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U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office102799486  
PATENTS ONLY

Attorney Ref. No. 02-312-G (600.041)

To The Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying parties:

Chandra Vargeese  
Peter Haerberli  
Weimin Wang  
Tongqian Chen

## 2. Name and address of receiving party(ies)

Name: Sirna Therapeutics, Inc.

Internal Address: \_\_\_\_\_

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other \_\_\_\_\_Street Address: 2950 Wilderness Place  
City: Country: Zip: Boulder, CO 80301

Execution Dates: June 14, 2004 and July 12, 2004

Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

## A. Patent Application No.(s)

10/780,447

## B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Stephen H. Docter

Company Name: McDonnell Boehnen Hulbert &amp; Berghoff LLP

Street Address: 300 South Wacker Drive

City: Chicago State: IL ZIP: 60606

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

## 7. Total Fee (37 CFR 3.41).....\$40.00

☒ Enclosed☐ Authorized to be charged to deposit account

## 8. Deposit account number: 13-2490

DO NOT USE THIS SPACE

## 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.*

Stephen H. Docter Reg. No. 44,659

Printed Name of Person Signing

Signature

Date: July 14, 2004

Total number of pages including cover sheet, attachments, and document: 7

Mail documents to be recorded with required cover sheet information to:

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

07/23/2004 6TOM11 00000049 10780447

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PATENT  
REEL: 015589 FRAME: 0591

## ASSIGNMENT

Case No.: MBHB02-312-G (600.041)  
Inventors: Vargeese, et al.

Serial No.: 10/780,447  
Filing Date: February 13, 2004

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to:

**SIRNA THERAPEUTICS, INC.**  
**a corporation organized and existing under and by virtue of the**  
**laws of the State of Delaware and**  
**having its place of business at 2950 Wilderness Place, Boulder, Colorado 80301**

its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled:

### **CONJUGATES AND COMPOSITIONS FOR CELLULAR DELIVERY**

and identified as:

**Case No. MBHB02-312-G (600.041)**

in the offices of McDONNELL BOEHNNEN HULBERT & BERGHOFF LLP and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assigns to said assignee the priority right provided by the International Convention.

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known, and the date of execution of the application.

The undersigned warrant themselves to be the owners of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorize said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further

agree, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

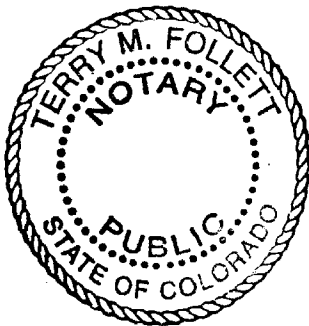
WITNESS my hand and seal this 14<sup>th</sup> day of June, 2004.

V. Chandra Vargeese  
Chandra Vargeese

State of COLORADO

County of BOULDER


The foregoing instrument was acknowledged before me this 14<sup>th</sup> day of JUNE, 2004,



Terry M. Follett  
NOTARY PUBLIC

My Commission Expires  
02/05/2006

WITNESS my hand and seal this 14 day of June, 2004.

  
\_\_\_\_\_  
Peter Haeberli

State of COLORADO

County of BOULDER

The foregoing instrument was acknowledged before me this 14<sup>TH</sup> day of JUNE, 2004,



  
\_\_\_\_\_  
NOTARY/PUBLIC

My Commission Expires  
02/05/2006

WITNESS my hand and seal this 14<sup>th</sup> day of JUNE, 2004.

Wang Weimin

Weimin Wang

State of COLORADO

County of Boulder

The foregoing instrument was acknowledged before me this 14<sup>th</sup> day of JUNE, 2004,

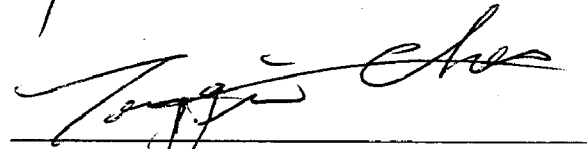


Terry M. Follett

NOTARY PUBLIC

My Commission Expires  
02/05/2006


WITNESS my hand and seal this 12<sup>th</sup> day of July, 2004.

  
\_\_\_\_\_  
Tongqian Chen

State of COLORADO

County of BOULDER

The foregoing instrument was acknowledged before me this 12<sup>th</sup> day of July, 2004,

  
\_\_\_\_\_  
NOTARY PUBLIC