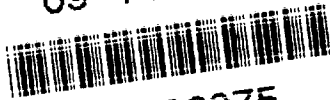
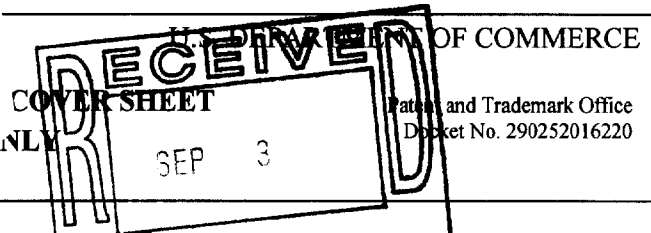


MRD 9-3-98

09-14-1998



100826075



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

1. Name of conveying party(ies):  
David Kupiecki, Clifford Teoh, Hong Doan, Son M. Gia, Erik T. Engelson, Uriel Hiram Chee, Mehran Bashiri and Joseph C. Eder  
 Individual(s)       Association  
 General Partnership       Limited Partnership  
 Corporation-State       Other

2. Name and address of receiving party(ies):  
Name: Target Therapeutics, Inc.  
Internal Address:  
Street Address: 47201 Lakeview Blvd.  
City: Fremont, State: California ZIP: 94537

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

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

3. Nature of conveyance:  
 Assignment (in counterparts)       Merger  
 Security Agreement       Change of Name  
 Other:  
Execution Date: August 11, 1998, August 19, 1998, August 26, 1998, August 10, 1998, August 27, 1998, August 18, 1998, August 19, 1998 and August 19, 1998 respectively

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)      B. Patent No.(s)  
09/096,806  
Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
Dahna S. Pasternak  
Morrison & Foerster LLP  
755 Page Mill Road  
Palo Alto, California 94304-1018

6. Total number of applications and patents involved: 1  
7. Total fee (37 C.F.R. § 3.41): \$40.00  
 Enclosed  
 Authorized to be charged to deposit account, referencing Attorney Docket 290252016220

8. Deposit account number: 03-1952

The Commissioner is hereby authorized to charge any fees under 37 C.F.R. § 1.21 that may be required by this paper, or to credit any overpayment to Deposit Account No. 03-1952.

**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.  
Name: Dahna S. Pasternak      D. Pasternak      Aug 31/98  
Registration No: 41,411      Signature      Date

Total number of pages comprising cover sheet, attachments and document: 10

Mail documents to be recorded with required cover sheet information to:  
U.S. Patent and Trademark Office  
Office of Public Records  
Box Assignments  
Crystal Gateway 4, Room 335  
Washington, D.C. 20231

(09/08/1998 TT011 00000058 09096806)  
01 FC:581 40.00 OP

pa-299432

**ASSIGNMENT  
JOINT**

THIS ASSIGNMENT, by David Kupiecki, Clifford Teoh, Hong Doan, Son M. Gia, Erik T. Engelson, Uriel Hiram Chee, Mehran Bashiri, and Joseph C. Eder (hereinafter referred to as the assignors), residing at San Francisco, Daly City, San Jose, San Jose, Menlo Park, San Carlos, San Carlos, and Los Altos, all of California, respectively, witnesseth:

WHEREAS, said assignors have invented certain new and useful improvements in ANEURYSM CLOSURE DEVICE ASSEMBLY, set forth in an application for Letters Patent of the United States, bearing Serial No. 09/096,806 and filed on June 12, 1998; and

WHEREAS, Target Therapeutics, Inc., a corporation duly organized under and pursuant to the laws of Delaware and having its principal place of business at 47201 Lakeview Blvd., Fremont, California 94537 (hereinafter referred to as the assignee) is desirous of acquiring the entire right, title and interest in and to said inventions 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, in consideration of One Dollar (\$1.00) and other good and sufficient considerations, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents does sell, assign, transfer and set over, unto said assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, 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 the use 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 assignors, had this sale and assignment not been made.

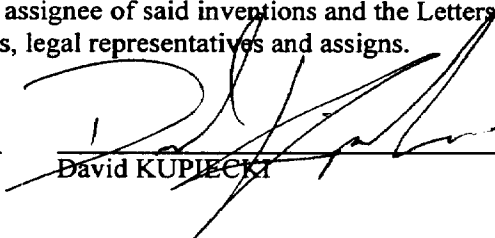
AND for the same consideration, said assignors hereby covenant and agree to and with said assignee its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignors are the sole and lawful owners of the entire right, title and interest in and to said inventions and the application for Letters Patent above-mentioned, and that the same are unencumbered and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors 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 inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions 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 inventions, 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 said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said inventions and the Letters Patent to be issued thereon for the sole use of said assignee, its successors, legal representatives and assigns.

8-11-98

Date

  
\_\_\_\_\_  
David KUPIECKI

Date	Clifford TEOH
Date	Hong DOAN
Date	Son M. GIA
Date	Erik T. ENGELSON
Date	Uriel Hiram CHEE
Date	Mehran BASHIRI
Date	Joseph C. EDER

**ASSIGNMENT  
JOINT**

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AND for the same consideration, said assignors 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, said assignors are the sole and lawful owners of the entire right, title and interest in and to said inventions and the application for Letters Patent above-mentioned, and that the same are unencumbered and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors 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 inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions 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 inventions, 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 said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said inventions and the Letters Patent to be issued thereon for the sole use of said assignee, its successors, legal representatives and assigns.

\_\_\_\_\_

Date

\_\_\_\_\_

David KUPIECKI

08-17-98

Date

  
Clifford TEOH

08/26/98

Date

  
Hong DOAN


8/16/98

Date

  
Son M. GIA

8/27/98

Date

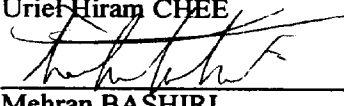
  
Erik T. ENGELSON

Date

Uriel Hiram CHEE

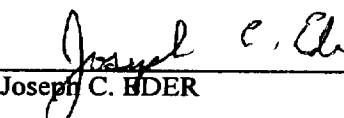
8/19/98

Date

  
Mehran BASHIRI

8/19/98

Date

  
Joseph C. BDER

# CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

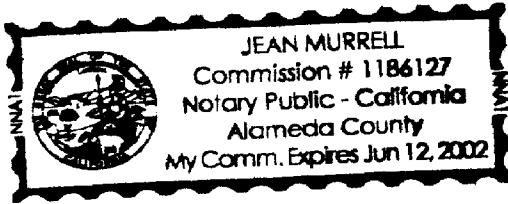
County of Alameda } ss.

On 6/19/98, before me, Jean Murrell, Notary Public  
Date Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Clifford Tech, Mehvan Bashiri, Joseph C. Eder,  
Name(s) of Signer(s)

- personally known to me
- proved to me on the basis of satisfactory evidence

to be the person(s) whose name(s) ~~is~~ are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by ~~his~~ her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



Place Notary Seal Above

WITNESS my hand and official seal.

Jean Murrell  
Signature of Notary Public

## OPTIONAL

*Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.*

### Description of Attached Document

Title or Type of Document: \_\_\_\_\_

Document Date: \_\_\_\_\_ Number of Pages: \_\_\_\_\_

Signer(s) Other Than Named Above: \_\_\_\_\_

### Capacity(ies) Claimed by Signer

Signer's Name: \_\_\_\_\_

- Individual
- Corporate Officer — Title(s): \_\_\_\_\_
- Partner —  Limited  General
- Attorney in Fact
- Trustee
- Guardian or Conservator
- Other: \_\_\_\_\_

Signer Is Representing: \_\_\_\_\_

RIGHT THUMBPRINT OF SIGNER	
Top of thumb here	

# CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of

Alameda

} ss.

On

8/20/98  
Date

, before me,

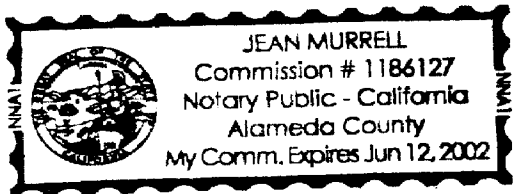
Jean Murrell, Notary Public  
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared

Hong Doan  
Name(s) of Signer(s)

- personally known to me
- proved to me on the basis of satisfactory evidence

to be the person~~(s)~~ whose name~~(s)~~ is/~~are~~ subscribed to the within instrument and acknowledged to me that ~~he~~/~~she~~/~~they~~ executed the same in ~~his~~/~~her~~/~~their~~ authorized capacity~~(ies)~~, and that by ~~his~~/~~her~~/~~their~~ signature~~(s)~~ on the instrument the person~~(s)~~, or the entity upon behalf of which the person~~(s)~~ acted, executed the instrument.



WITNESS my hand and official seal.

Jean Murrell  
Signature of Notary Public

Place Notary Seal Above

## OPTIONAL

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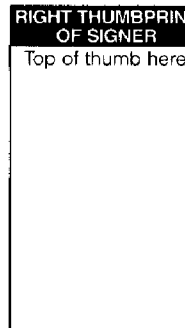
Signer(s) Other Than Named Above: \_\_\_\_\_

### Capacity(ies) Claimed by Signer

Signer's Name: \_\_\_\_\_

- Individual
- Corporate Officer — Title(s): \_\_\_\_\_
- Partner —  Limited  General
- Attorney in Fact
- Trustee
- Guardian or Conservator
- Other: \_\_\_\_\_

Signer Is Representing: \_\_\_\_\_



**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

State of California }  
County of Alameda } ss.

On 8/27/98, before me, Jean Murrell, Notary Public  
Date Name and Title of Officer (e.g., "Jane Doe, Notary Public")  
personally appeared Erik T. Engelson,  
Name(s) of Signer(s)

- personally known to me
- proved to me on the basis of satisfactory evidence

to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



Place Notary Seal Above

WITNESS my hand and official seal.  
Jean Murrell  
Signature of Notary Public

**OPTIONAL**

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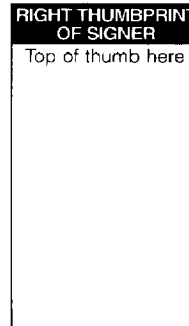
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Signer Is Representing: \_\_\_\_\_





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JOINT**

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\_\_\_\_\_  
Date

\_\_\_\_\_  
David KUPIECKI

\_\_\_\_\_  
Date Clifford TEOH

\_\_\_\_\_  
Date Hong DOAN

\_\_\_\_\_  
Date Son M. GIA

\_\_\_\_\_  
Date Erik T. ENGELSON

8/18/98  
\_\_\_\_\_  
Date Uriel Hiram CHEE

\_\_\_\_\_  
Date Mehran BASHIRI

\_\_\_\_\_  
Date Joseph C. EDER