505020260 07/25/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5067008

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
AGNETA RICHTER DAHLFORS	06/06/2018
ANDREW BENJAMIN LIBBERTON	06/10/2018
PETER NILSSON	06/14/2018
MARCUS BACK	06/14/2018
SUSANNE LOFFLER	06/18/2018
HAMID SHIRANI BIDABADI	06/14/2018
XIANKENG CHOONG	06/06/2018
CHARALAMPOS ANTYPAS	06/07/2018

RECEIVING PARTY DATA

Name:	RICHTER LIFE SCIENCE DEVELOPMENT AB
Street Address:	ORRVAGEN 6
City:	SALTSJO-BOO
State/Country:	SWEDEN
Postal Code:	132 35

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15764735

CORRESPONDENCE DATA

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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.

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ATTORNEY DOCKET NUMBER: AWA085

NAME OF SUBMITTER: PRAVEER K. GUPTA

SIGNATURE: /Praveer K. Gupta/

505020260 PATENT REEL: 046460 FRAME: 0184

DATE SIGNED:	07/25/2018
Total Attachments: 3	
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PATENT REEL: 046460 FRAME: 0185

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

- Agneta RICHTER DAHLFORS
 Orrvägen 6
 132 35 SALTSJÖ-BOO, Sweden
- Peter NILSSON
 Hemmansgatan 106
 583 36 LINKÖPING, Sweden
- 5) Susanne LÖFFLER c/o Kornmann Solvägen 29 138 34 ÄLTA, Sweden
- 7) Xiankeng CHOONG Mjölnerbacken 64 174 60 SUNDBYBERG, Sweden

- Andrew Benjamin LIBBERTON
 Scheelegatan 11
 112 28 STOCKHOLM, Sweden
- Marcus BÄCK
 Gustaf Adolfsgatan 1
 582 20 LINKÖPING, Sweden
- 6) Hamid SHIRANI BIDABADI Onskehemsgatan 42 124 54 BANDHAGEN, Sweden
- 8) Charalampos ANTYPAS Kungshamra 47 170 70 SOLNA, Sweden

(hereinafter referred to as Assignors), have invented a certain invention entitled:

DETECTION OF MICROBIAL PEPTIDES

for which an application for Letters Patent in the United States was executed on even date herewith; and

WHEREAS, Richter Life Science Development AB, a corporation of Sweden, having a place of business at Orrvägen 6, 132 35 SALTSJÖ-BOO, Sweden, (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said application (hereinafter referred to as Application), and the invention disclosed therein (hereinafter referred to as Invention), and in and to all embodiments of the Invention, heretofore conceived, made or discovered by said Assignors, and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter referred to as Patents) thereon granted in any and all countries and groups of countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Assignors to have been received in full from said Assignee:

1. Said Assignors hereby sell, assign, transfer and convey to Assignee the full and exclusive right, title and interest (a) in and to said Application and said Invention; (b) in and to all rights to apply for patents on said Invention in any and all countries pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all Applications filed and any and all Patents granted on said Invention in any and all countries and groups of countries, including each and

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every Application filed and each and every Patent granted on any application which is a division, substitution, or continuation of said Application; and (d) in and to each and every reissue or extension of any of said Patents.

- 2. Said Assignors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest to said Invention herein conveyed in any and all countries and groups of countries. Such cooperation by said Assignors shall include prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said Invention and any application therefor and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Assignors in providing such cooperation shall be paid for by said Assignee.
- 3. The term and covenants of this agreement shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Assignors, their respective heirs, legal representatives and assigns.
- 4. Said Assignors hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.

6 June , 2018

10 SUNE , 2018

14 June 2018

14 June 2018

Agneta RIGHTER DAHLFORS

Andrew Benjamin LIBBERTON

Peter NILSSON

Marcus BÄCK

\S_	June	2018

Súsanne LÖFFLER

14 Ind 2018

Mamil & now

6 June 2018

///COVIG LIND///

7 June 2018

Charalampos ANTYPAS