

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
R.E.D. Laboratories, N.V.	04/18/2013
RECEIVING PARTY DATA	
Name:	Protea Biopharma N.V.
Street Address:	De Tyraslaan 111
City:	Neder-Over-Heembeek
State/Country:	BELGIUM
Postal Code:	1120
PROPERTY NUMBERS Total: 1	
Property Type	Number
Patent Number:	7462495
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NAME OF SUBMITTER:	Bret E. Field
Signature:	/Bret E. Field, Reg. No. 37,620/
Date:	04/29/2013
Total Attachments: 2 source=REDL-004CON_Ex_RED_to_Protea_Assignment#page1.tif source=REDL-004CON_Ex_RED_to_Protea_Assignment#page2.tif	

OP \$40.00 7462495

## ASSIGNMENT OF APPLICATION

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THIS ASSIGNMENT, by **R.E.D. LABORATORIES, N.V.** (hereinafter referred to as the assignor), having its principal place of business at Z.1 Researchpark 100, Zellik, Belgium B-1731 witnesseth:

WHEREAS, the said assignor has acquired right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:

"Methods and Compositions for Use in Diagnosing and Characterizing Chronic Immune Disease"

X filed on October 12, 2004 as U.S. Application Serial No. 10/963,981, and issued on December 9, 2008 as 7,462,495, designating the United States by virtue of an assignment from the inventors to R.E.D. Laboratories, N.V., recorded on September 27, 2005, 016636/0372 (reel/frame), and

WHEREAS, **Protea Biopharma N.V.**, a corporation duly organized under and pursuant to the laws of Belgium, and having its principal place of business at De Tyraslaan 111, 1120 Neder-Over-Heembeek, Belgium (hereinafter referred to as the assignee), is desirous of acquiring their right, title and interest in and to said invention and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW THEREFORE, for good and sufficient considerations, the receipt of which is hereby acknowledged, said assignor has sold, assigned, transferred and set over, and by these presents does sell, assign, transfer and set over, unto the assignee, its successors, legal representatives and assigns, all of their right title and interest in and to the above-mentioned invention, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and behalf and the use and behalf of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignor, had this sale and assignment not been made.

AND for the same consideration, said assignor hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and that said assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, the said assignor hereby covenants and agrees to and with said assignee, its successors, legal representatives and assigns, that said assignor will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said invention, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said invention in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said invention, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

AND the said assignor hereby requests the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said invention and the Letters Patent to be issued thereon for the use and behalf of said assignee, its successors, legal representatives and assigns.

Date

12/9/2013

Assignor:

  
Signature

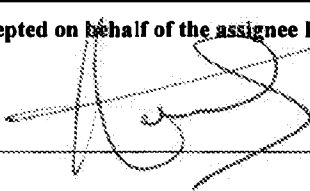
Diederik  
Name and Title of Officer for  
**R.E.D. LABORATORIES, N.V.**

ASSIGNMENT OF APPLICATION

USSN: 10/963,981  
Filed October 12, 2004  
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Hereby accepted on behalf of the assignee Protea Biopharma N.V.

Signature



ROELANT C.

Date

16/04/2013

Name (print)

Title and Company

MAN. DIRECTOR PROTEA BIOPHARMA N.V.