b>  |                                  |
| <b>Property Type</b>  | <b>Number</b>                    |
| <b>Application Number:</b>  | 16575903                         |
| <b>CORRESPONDENCE DATA</b>  |                                  |
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| <b>Email:</b>   | us_cipkop@gsk.com                |
| <b>Correspondent Name:</b>  | GLAXOSMITHKLINE                  |
| <b>Address Line 1:</b>  | 1250 SOUTH COLLEGEVILLE ROAD     |
| <b>Address Line 2:</b>  | GLOBAL PATENTS - UP4110          |
| <b>Address Line 4:</b>  | COLLEGEVILLE, PENNSYLVANIA 19426 |
| <b>ATTORNEY DOCKET NUMBER:</b>  | PU62905C2 US                     |
| <b>NAME OF SUBMITTER:</b>   | AUDREY BOYD                      |
| <b>SIGNATURE:</b>   | /AUDREY BOYD/                    |
| <b>DATE SIGNED:</b>   | 10/25/2019                       |
| <b>Total Attachments: 2</b>   |                                  |
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| source=PU62905C2_US_Asnmt_Inv_SBC_16575903#page2.tif  |                                  |

Assignment

WHEREAS, I/we **Fredrick E. HARGREAVE**, a citizen of Canada and residing at 50 Charlton Avenue East, Hamilton, Ontario L8N 4A6, and **Giampietro VENTRESCA** a citizen of Italy and residing at Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY, has/have invented or discovered certain improvements in '**METHODS OF TREATMENT**' hereinafter referred to as said invention and improvements for which a priority application 61/043363 was filed on 28 March 2008 in the United States Patent Office and for which a PCT international application is now being filed designating the United States of America and naming assignor as inventor, and in the United States only applicant/inventor. I/We hereby authorize and request that the filing date and application number of said PCT application, when known, be inserted in parentheses below.

(PCT/US2009/038509 filed on 27 March 2009 )

WHEREAS, **SMITHKLINE BEECHAM CORPORATION**, a company incorporated in the State of Pennsylvania, USA, whose registered office is at One Franklin Plaza, P.O. Box 7929, Philadelphia, PA 19101, USA, 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, including the United States, its territories and possessions;

NOW, THEREFORE, to all whom it may concern, be it known that I/we, **Fredrick E. HARGREAVE and Giampietro VENTRESCA** 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 **SMITHKLINE BEECHAM CORPORATION**, 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;

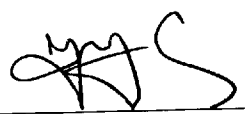
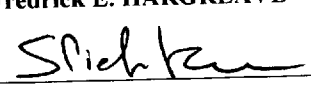
AND, my/our whole right, title and interest in and to said invention and improvements to **SMITHKLINE BEECHAM CORPORATION**, in all other countries throughout the world, and in and to any applications in said other countries, and continuations-in-part, patents of addition, revalidation patents, patents of importation, registrations, and any renewals, extensions and divisions thereof, and in and to any and all Letters Patent of said all other 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 **SMITHKLINE BEECHAM CORPORATION**, as assignees of my/our whole right, title and interest in and to the same for the sole use and behalf 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 **SMITHKLINE BEECHAM CORPORATION**;

AND, I/we the undersigned **Fredrick E. HARGREAVE and Giampietro VENTRESCA** 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 **SMITHKLINE BEECHAM CORPORATION**, 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 28 March 2008..*

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

|   |          |
|---|----------|
|  | 2.6.09   |
| Inventor: <b>Fredrick E. HARGREAVE</b>  | Date     |
|  | 12.06.09 |
| Inventor: <b>Giampietro VENTRESCA</b>   | Date     |