

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4732439

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the CONVEYING PARTY DATA AND RECEIVING PARTY DATA previously recorded on Reel 035046 Frame 0701. Assignor(s) hereby confirms the ASSIGNORS ARE: ANDREAS JUNGBLUTH, EBERHARD SCHNEIDER, PETER WAGNER. THE ASSIGNEE IS: SANOFI PASTEUR.
CONVEYING PARTY DATA	
Name	Execution Date
ANDREAS JUNGBLUTH	05/10/2006
EBERHARD SCHNEIDER	05/15/2006
PETER WAGNER	05/15/2006
RECEIVING PARTY DATA	
Name:	SANOFI PASTEUR
Street Address:	1755 STEELES AVENUE WEST
City:	TORONTO
State/Country:	CANADA
Postal Code:	M2R 374
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13561471
CORRESPONDENCE DATA	
Fax Number:	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Email:	pat@pathalloran.com
Correspondent Name:	PATRICK J. HALLORAN
Address Line 1:	3141 MUIRFIELD ROAD
Address Line 4:	CENTER VALLEY, PENNSYLVANIA 18034
ATTORNEY DOCKET NUMBER:	API-03-15
NAME OF SUBMITTER:	PATRICK J. HALLORAN
SIGNATURE:	/PATRICK J. HALLORAN/
DATE SIGNED:	12/13/2017
Total Attachments: 6	
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PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Eliud Oloo</td><td>03/18/2010</td></tr><tr><td>Raymond Oomen</td><td>03/18/2010</td></tr><tr><td>Martina Ochs-Onolemhemen</td><td>03/18/2010</td></tr><tr><td>Jeremy Yethon</td><td>03/18/2010</td></tr></tbody></table>	Name	Execution Date	Eliud Oloo	03/18/2010	Raymond Oomen	03/18/2010	Martina Ochs-Onolemhemen	03/18/2010	Jeremy Yethon	03/18/2010	
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Jeremy Yethon	03/18/2010										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>Sanofi Pasteur Limited</td></tr><tr><td>Street Address:</td><td>1755 Steeles Avenue West</td></tr><tr><td>City:</td><td>Toronto, Ontario</td></tr><tr><td>State/Country:</td><td>CANADA</td></tr><tr><td>Postal Code:</td><td>M2R 3T4</td></tr></table>	Name:	Sanofi Pasteur Limited	Street Address:	1755 Steeles Avenue West	City:	Toronto, Ontario	State/Country:	CANADA	Postal Code:	M2R 3T4	
Name:	Sanofi Pasteur Limited										
Street Address:	1755 Steeles Avenue West										
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State/Country:	CANADA										
Postal Code:	M2R 3T4										
PROPERTY NUMBERS Total: 2											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>13140894</td></tr><tr><td>PCT Number:</td><td>CA2009001843</td></tr></tbody></table>	Property Type	Number	Application Number:	13140894	PCT Number:	CA2009001843					
Property Type	Number										
Application Number:	13140894										
PCT Number:	CA2009001843										
CORRESPONDENCE DATA											
Fax Number:											
Phone:	610-984-4751										
Email:	pat@pathalloran.com										
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>											
Correspondent Name:	Patrick J. Halloran										
Address Line 1:	3141 Muirfield Road										
Address Line 4:	Center Valley, PENNSYLVANIA 18034										

ATTORNEY DOCKET NUMBER:	APL-08-03
NAME OF SUBMITTER:	Patrick J. Halloran
Signature:	/Patrick J. Halloran/
Date:	03/20/2012
Total Attachments: 2 source=APL0803-assignment-inventors-I#page1.tif source=APL0803-assignment-inventors-I#page2.tif	
RECEIPT INFORMATION EPAS ID: PAT1892843 Receipt Date: 03/20/2012 Fee Amount: \$80	

ASSIGNMENT

Inventors: A. Jungbluth; E. Schneider; P. Wagner

Application Serial No.: PCT/US2004/038700

Filing Date: November 18, 2004

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 assigns to:

Sanofi Pasteur

its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for international patent, entitled:

METHODS FOR PURIFYING PERTUSSIS TOXIN AND PEPTIDES USEFUL THEREFOR

and identified as:

PCT/US2004/038700

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.

The undersigned hereby authorize and request the United States Patent Office issue said United States 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 Patent that may be granted upon said application and any and all applications and other documents for 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 Patent, both United States and foreign, and vest all rights therein hereby 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.

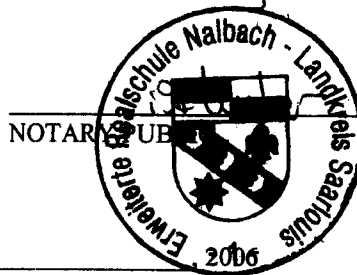
ASSIGNMENT

(continued)

WITNESS my hand and seal this 10 day of may, 2006.

Andreas Jungbluth
Andreas Jungbluth

The foregoing instrument was acknowledged before me this 10 day of may, 2006.



WITNESS my hand and seal this _____ day of _____, 2006.

Braunschweig, 15.05.2006

Eberhard Schneider
Eberhard Schneider

The foregoing instrument was acknowledged before me this _____ day of _____, 2006.

NOTARY PUBLIC

WITNESS my hand and seal this _____ day of _____, 2006.

Braunschweig, 15.05.2006

Peter Wagner
Peter Wagner

The foregoing instrument was acknowledged before me this _____ day of _____, 2006.

NOTARY PUBLIC

Vorseitige, vor mir vollzogene Namensunterschrift von

Herrn Dr. Eberhard Ferdinand Schneider, geb. am 03.12.1967,
wohnhafte Am Söhlberg 4, 38321 Denkte

sowie vorseitige, vor mir anerkannte Namensunterschrift von

Herrn Peter Michael Wagner, geb. am 23.06.1957,
wohnhafte Landwehrstr. 7a, 38126 Braunschweig

beglaubige ich hiermit. Herr Dr. Schneider wies sich aus durch die Vorlage seines gültigen Personalausweises, Herr Wagner durch die Vorlage seines gültigen Reisepasses.

Auf Frage des Notars erklärten die Beteiligten, dass außerhalb der Amtstätigkeit des Notars weder dieser selbst noch ein Mitglied der Sozietät Dr. Appelhagen und Partner mit der Angelegenheit bereits befasst war.



Braunschweig, den 15. Mai 2006

Dr. Giesler
Notar

Kostenrechnung gem. §§ 141, 154 KostO
Geschäftswert: 3.000,00 €

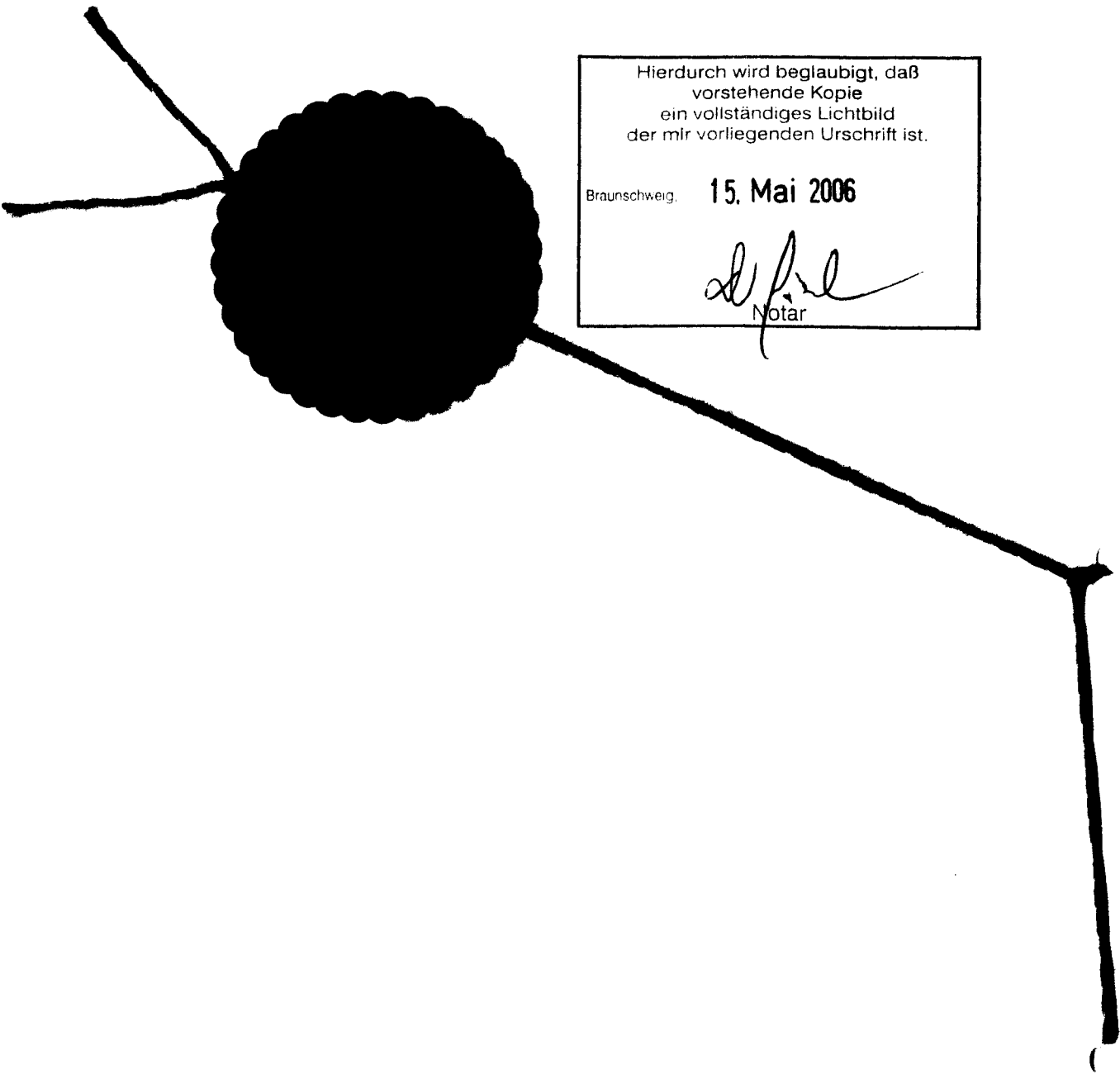
2,5/10 Unterschriftsbeglaubigung ohne Entwurf	10,00 Euro
Gebühr gem. §§ 32, 45 KostO (Wert: 3.000,00 Euro)	
Dokumentenpauschale Gebühr gem. §§ 136, 152 I KostO (6 Seiten)	3,00 Euro
Postauslagen Gebühr gem. §§ 137, 152 II 1a und b KostO	1,80 Euro

Zwischensumme	14,80 Euro
Umsatzsteuer (MWSt) § 151a KostO (16,00 %)	2,37 Euro

Endsumme


17,17 Euro

Dr. Giesler
Notar



Hierdurch wird beglaubigt, daß
vorstehende Kopie
ein vollständiges Lichtbild
der mir vorliegenden Urschrift ist.

Braunschweig, 15. Mai 2006


Notar