

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Ronald T. Kurnik	04/06/2006
Laurent Francioli	04/26/2006
Rolf Knobel	04/10/2006
RECEIVING PARTY DATA	
Name:	Roche Molecular Systems, Inc.
Street Address:	1145 Atlantic Avenue
Internal Address:	Patent Department
City:	Alameda
State/Country:	CALIFORNIA
Postal Code:	94501
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11349550
CORRESPONDENCE DATA	
Fax Number:	(510)814-2973
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	510-814-2800
Email:	winsome.st_rose@roche.com
Correspondent Name:	Roche Molecular Systems, Inc.
Address Line 1:	1145 Atlantic Avenue
Address Line 2:	Patent Department
Address Line 4:	Alameda, CALIFORNIA 94501
ATTORNEY DOCKET NUMBER:	23479-US
NAME OF SUBMITTER:	Charles M. Doyle

CH \$40.00 11349550

500101906

PATENT  
REEL: 017588 FRAME: 0535

**Total Attachments: 4**

source=23479-US Assignment#page1.tif

source=23479-US Assignment#page2.tif

source=23479-US Assignment#page3.tif

source=23479-US Assignment#page4.tif

**ASSIGNMENT**

WHEREAS, We, Ronald T. KURNIK, of Foster City California, USA and Laurent FRANCIOLI, of Lutry, Switzerland and Rolf KNOBEL, of Rotkreuz, Switzerland, hereinafter referred to as ASSIGNORS, have invented certain new and useful improvements, which are described and claimed in an application, provisional or otherwise, for United States Letters Patent entitled

**"PCR ELBOW DETERMINATION BY USE OF A DOUBLE SIGMOID FUNCTION  
CURVE FIT WITH THE LEVENBERG-MARQUARDT ALGORITHM AND  
NORMALIZATION"**



and identified by Serial No: 11/349,550      Filing Date: February 6, 2006

WHEREAS, ROCHE MOLECULAR SYSTEMS, INC. of 1145 Atlantic Avenue, Alameda, California 94501, an company organized under the Laws of the State of Delaware, hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to the said invention and application and in any United States Letters of Patent which may be granted on the same.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for valuable consideration, receipt of which is hereby acknowledged, ASSIGNORS have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said ASSIGNEE, and ASSIGNEE'S successors and assigns, all right, title and interest in and to the said invention, said application for United States Letters Patent, and any Letters of Patent which may hereafter be granted on the same in the United States including any application claiming priority under 35 U.S.C. §119(e), divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, reexaminations, prolongations or extensions thereof, the said interest to be held and enjoyed by said ASSIGNEE as fully and exclusively as it would have been held and enjoyed by said ASSIGNORS had this assignment and transfer not been made, to the full end and term of any Letters Patent.

UPON said consideration, ASSIGNORS do hereby covenant and agree with the said ASSIGNEE that ASSIGNORS will not execute any writing or do any act whatsoever conflicting with these presents. ASSIGNORS further agree that they will, without charge to said ASSIGNEE, but at ASSIGNEE'S expense, cooperate with ASSIGNEE in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as ASSIGNEE lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, in enforcing any rights or causes in action accruing as a result of such applications or patents, including but not limited to, giving testimony in any proceedings or transactions involving such applications or patents and executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind and inure to the benefit of the assigns and legal representatives of all parties hereto.

IN TESTIMONY WHEREOF, this assignment has been executed by the ASSIGNORS

  
\_\_\_\_\_  
Ronald T. Kurnik  
Ronald 

\_\_\_\_\_  
Date 4/6/2006

State of California )  
County of Alameda ) ss.

On April 6, 2006, before me, Joan Gordon Flanagan, Notary Public for the State of California, personally appeared RONALD T. KURNIK

- ☐ personally known to me
- ☐ proved to me on the basis of satisfactory evidence to the person whose name is subscribed to the within instrument and acknowledge to that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which he acted, executed the instrument.



WITNESS my hand and official seal

Joan Gordon Flanagan  
Signature of Notary

(Please Notary Seal Here)

\_\_\_\_\_  
Laurent Francioli at \_\_\_\_\_ Date \_\_\_\_\_

WITNESSES

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
**Ronlad T. Kurnik**

\_\_\_\_\_  
Date

State of California        )  
                                      ) ss.  
County of \_\_\_\_\_)

On \_\_\_\_\_, before me, Joan Gordon Flanagan, Notary Public for the State of  
California, personally appeared **RONALD T. KURNIK**

- ☐ personally known to me
- ☐ proved to me on the basis of satisfactory evidence to the person whose name is subscribed to the within  
instrument and acknowledge to that he executed the same in his authorized capacity, and that by his  
signature on the instrument the person, or the entity upon behalf of which he acted, executed the  
instrument.

WITNESS my hand and official seal

\_\_\_\_\_  
*Signature of Notary*

(Please Notary Seal Here)

\_\_\_\_\_  
**Laurent Francioli**

at Lausanne

26.04.06  
Date


WITNESSES

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Signature

LYDIA LOSTAN  
Printed Name

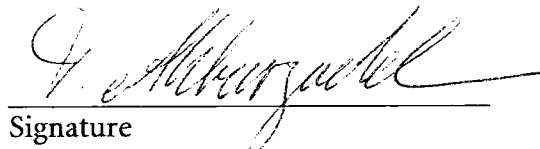
Marc BERGER  
Printed Name

  
Rolf Knobel

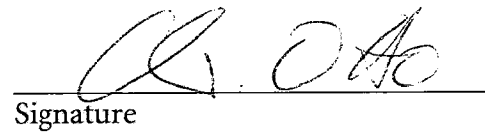
at Rotkreuz

4-10-06  
Date

WITNESSES

  
Signature

Vahid Akbarzadeh  
Printed Name

  
Signature

Christiane Otto  
Printed Name

THIS DOCUMENT CONTAINS NEITHER RECOMMENDATIONS NOR CONCLUSIONS OF THE NATIONAL BUREAU OF STANDARDS. IT IS THE PROPERTY OF THE NATIONAL BUREAU OF STANDARDS AND IS LOANED TO YOUR INSTITUTION. IT AND ITS CONTENTS ARE NOT TO BE REPRODUCED IN ANY FORM WITHOUT THE WRITTEN PERMISSION OF THE NATIONAL BUREAU OF STANDARDS.