

*NY File*

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June 12, 1995

Our Ref.: 7627-002

Mr. Luis R. Mejia  
Licensing Associate  
Office of Technology Licensing  
Stanford University  
857 Serra Street, 2nd Floor  
Stanford, CA 94305

Re: U.S.S.N. 07/883,327  
Filed: May 14, 1992  
By: Kozal et al.  
For: POLYMERASE CHAIN REACTION ASSAYS FOR MONITORING  
ANTIVIRAL THERAPY AND MAKING THERAPEUTIC DECISIONS IN  
THE TREATMENT OF ACQUIRED IMMUNODEFICIENCY SYNDROME  
Our Ref: 7627-002-999

Dear Mr. Mejia:

Enclosed herewith for your files is a copy of the Assignment which was filed with the United States Patent and Trademark Office on June 9, 1995 in the above-referenced application.

Please feel free to call with any questions.

Very truly yours,



Debra J. Glaister  
Patent Agent

Enclosures

c: Laura A. Coruzzi, Esq. (w/enc)  
Deborah J. Barnett, Esq. (w/enc)

**PENNIE 000125**  
CONFIDENTIAL ATTORNEYS'  
EYES ONLY

NY  
**FILE COPY**

Express Mail No. TB 666 913 291 US First Class Mail ( )  
Date Mailed June 9, 1995  
Ser. No. 07/883,327 Filed May 14, 1992

Inventor Kozal et al  
For POLYMERASE CHAIN REACTION ASSAYS FOR MONITORING ANTIVIRAL  
THERAPY AND MAKING THERAPEUTIC DECISION IN THE TREATMENT OF  
ACQUIRED IMMUNODEFICIENCY SYNDROME

- |  |   |
|--|---|
| <input type="checkbox"/> Affidavit/Declaration           | <input type="checkbox"/> Fee Address Indication Form        |
| <input type="checkbox"/> Amendment                       | <input type="checkbox"/> Fee Calculation                    |
| <input type="checkbox"/> Application <u>      </u> pages | <input type="checkbox"/> Issue Fee Transmittal              |
| <u>      </u> Claims <u>      </u> Drawings              | <input type="checkbox"/> Letter                             |
| <input type="checkbox"/> Appeal, Notice of               | <input type="checkbox"/> Oral Hearing Req./Confirm.         |
| <input checked="" type="checkbox"/> Assignment           | <input type="checkbox"/> Petition to Extend Time            |
| <input type="checkbox"/> Brief (in triplicate)           | <input type="checkbox"/> Pet. under 37 C.F.R. <u>      </u> |
| <input type="checkbox"/> Declaration & Power of Attorney | <input type="checkbox"/> Power of Attorney                  |
| <input type="checkbox"/> Design Application              | <u>      </u> Associate <u>      </u> w/Revocation          |
| <input type="checkbox"/> Disclaimer                      | <input type="checkbox"/> Sequence Listing w/Computer        |
| <input type="checkbox"/> Disclosure Statement            | Readable and Paper Copies                                   |
| <input type="checkbox"/> w/refs. ( ) w/o refs.           | <input type="checkbox"/> Small Entity Statement             |
| <input type="checkbox"/> Drawings, Formal                | <input type="checkbox"/> Status Letter                      |
| <u>      </u> Sheets <u>      </u> Figures               | <input type="checkbox"/> Transmittal Letter                 |

Other: Assignment Recordation Form Cover Sheet (original + copy)  
Postcard: Express Mail Certificate  
File No. 7627-002 Sender LAC/DJB/DZG/pds

RECORDATION FORM COVER SHEET  
PATENTS ONLY

Attorney Docket Number  
**7627-002**

TO THE HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS  
Box Assignments  
Washington, DC 20231

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): <b>Michael J. Kozal, Thomas C. Merigan, Mark Holodniy, and David A. Katzenstein</b> Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2. Name and address of receiving party(ies): Name: <b>Leland Stanford Junior University</b> Address: <b>900 Welch Road, Suite 350 Palo Alto, CA 94304-1850</b> Country (if other than USA): _____	
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____		Execution Date: <b>Thomas C. Merigan on March 1, 1995; David A. Katzenstein on March 2, 1995; Michael J. Kozal on March 3, 1995; and Mark Holodniy on May 4, 1995.</b>	
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>07/883,327</b>   B. Patent No.(s) _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Name and address of party to whom correspondence concerning document should be mailed:  <b>PENNIE &amp; EDMONDS</b> 1155 Avenue of the Americas New York, NY 10036		6. Number of applications and patents involved: <b>1</b> 7. Total fee (37 CFR 3.41):.....\$ <b>40.00</b> Please charge the required fee to the deposit account listed in Section 8. 8. Deposit account number: <b>16-1150</b> (A copy of this page is attached)	
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.			
<b>S. Leslie Misrock 18,872</b> Name of Person Signing Reg. No.		Signature: <i>S. Leslie Misrock</i> Date: <b>June 9, 1995</b> Total number of pages including cover sheet: <b>3</b>	

Mail documents to be recorded with required cover sheet information to:  
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Washington, D.C. 20231

EXPRESS MAIL CERTIFICATION

\*Express Mail\* label No. **TB 666 913 291 US** Date of Deposit **June 9, 1995**  
 I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Alvin Foster  
 (Type or print name of person mailing paper or fee)  
*Alvin Foster*  
 (Signature of person mailing paper or fee)

PENNIE 000127

JOINT

ASSIGNMENT

WHEREAS, WE, Michael J. Kozal, Thomas C. Merigan, Mark Holodniy, and David A. Katzenstein, ASSIGNORS, citizens of United States of America, residing at 912 Fremont Place, #2, Menlo Park, California 94025; 148 Goya Road, Portola Valley, California 94028; 671 Midrock Corners, Mountain View, California 94043; and 435 San Mateo Drive, Menlo Park, California 94025, respectively, are the inventors of the invention in POLYMERASE CHAIN REACTION ASSAYS FOR MONITORING ANTIVIRAL THERAPY AND MAKING THERAPEUTIC DECISIONS IN THE TREATMENT OF ACQUIRED IMMUNODEFICIENCY SYNDROME for which we have executed an application for a Patent of the United States

which is executed on  even date herewith or  \_\_\_\_\_ (date)

which is identified by Pennie & Edmonds docket no. 7627-002  
 which was filed on May 14, 1992, Serial No. 07/883,327

and WHEREAS, Leland Stanford Junior University, having offices at 900 Welch Road, Suite 350, Palo Alto, California, 94304-1850, ASSIGNEE is desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application:

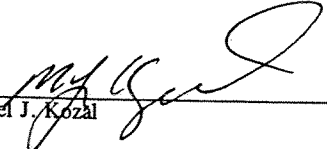
NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

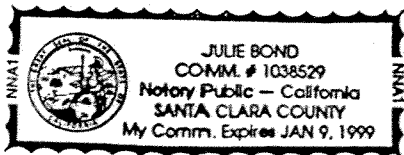
AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.

Date 3/3, 199~~7~~<sup>5</sup>  \_\_\_\_\_ L.S.  
Michael J. Kozal

State of California )  
County of SANTA CLARA ) SS.:

On March 3, 1995, before me the undersigned, a Notary Public for the State of California, personally appeared Michael J. Kozal, 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 executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.



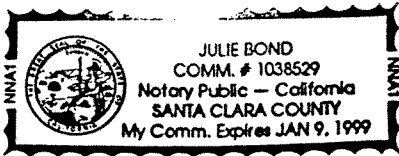
 \_\_\_\_\_  
Notary Public.

PENNIE 000128

Date 3/1, <sup>1995</sup> 1993 Thomas C. Merigan L.S.,  
*Thomas C. Merigan*

State of California )  
County of SANTA CLARA ) SS.:

On March 1, 1995, before me the undersigned, a Notary Public for the State of California, personally appeared Thomas C. Merigan, 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 executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.



Julie Bond  
Notary Public.

Date May 4, 1995 Mark Holodniy L.S.,  
*Mark Holodniy*

State of California )  
County of SANTA CLARA ) SS.:

On May 4, 1995, before me the undersigned, a Notary Public for the State of California, personally appeared Mark Holodniy, 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 executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

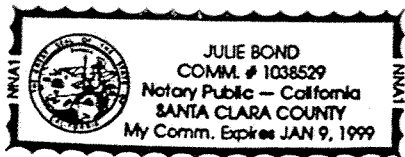


Julie Bond  
Notary Public.

Date March 2, 1995 David A. Katzenstein L.S.,  
*David A. Katzenstein*

State of California )  
County of SANTA CLARA ) SS.:

On March 2, 1995, before me the undersigned, a Notary Public for the State of California, personally appeared David A. Katzenstein, 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 executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.



Julie Bond  
Notary Public.