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(Rev. 03-01)  
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To the Honorable Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
**David H. Gelfand, Fred L. Reichert, Veeraiah Bodepudi,  
Amar Gupta, Stephen G. Will and Thomas W. Myers**

Additional names(s) of conveying party(ies)  Yes  No

2. Name and address of receiving party(ies):  
Name: **ROCHE MOLECULAR SYSTEMS, INC.**  
Address: **1145 Atlantic Avenue**

City: **Alameda** State/Prov.: **CA**  
Country: **US** ZIP: **94501**

Additional name(s) & address(es)  Yes  No

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_

Execution Date: **8/27/04, 8/30/04, 8/30/04 and 9/8/04**

4. Application number(s) or patent numbers(s):  
If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

Patent Application No.	Filing date
10/879,493	June 28, 2004

Additional numbers  Yes  No

B. Patent No.(s)

6. Total number of applications and patents involved: **1**

7. Total fee (37 CFR 3.41):.....\$ **40.00**  
 Enclosed - Any excess or insufficiency should be credited or debited to deposit account  
 Authorized to be charged to deposit account

8. Deposit account number:  
**50-0812**  
(Attach duplicate copy of this page if paying by deposit account)

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: **Charles M. Doyle**  
Registration No. **39,175**  
Address: **Roche Molecular Systems, Inc.**  
**Patent Department**  
**1145 Atlantic Avenue**  
City: **Alameda** State/Prov.: **CA**  
Country: **US** ZIP: **94501**

9. Statement and signature.  
*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

**Charles M. Doyle (Reg. No. 39,175)** *Charles M. Doyle* **23 September 2004**  
Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and \_\_\_\_\_

Mail documents to be recorded with required cover sheet information to:  
Mail Stop Assignment Recordation Services  
Director of the United States Patent and Trademark Office  
P.O. Box 1450, Alexandria, VA 22313-1450

I hereby certify that this Assignment and attachments are being transmitted to the USPTO via fax no. 703-306-5995

Atty Docket: 78-000310US  
Client Docket: 21664-US1

ASSIGNMENT

WHEREAS, We, David H. GELFAND of Oakland, California, Fred L. REICHERT of San Leandro, California, Veeraiah BODEPUDI of San Ramon, California, Amar GUPTA of Danville, California, Stephen G. WILL of Oakland, California and Thomas W. MYERS of Alameda, California, 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

**"2'-TERMINATOR NUCLEOTIDE-RELATED METHODS AND SYSTEMS"**

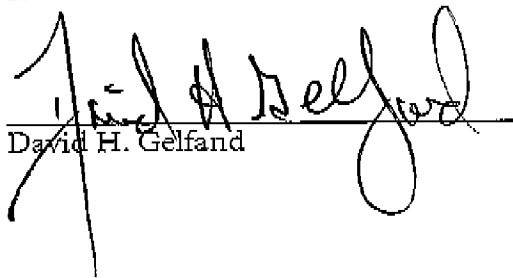
and identified by Serial No: 10/879,493 Filing Date: June 28, 2004

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 choses 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

  
\_\_\_\_\_  
David H. Gelfand

9-8-04  
Date

Atry Docket: 78-000310US  
Client Docket: 21664-US1  
Serial No. 10/879,493  
Filed June 28, 2004

[Signature]  
Fred Reichert

8-27-04  
Date

[Signature]  
Veeraiah Bodepudi

August 30, 2004.  
Date

[Signature]  
Amar Gupta

8/30/2004  
Date

[Signature]  
Stephen Will

8/27/04  
Date

[Signature]  
Thomas W. Myers

8-27-04  
Date

State of California )  
County of Alameda ) ss.

On Sept 8, 2004, before me, Winsome St. Rose, Notary Public for the State of California, personally appeared DAVID H. GELFAND, personally known to me to be 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 individual, or the entity upon behalf of which he acted, executed the instrument.

WITNESS my hand and official seal

[Signature]

Winsome St. Rose - Notary Public for the State of California

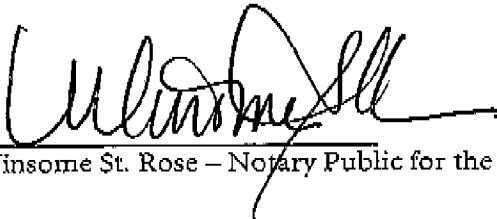


Atty Docket: 78-000310US  
Client Docket: 21664-US1  
Serial No. 10/879,493  
Filed June 28, 2004

State of California )  
County of Alameda ) ss.

On August 27, 2004, before me, Winsome St. Rose, Notary Public for the State of California, personally appeared FRED L. REICHERT, STEPHEN G. WILL and THOMAS W. MYERS, personally known to me to be the persons whose names are subscribed to the within instrument and acknowledge to that they executed the same in their authorized capacity, and that by their signatures on the instrument these individuals, or the entity upon behalf of which they acted, executed the instrument.

WITNESS my hand and official seal

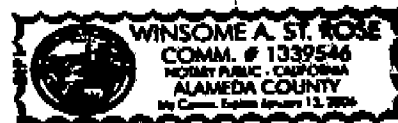
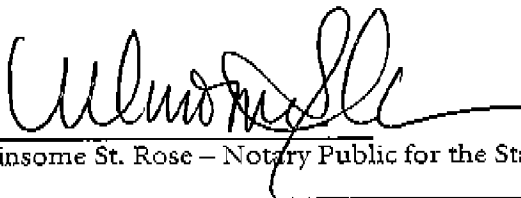


Winsome St. Rose - Notary Public for the State of California

State of California )  
County of Alameda ) ss.

On August 30 2004, before me, Winsome St. Rose, Notary Public for the State of California, personally appeared VEERAAIAH BODEPUDI and AMAR GUPTA, personally known to me to be the persons whose names are subscribed to the within instrument and acknowledge to that they executed the same in their authorized capacity, and that by their signatures on the instrument these individuals, or the entity upon behalf of which they acted, executed the instrument.

WITNESS my hand and official seal



Winsome St. Rose - Notary Public for the State of California