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il documents or copy thereof.

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To the Honorable Commissioner of Patents and

1. Name of conveying party(ies):

David A. HORWITZ

Additional name(s) of conveying party(ies) attached?

Yes No

3. Nature of Conveyance:

Assignment Merger
 Security Agreement Change of Name

Execution Date: September 18, 2000

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

Internal Address: University of Southern California

Street Address: University Park

City: Los Angeles

State: CA

Zip: 90089

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): 09/564,436

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Robin M. Silva

Internal Address: FLEHR HOHBACH TEST
ALBRITTON & HERBERT LLP

Street Address: SUITE 3400

FOUR EMBARCADERO CENTER

City: SAN FRANCISCO

State: CA

Zip: 94111-4187

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

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

Enclosed

Authorized to be charged to deposit account

8. Deposit account number: **06-1300**

Please debit any underpayment or credit any overpayment to the above deposit account.

Our Order No. A-67279-3/RFT/RMS/RMK
(Attach duplicate of this page if paying by deposit account)

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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.

Robin M. Silva
Name of Person Signing

David C. Foster *Reg. No. 44,685*
Signature

October 13, 2000
Date

Total number of pages including cover sheet, attachments and document: [3]

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Washington, DC 20231

File No. A-67279-3/RFT/RMS/RMK

Rev. 8/93

ASSIGNMENT

(not accompany application)

WHEREAS, the undersigned, David A. Horwitz hereinafter termed "Inventor"), a resident of 566 Latimer Road, Santa Monica, 90402, County of Los Angeles, State of California, has invented certain new and useful improvements in USE OF CYTOKINES AND MITOGENS TO INHIBIT PATHOLOGICAL IMMUNE RESPONSES and has executed concurrently herewith an application for a United States patent having Serial No. 09/564,436 and filing date of May 4, 2000, disclosing and identifying the invention; and

WHEREAS, University of Southern California (hereinafter termed "Assignee"), a corporation of the State of California, having a place of business at University Park, Los Angeles, 90089, State of California, is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered by said Inventor (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventor to have been received in full from said Assignee:

1. Said Inventor does hereby sell, assign, transfer and convey unto said Assignee, the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.

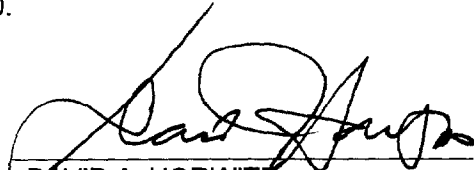
2. Said Inventor hereby covenants and agrees to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventor shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings,

priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventor in providing such cooperation shall be paid for by said Assignee.

3. The terms, covenants, and conditions of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventor, his heirs, legal representatives and assigns.

4. Said Inventor hereby warrants and represents that he has not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Inventor has executed and delivered this instrument to said Assignee this 18 day of September, 2000.



DAVID A. HORWITZ

County of Los Angeles)
State of California) ss.
)

On this 18th day of September, in the year 2000, before me, OLIVIA I. MONTES Notary Public of the State of California, personally appeared DAVID A. HORWITZ, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature Olivia I. Montes (Seal)

