

PATENT ASSIGNMENT

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| 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>Matthew BAKER</td> <td>08/02/2006</td> </tr> <tr> <td>Francis J. CARR</td> <td>08/16/2006</td> </tr> <tr> <td>Koen HELLENDOORN</td> <td>09/06/2006</td> </tr> </tbody> </table> | | Name | Execution Date | Matthew BAKER | 08/02/2006 | Francis J. CARR | 08/16/2006 | Koen HELLENDOORN | 09/06/2006 | | |
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| RECEIVING PARTY DATA | | | | | | | | | | | |
| <table border="1"> <tr> <td>Name:</td> <td>MERCK PATENT GMBH</td> </tr> <tr> <td>Street Address:</td> <td>Frankfurter Strabe 250</td> </tr> <tr> <td>City:</td> <td>Darmstadt</td> </tr> <tr> <td>State/Country:</td> <td>GERMANY</td> </tr> <tr> <td>Postal Code:</td> <td>64293</td> </tr> </table> | | Name: | MERCK PATENT GMBH | Street Address: | Frankfurter Strabe 250 | City: | Darmstadt | State/Country: | GERMANY | Postal Code: | 64293 |
| Name: | MERCK PATENT GMBH | | | | | | | | | | |
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| State/Country: | GERMANY | | | | | | | | | | |
| Postal Code: | 64293 | | | | | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12784820</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 12784820 | | | | | | |
| Property Type | Number | | | | | | | | | | |
| Application Number: | 12784820 | | | | | | | | | | |
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| ATTORNEY DOCKET NUMBER: | 140260.00521 | | | | | | | | | | |
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Date:

08/22/2013

Total Attachments: 3

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ASSIGNMENT

WHEREAS We, **(1) Matthew Baker; (2) Francis J. Carr; and (3) Koen Hellendoorn**, whose full post office addresses are (1) The Holts, Sergeants Yard, High Street, Horningsea, Cambridge CB5 9JG, United Kingdom; (2) Birchlea, The Holdings, Balmedie, Aberdeenshire AB23 8XU, United Kingdom; and (3) 80 Fairwell Road, Stockton-on-Tees TS19 7JB, United Kingdom, are inventors of an invention entitled **MODIFIED BOUGANIN PROTEINS, CYTOTOXINS AND METHODS AND USES THEREOF** for which patent applications were filed as listed on Schedule A attached hereto,

AND WHEREAS MERCK PATENT GMBH, whose full post office address is Frankfurter Straße 250, 64293, Darmstadt, Germany, has acquired from us our whole right, title and interest for the United States of America, Canada and all other countries in and to the said invention and in and to any Letters Patent that may be obtained therefore, and in and to said applications,

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt of all of which is hereby acknowledged, we, **(1) Matthew Baker; (2) Francis J. Carr; and (3) Koen Hellendoorn** by these presents confirm that we have sold, assigned and transferred and do hereby sell, assign and transfer unto the said **MERCK PATENT GMBH** our full and exclusive right to the said invention in the United States of America, Canada and all other countries and our entire right, title and interest in and to any and all Letters Patent which may be granted therefore, and our entire right, title and interest in and to said application, and in and to any divisions, continuations, continuations-in-part, renewals, re-examinations and extensions of said application and to any other patent application and patents that claim priority for the aforementioned patent application, together with our right to claim the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property based on said patent applications.

We agree that we will without further consideration do all such things and execute all such documents as may be necessary or desirable to obtain and maintain patents for said invention and for additions and modifications thereto in any and all countries, and to vest title thereto in said **MERCK PATENT GMBH**, its successors, assigns and legal representatives or nominees.

We hereby authorize and request the Commissioner of Patents and Trademarks in the U.S. and all other equivalent patent granting authorities in other jurisdictions to issue said Letters Patent to the said **MERCK PATENT GMBH**, the assignee of our entire right, title and interest in and to the same, for its sole use and benefit, and for the use and benefit of its successors and assigns, to the full end of the term for which Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made.

The undersigned hereby grant the firm of Bereskin & Parr (Box 401, 40 King Street West, Toronto, Ontario, Canada M5H 3Y2) the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office or other Patent Offices in the world for recordation of this document.

Signed this 2 day of August, 2006, at ANTHOPE LTD, CAMBRIDGE

Bradley
Witness

Matthew Baker
Matthew Baker

Signed this 16 day of August, 2006, at Palmeira

M. B. Munson
Witness

Francis J. Carr
Francis J. Carr

Signed this 4 day of September, 2006, at Billingham

V. Hennen
Witness

Koen Helleendoorn
Koen Helleendoorn

Assignee Acceptance:

Signed this 04 day of October, 2006, at Darmstadt

Juergen Benz
i.v. Dr. Juergen Benz
Witness

MERCK PATENT GMBH
Arno Hartmann
ppa. Dr. Arno Hartmann
Signed for and on behalf of
Merck Patent GmbH
Name: Dr. Arno Hartmann
Title: Head of Patents Pharmaceuticals

SCHEDULE A

| <u>Country</u> | <u>Application No.</u> | <u>Filing Date</u> |
|---------------------------|-------------------------------|---------------------------|
| United States of America | 60/554,580 | March 19, 2004 |
| United States of America | 60/630,571 | November 26, 2004 |
| Patent Cooperation Treaty | PCT/CA2005/000410 | March 18, 2005 |
| United States of America | 11/084,080 | March 18, 2005 |