

07-12-2000

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FORM PTO-1594

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U.S. Department of Commerce  
Patent and Trademark Office

1-31-92

101400431

Original documents or copy thereof:

To the Honorable Commissioner of

1. Name and address of conveying party(ies):

Name: Noriyuki Kasahara  
Address: \_\_\_\_\_

Name: Collin Higo  
Address: \_\_\_\_\_

Name: Harris Soifer  
Address: \_\_\_\_\_

Name: Kohnosuke Mitani  
Address: \_\_\_\_\_

Individual(s)       Association  
 General Partnership       Limited Partnership  
 Corporation, State of \_\_\_\_\_

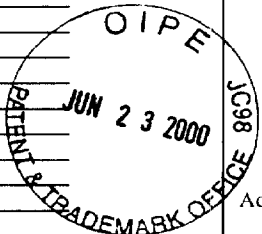
Additional name(s) of conveying party(ies) attached?  
 Yes       No

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

Name: University of Southern California  
Address: 3716 South Hope St., Suite 313  
Los Angeles, CA 90007-4344

Individual(s)       Association  
 General Partnership       Limited Partnership  
 Corporation, State of \_\_\_\_\_  
 Other: University of State of California

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



3. Nature of Conveyance:

Assignment       Merger  
 Security Agreement       Change of Name  
 Other: \_\_\_\_\_

Execution Date: June 8, 20, 2000

4. Application Number(s) or Patent Number(s):

A. Patent Application Number(s): 09/484,901

Title: HYBRID VECTORS FOR GENE THERAPY

Filed: 01/18/00

Additional numbers attached?  Yes       No

B. Patent Number(s):

Title: \_\_\_\_\_  
Filed: \_\_\_\_\_

Additional numbers attached?  Yes       No

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

Name: Rajiv Yadav

Address: McCutchen, Doyle, Brown & Enersen, LLP  
Three Embarcadero Center  
San Francisco, CA 94111

Attorney Docket No. 13761-740-00-US

6. Total number of applications and patents involved: 1

7. Total fee enclosed: -0-

Authorized to be charged to deposit account.  
 The Commissioner is authorized to charge any fees or credit any overpayment to deposit Account Number 50-1192.

8. Deposit Account Number: 50-1192

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.

Rajiv Yadav, Esq.      [Signature]      June 21, 2000  
Reg. Number: 43,999      Signature      Date

Total number of pages including cover sheet, attachments and document: 4

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks  
Box: Assignments  
Washington, D.C. 20231

**PATENT APPLICATION**  
**Assignment**

For good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned, co-inventors:

Noriyuki Kasahara  
Collin Higo  
Harris Soifer  
Kohnosuke Mitani

who have created a certain invention for which an application for United States Letters Patent entitled **HYBRID VECTORS FOR GENE THERAPY** was filed in the U.S. Patent and Trademark Office on January 18, 2000, and assigned Serial Number 09/484,901.

Do hereby sell, assign and transfer to the University of Southern California, a non-profit corporation, having a place of business at 3716 South Hope Street, Suite 313, Los Angeles, California 90007-4344, its successors, assigns, and legal representatives, the full and exclusive right to said invention and said application and to any and all inventions described in said invention and said application for the United States, its territorial possessions and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States, its territorial possessions and all foreign countries; and, to the extent required by obligations arising under our respective employment contracts with the University of Southern California, or pursuant to all applicable University policies, in and to any and all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, and all other applications for Letters Patent relating thereto which have been or shall be filed in the United States, its territorial possession and/or any foreign countries, and all rights, together with all priority rights, under any of the international conventions, unions, agreements, act, and treaties, including all future conventions, unions, agreements, acts, and treaties;


Agree that the University of Southern California, hereinafter referred to as Assignee, may apply for and receive Letters Patent for said invention and said inventions, hereinafter referred to as said invention, in its own name, in the United States, its territorial possessions, and all foreign countries; and that, when requested to carry out in good faith the intent and purpose of this assignment, at the expense of said Assignee, its successors, assigns and legal representatives, the undersigned will, to the extent required by obligations arising under our respective employment contracts with the University of Southern California, or pursuant to all applicable University policies, execute all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, execute all rightful oaths, assignments, powers of attorney and other papers, testify in any legal or quasi legal proceedings; communicate to said Assignee, its successors, assigns or legal representatives all facts known to the undersigned relating to said invention and the history thereof; and generally do everything possible which said Assignee, its successors, assigns, or legal representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said invention and for vesting title to said invention and all

applications for patents on said invention in said Assignee, successors, assigns, or legal representatives; and

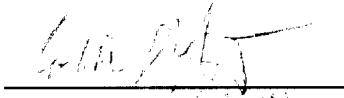
Covenant with said Assignee, its successors, assigns, or legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same has herein expressed is possessed by the undersigned.

IN THE TESTIMONY WHEREOF we have hereunto set my signature on the date indicated below.

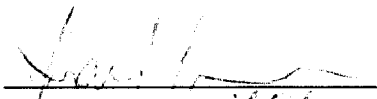
Noriyuki Kasahara

  
Date: 6/8/00

Collin Higo

  
Date: 6/8/00

Harris Soifer

  
Date: 6/8/00

Kohnosuke Mitani

\_\_\_\_\_  
Date: \_\_\_\_\_

applications for patents on said invention in said Assignee, successors, assigns, or legal representatives; and

Covenant with said Assignee, its successors, assigns, or legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same has herein expressed is possessed by the undersigned.

IN THE TESTIMONY WHEREOF we have hereunto set my signature on the date indicated below.

Noriyuki Kasahara

Date: \_\_\_\_\_

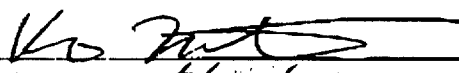
Collin Higo

Date: \_\_\_\_\_

Harris Soifer

Date: \_\_\_\_\_

Kohmosuke Mitani

  
Date: 6/20/00