

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

| | |
|--|-----------------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| Zhixin SHAO | 04/04/2005 |
| Joachim HOENES | 04/11/2005 |
| Carina HORN | 04/20/2005 |
| Wolfgang-Reinhold KNAPPE | 04/11/2005 |
| Rainer SCHMUCK | 04/25/2005 |
| RECEIVING PARTY DATA | |
| Name: | Roche Diagnostics GmbH |
| Street Address: | Sandhoferstrasse 116 |
| City: | Mannheim |
| State/Country: | GERMANY |
| Postal Code: | 68305 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 10975697 |
| CORRESPONDENCE DATA | |
| Fax Number: | (317)231-7433 |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | |
| Phone: | 317-231-7253 |
| Email: | gtwyman@btlaw.com |
| Correspondent Name: | Bradford G. Addison |
| Address Line 1: | 11 South Meridian Street |
| Address Line 4: | Indianapolis, INDIANA 46204 |
| NAME OF SUBMITTER: | Bradford G. Addison |
| Total Attachments: 3 source=1_Assign#page1.tif source=1_Assign#page2.tif | |

CH \$40.00 10975697

500032577

PATENT
REEL: 016047 FRAME: 0901

Attorney Docket No.: 5727-76273
 Client Reference No.: WP 22816

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned,

Name(s) Zhixin Shao, Joachim Hoenes
 of Inventor(s) Carina Horn, Wolfgang-Reinhold Knappe
Rainer Schmuck and,

maker(s) of an invention which is the subject of an application for Letters Patent of the United States ("Application") entitled

Title of Inactivated Enzyme Variants And Associated Process And Reagent System
 Application

the undersigned hereby sell(s), assign(s), and set(s) over to

Name of Roche Diagnostics GmbH
 Assignee

Address of Sandhoferstrasse 116
 principal 68305 Mannheim, GERMANY
 place of
 business

Insert State of GERMANY
 Incorporation a corporation of
 (if applicable) or
 "Not Applicable"

(hereinafter designated as the Assignee) their entire right, title, and interest in, to, and under the Application, including all priority rights for other countries arising therefrom, all inventions therein disclosed, and any and all Letters Patent of the United States and of all other countries, including Canada, which may be granted for such inventions, or any of them, all such inventions and all rights in such Application and Letters Patent to be held and enjoyed by Assignee for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by them had this assignment and sale not been made.

The undersigned agree(s) to execute all papers necessary in connection with the application(s) in the United States and foreign countries and any continuing, divisional, or reissue applications thereof, and any reexamination of any of such applications, and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared or litigation concerning the application(s) or continuation, division, reissue, or reexamination thereof, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or litigation.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

ASSIGNMENT TO BUSINESS CONCERN

The undersigned agree(s) to do all other acts which, in the opinion of Assignee, may be necessary or desirable to secure the grant of Letters Patent to Assignee or its nominees, in the United States and in all other countries where Assignee may desire to have such inventions, or any of them, patented, with specifications and claims in such form as shall be approved by Assignee and to vest and confirm in Assignee or its nominees the full and complete legal and equitable title to all such Letters Patent.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application(s) or any division or divisions or continuing or reissue applications thereof, and any reexamination of any of such applications, to the said Assignee, as Assignee of the entire interest, and hereby covenants that the undersigned has full right to convey the interest herein assigned, and that the undersigned has not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the attorney of record 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 for recordation of this document.

IN WITNESS WHEREOF, I have executed this assignment at Penzberg, Germany
this 4th day of April, 2005.

Outside the USA: [Signature]
Witnesses are required when acknowledgment before a Notary Public is not feasible.
Witness B. RICHTER

[Signature]
Inventor (Signature)
Zhixin Shao
Inventor (Printed Name)

IN WITNESS WHEREOF, I have executed this assignment at Mannheim, Germany
this 11th day of April, 2005.

Outside the USA: [Signature]
Witnesses are required when acknowledgment before a Notary Public is not feasible.
Witness W. K. Knappe

[Signature]
Inventor (Signature)
Joachim Hoenes
Inventor (Printed Name)

IN WITNESS WHEREOF, I have executed this assignment at Mannheim, Germany
this 20th day of April, 2005.

Outside the USA: [Signature]
Witnesses are required when acknowledgment before a Notary Public is not feasible.
Witness C. Güssler-Dietsche

[Signature]
Inventor (Signature)
Carina Horn
Inventor (Printed Name)

IN WITNESS WHEREOF, I have executed this assignment at Mannheim, Germany
this 11 day of April, 2005.

Outside the USA:
Witnesses are
required when
acknowledgment
before a Notary
Public is not
feasible.

Franklin Kainer
Witness
Joachim Heuer
Witness

Wolfgang Reinhold Knappe
Inventor (Signature)

Wolfgang-Reinhold Knappe
Inventor (Printed Name)

IN WITNESS WHEREOF, I have executed this assignment at Reutberg, Germany
this 25 day of April, 2005.

Outside the USA:
Witnesses are
required when
acknowledgment
before a Notary
Public is not
feasible.

Hartmut Schetter
Witness
HARTMUT SCHETTERS
Witness

Rainer Schmuck
Inventor (Signature)

Rainer Schmuck
Inventor (Printed Name)

U.S. Application Serial No. 10/975,697
Filing Date October 28, 2004