

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4187671

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MANUELA KASPAR	12/17/2007
KATHRIN SCHWAGER	12/17/2007
EVELINE TRACHSEL	12/17/2007
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<b>State/Country:</b>	SWITZERLAND
<b>Postal Code:</b>	8093
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15380167
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	PCFC-683-303
<b>NAME OF SUBMITTER:</b>	MARIA MARLEY
<b>SIGNATURE:</b>	/MARIA MARLEY/
<b>DATE SIGNED:</b>	12/15/2016
<b>Total Attachments: 6</b>	
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**ASSIGNMENT OF INVENTION  
AND RELATED INTELLECTUAL PROPERTY RIGHTS**

**Parties:**

**1 'The Assignors'**

**Manuela Kaspar**

of Philochem AG c/o ETH-Hönggerberg, Wolfgang-Pauli-Str. 10, 8093 Zürich,  
Switzerland

**Kathrin Schwager**

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**Eveline Trachsel**

of Philochem AG c/o ETH-Hönggerberg, Wolfgang-Pauli-Str. 10, 8093 Zürich,  
Switzerland

**2 'The Assignee'**

PHILOCHEM AG

c/o ETH-Hönggerberg, Wolfgang-Pauli-Str. 10, 8093 Zürich, Switzerland

**Recitals:**

**(A)** The Assignors are joint inventors (with another inventor) of the invention or inventions entitled "An Antigen Associated with Rheumatoid Arthritis" (hereinafter referred to as "the Invention") the specification of which was filed on 30 October 2007 in the USPTO and provisionally assigned United States Provisional Patent Application No. 60/983606 (hereinafter referred to as "the Application").

**(B)** The Assignors are (and were at all material times) employed by the Assignee to carry out the research from which the Invention arose.

**(C)** The Application has been filed in the name of the Inventors, as required by US law.

(D) The Assignors have agreed to assign to the Assignee for the consideration hereinafter mentioned all their rights title and interest in to and under the Invention and the Patent Application(s).

**Operative provisions:**

**1** In consideration for the payment of £1.00 by the Assignee to each of the Assignors (the receipt and adequacy of which are hereby acknowledged) the Assignors hereby sell and assign to the Assignee absolutely and free from incumbrances all their rights title and interest in Canada and the United States and all other countries of the world in to and under the Invention.

**2.1** In consideration for the payment of £1.00 by the Assignee to each of the Assignors (the receipt and adequacy of which are hereby acknowledged) the Assignors hereby sell and assign to the Assignee absolutely and free from incumbrances all their rights title and interest in to and under the Application including any divisionals, continuations, continuations-in-part, re-issues, re-examinations, renewals, and extensions thereof, and the right to apply for prosecute and obtain patent and other industrial property protection throughout the world in respect of the invention or inventions which are the subject of the Application, and the right to claim priority from the Application in any and all such applications, and all such rights title and interest in to and under all such applications as they each may own (if any), and any and all patents that may be granted pursuant to any of the aforesaid applications for the full period thereof including any re-issues, re-examinations, renewals, extensions and Supplementary Protection Certificates, and including all rights and powers arising or accrued from any of the aforesaid patents and applications including the right to sue for damages and other remedies in respect of any infringement of any such rights before on or after the date hereof and to retain any damages obtained as a result of such action; the said interest being the entire ownership of all said Letters Patent when granted, to be held and enjoyed by the Assignee to the full end of the term for which the said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by the Assignors if this assignment had not been made.

**2.2** The Assignors authorize and request the Commissioner of Patents to issue the said Letters Patent to the Assignee.

**2.3** For the consideration aforesaid, the Assignors agree that they will, upon request, communicate to the Assignee or the representatives thereof any facts known to them

respecting the invention or improvements of the Application, and will, upon request, but without expense to the Assignors, testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, reissue, re-examination, renewal and extension applications, and generally do all other and further lawful acts deemed necessary or expedient by the Assignee or by counsel for the Assignee to assist or enable the Assignee to obtain and enforce full benefits from the rights and interests herein assigned.

3 The Assignors hereby GRANT the firm of Mewburn Ellis LLP the power to insert in the Schedule to this Assignment any further identification of any future patent applications in Canada or the United States or any other countries or regions of the world which shall fall within the scope of clause 2 above, as may be necessary or desirable in order to comply with the rules of the United States Patent Office or the Canadian Patent Office or any other Patent Office for recordation of this document. It is understood and agreed that the Assignee's attorneys Mewburn Ellis LLP have represented only the Assignee and will continue to represent only the Assignee with respect to this invention.

4 The Assignors hereby UNDERTAKE that at the request and cost of the Assignee or its successors or assigns they will at all times hereafter promptly do all such acts and execute all such documents (including but not limited to documents required to be signed by or on behalf of inventor in the course of any and all Canadian and United States patent applications which relate to the Invention and any and all divisionals, continuations and continuations-in-part of any such applications) as may be reasonably necessary or desirable to secure the vesting in the Assignee or its successors or assigns of all rights title and interest assigned to the Assignee hereunder and to confirm the title of the Assignee or its successors or assigns to all such rights title and interest and to assist in the resolution of any question concerning the Invention or any application for patent or other intellectual property protection for the Invention or any intellectual property protection granted pursuant to any such application.

5 The Assignors hereby request the relevant authorities in all countries of the world to issue any patents granted for the Invention in the name of the Assignee or its successors or assigns in accordance with this assignment.

6 This assignment and undertaking shall be binding upon the Assignors' heirs, executors, administrators, successors and/or assigns and shall enure to the benefit of any heirs, executors, administrators, successors and/or assigns of the Assignee.

AS WITNESS the signatures of (or of duly authorised officers of) the parties hereto

**SCHEDULE**  
**The Patent Applications**

US Provisional Patent Application Serial No. 60/983606

SIGNED by )

**MANUELA KASPAR** )

at: Philachem, Zurich )

on: 17. Dezember 2007 )

in the presence of: )

Signature: M. Kaspar

Witness

Signature: S. Egloff

Name: Simone Egloff

Address: Philachem AG, 40 ETH Zurich, Wolfgang-Pauli-Str. 10, 8093 Zurich, Switzerland

SIGNED by )

**KATHRIN SCHWAGER** )

at: Philachem, Zurich )

on: 17. Dezember 2007 )

in the presence of: )

Signature: K. Schwager

Witness

Signature: S. Egloff

Name: Simone Egloff

Address: Philachem AG, 40 ETH Zurich, Wolfgang-Pauli-Str. 10, 8093 Zurich, Switzerland

SIGNED by )

**EVELINE TRACHESEL** )

at: Philachem, Zurich )

on: 17. Dezember 2007 )

in the presence of: )

Signature: E. Trachsel

Witness

Signature: S. Egloff

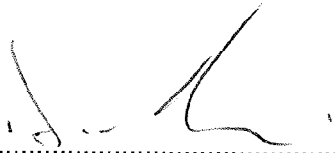
Name: Simone Egloff

Address: Philachem AG, 40 ETH Zurich, Wolfgang-Pauli-Str. 10, 8093 Zurich, Switzerland

SIGNED for and on behalf of )

SIGNED for and on behalf of )  
**Philochem AG** )  
at: ZURICH )  
on: 20 DECEMBER 2007 )  
in the presence of: )

Witness  
Signature: *Giovanni Neri*  
Name: GIOVANNI NERI  
Address: LA CIZZA 7,  
SIENA (ITALY)

Signature:   
Name: DUCCIO NERI  
Position: PRESIDENT