PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: **ASSIGNMENT**

CONVEYING PARTY DATA

Name	Execution Date
Solvias AG	07/28/2009

RECEIVING PARTY DATA

Name:	Sanofi Pasteur SA
Street Address:	2, avenue pont Pasteur
City:	Lyon
State/Country:	FRANCE
Postal Code:	F 69007

PROPERTY NUMBERS Total: 1

	Property Type	Number
App	olication Number:	12057574

CORRESPONDENCE DATA

Fax Number: (312)913-0002

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

312-913-0001 Phone:

Email: docketing@mbhb.com Correspondent Name: Michael S. Greenfield Address Line 1: 300 South Wacker Drive

Address Line 2: **Suite 3100**

Address Line 4: Chicago, ILLINOIS 60606

ATTORNEY DOCKET NUMBER: 07-579-US

NAME OF SUBMITTER: Michael S. Greenfield

Total Attachments: 3

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> **PATENT** REEL: 023160 FRAME: 0022

ASSIGNMENT

Case No.: 07-579-US Assignor: Solvias AG Serial No.: 12/057,574 Filing Date: March 28, 2008

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to:

Sanofi Pasteur SA 2, avenue pont Pasteur Lyon, FRANCE F 69007

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its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled:

Process for Preparing Porphyrin Derivates, such as Protoporphyrin (IX) and Synthesis Intermediates

and identified as:

Case No. 07-579-US

in the offices of McDonnell Boehnen Hulbert & Berghoff LLP and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assigns to said assignee the priority right provided by the International Convention in US provisional application 60/943,735, filed June 13, 2007, and French patent application 07 02334, filed March 30, 2007.

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known, and the date of execution of the application.

The undersigned warrant themselves to be the owners of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorize said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agree, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby

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conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

WITNESS my hand and seal this 28 1.

On behalf of Solvias AG

Name:

Dr. Hansjörg Walther

Title:

CEO

Head of Patents

Certification/Notarization/Witness:

-2-

K.

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LEGALIZATION

I, the undersigned Notary Public, <u>Dr. Conrad Haab</u>, residing in Basel (Switzerland), certify as true and authentic the signatures applied hereto by <u>Mr. Dr. Hans Jörg Walther</u>, Swiss citizen, residing in Münchenstein, and <u>Mr. Dr. Alexander Pommerenke</u> German citizen, residing in Basel.

These two persons are entitled to represent, the first as CEO, the second as Head of Patents, the **Solvias AG**, a company limited by shares legally domiciled in Basel, with their joint signature by two.

I know the named and their signatures personally.

Basel, this 5th (fifth) day of August 2009 (two thousand-nine)

LegReg-Nr.16, 0/2009

APOSTILLE

(Hague Convention of October 5th, 1961)

1. Country: Switzerland (Schweiz/Suisse)

This official document

- 3. in his/her function as Make y Dubl
- 4. and certified by the seal of the

above-named

Certified

- 5. in Basel (Bâle)
- 6. on -7. Aug. 2009
- 7. by the State Chancery of the Canton of Basel-Stadt ...
- 8. no. 5661 1080
- 9. Scal /stamp:

10, Signature

.......

Hanna Lauener

PATENT

REEL: 023160 FRAME: 0025

RECORDED: 08/27/2009