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- [ ] Corrective Document

Conveyance Type
- [ ] Assignment
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- [ ] Change of Name
- [ ] Other
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Conveying Party(ies)
- Name (line 1): Mark D. Erion
- Name (line 2): 
- Second Party
- Name (line 1): K. Raja Reddy
- Name (line 2): 

Receiving Party
- Name (line 1): METABASIS THERAPEUTICS, INC.
- Name (line 2): 
- Address (line 1): 9390 Towne Centre Drive
- Address (line 2): 
- Address (line 3): San Diego, California 92121

Domestic Representative Name and Address

[ ] Mark if additional names of conveying parties attached

Execution Date
Month: 9
Day: 7
Year: 2000

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[ ] If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Assignment must be a separate document from Assignment.)

Domestic Representative Name and Address

[ ] Enter for the first Receiving Party Only.

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Address (line 1):
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Mail documents to be recorded with required Cover Sheet(s) information to:
Commissioner of Patents and Trademarks, Box 302, Washington, D.C. 20231

PATENT
REEL: 011096 FRAME: 0274
**Correspondent Name and Address**

| Name | Brobeck. Phleger & Harrison, LLP |
| Address (line 1) | 12390 El Camino Real |
| Address (line 2) | San Diego, California 92130-2081 |
| Address (line 3) | |
| Address (line 4) | |

**Pages**
Enter the total number of pages of the attached conveyance document including any attachments. # 5

**Application Number(s) or Patent Number(s)**

<table>
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<th>Patent Application Number(s)</th>
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Mark if additional numbers attached. Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

**Patent Cooperation Treaty (PCT)**
Enter PCT application number only if a U.S. Application Number has not been assigned

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**Number of Properties**
Enter the total number of properties involved. # 1

**Fee Amount**
Fee Amount for Properties Listed (37 CFR 3.41): $ 40.00

**Method of Payment:**
Deposit Account ✗ Enclosed ❑ Deposit Account ❑
(Enter for payment by deposit account or if additional fees can be charged to the account.)

**Deposit Account Number:** # 50-1273

**Authorization to charge additional fees:** Yes ❑ No ✗

**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. Charges to deposit account are authorized, as indicated herein.

Richard Pagliery
Name of Person Signing

Signature

September 8, 2000
Date
ASSIGNMENT

For valuable consideration, we, Mark D. Erion of Del Mar, California and a citizen of the United States of America and K. Raja Reddy of San Diego, California and a citizen of India (hereinafter referred to as "Assignors") hereby assign to METABASIS THERAPEUTICS, INC., a corporation organized and existing under and by the virtue of the laws of the State of Delaware and having a place of business at 9390 Towne Center Drive, San Diego, California 92121, USA, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the invention and improvements which are the subject of United States Provisional Patent Application No. 60/153,128, filed September 8, 1999 entitled PRODRUGS FOR LIVER SPECIFIC DRUG DELIVERY, and related applications and patents, this assignment including said application, any and all United States and foreign patents granted for any of said inventions or improvements, including all divisions, continuations, reissues, continuations-in-part and extensions thereof, and the right to claim priority based on the filing date of said application and based on the filing date of any provisional application of which said application claims the benefit under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our names or in its own name for patents and like rights of exclusion and for inventor's certificates for said inventions and improvements; and we agree for ourselves and our heirs, legal representatives and assigns, without further compensation, upon request to perform such lawful acts, to promptly provide Assignee with all pertinent facts and documents relating to said invention or application as may be known and accessible to us, to testify in any interference or litigation related to said invention or application and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this Assignment.

The Assignors hereby covenant that no assignment, sale, agreement, or encumbrance has been or will be made or entered into which would conflict with this Agreement.

Page 1 of 3
WITNESS my hand at San Diego, CA, this 7 day of September, 2000.

MARK D. ERION

STATE OF California )
COUNTY OF San Diego ) ss

On Sept. 7, 2000 before me, Elisa Lynne Weston, Notary Public, personally appeared

MARK D. ERION

☐ personally known to me OR ☐ 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.

ELISA LYNN BENTON
Commission # 1244152
Notary Public - California
San Diego County

Notary Public in and for said County and State
WITNESS my hand at San Diego, CA,
this 7th day of September, 2000.

K. RAJA REDDY

STATE OF California )
San Diego ) ss
COUNTY OF _____________ )

On Sept. 7, 2000 before me, Elisa Lynne Weston, Notary Public personally appeared
K. RAJA REDDY

☑ personally known to me OR ☐ 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.

Notary Public in and for said County and State

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