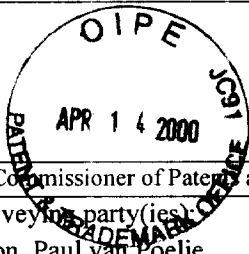


04-21-2000

RECORDAT  
PAT

101328838

Docket No. 244/008

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

1. Name of conveying party(ies):  
Mark D. Erion, Paul van Poelje  
Additional name(s) of conveying party(ies) attached?  
☐ Yes ☒ No

2. Name and address of receiving party:

Name: Metabasis Therapeutics, Inc.Street Address 9390 Towne Centre DriveCity: San DiegoState: CAZip: 92121Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

Execution Date: April 7, 2000

4. Application number(s) or patent number(s): 09/470,649

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):

Additional numbers attached? ☐ Yes ☒ No

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

Name: Jessica R. WolffInternal Address: Brobeck, Phleger & Harrison LLP  
12390 El Camino Real  
San Diego, CA 92130-20816. Total number of applications and patents involved: 1

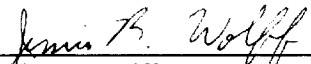
7. Total fee (37 CFR 3.41): \$ 40.00

☐ Enclosed☒ Charge this Deposit Account if any additional fee is required8. Deposit Account Number: 50-1273

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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.

  
Jessica R. Wolff, Reg No. 37,261Date: 4/10/00Total number of pages including cover sheet: 4

OMB No. 0651-0011 (exp. 4/94)

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## ASSIGNMENT

For valuable consideration, we, **MARK D. ERION** of 13455 Mango Drive, Del Mar, California 92014 and a citizen of the U.S.A. and **PAUL van POELJE** of 6483 Dowling Drive, La Jolla, California 92037 and a citizen of the Netherlands. (hereinafter referred to as "Assignors") hereby assign to **METABASIS THERAPEUTICS, INC.**, a corporation organized and existing under and by virtue of the laws of the State of Delaware and having its principal place of business at 9390 Towne Centre Drive, San Diego, California 92121, and its successors and assigns (collectively hereinafter called "the Assignees"), the entire right, title and interest throughout the world in the invention and improvements which are the subject of an application for United States Patent filed December 22, 1999, U.S. Serial No. 09/470,649 and related applications and patents, entitled **A COMBINATION OF FBPAASE INHIBITORS AND INSULIN SENSITIZERS FOR THE TREATMENT OF DIABETES**, 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.

WITNESS my hand at San Diego, CA,  
this 7 day of April, 2000.

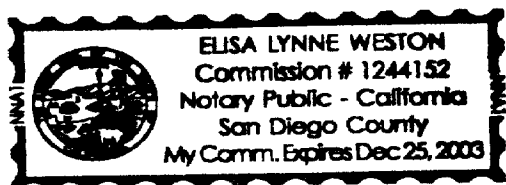
  
MARK D. ERION

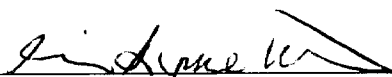
STATE OF California )  
 ) ss  
COUNTY OF SAN DIEGO )

On April 7, 2000 before me, Elisa Lynne Weston, Notary, <sup>Public</sup> personally appeared  
MARK D. ERION

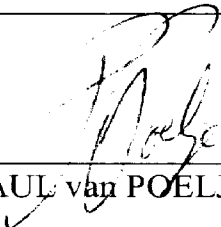
☒ personally known to me --OR-- ☐ ~~proved to me on the basis of satisfactory evidence~~  
to be the person~~s~~ whose name~~s~~ ~~is~~~~are~~ subscribed to the within instrument and acknowledged  
to me that ~~he~~~~she~~~~they~~ executed the same in ~~his~~~~her~~~~their~~ authorized capacity~~(ies)~~, 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.



  
Notary Public in and for said County and State

WITNESS my hand at San Diego, CA,  
this 7 day of April, 2000.

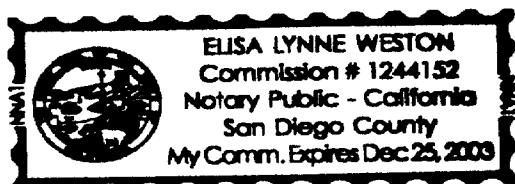
  
\_\_\_\_\_  
PAUL van POELJE

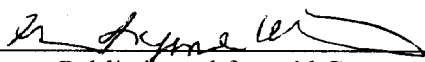
STATE OF California )  
 ) ss  
COUNTY OF SAN DIEGO )

On April 7, 2000 before me, Elisa Lynne Weston, Notary Public, personally appeared  
PAUL van POELJE

☒ 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