

08-23-2000

FORM PTO-1595



U.S. DEPARTMENT OF COMMERCE
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Attorney Docket No. B99-002-2

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

1. Name of conveying party(ies):

Myeong-Je CHO, Greg DEL VAL, Maxime CAILLAU,
Peggy G. LEMAUX and Bob B. BUCHANAN

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

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name

Other: _____

Execution Date: July 19, 2000

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

Name: The Regents of the University of California

Address: 1111 Franklin St., 12th Floor

Oakland CA 94607-5200

Additional name(s) & address(es) attached? Yes No

4. Application number(s) or patent number(s): 09/540-014, filed on March 31, 2000

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

09/540-014, filed on March 31, 2000

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Richard Aron Osman, Ph.D.

Address: Science & Technology Law Group

75 Denise Drive

Hillsborough, CA 94010

6. Total number of applications and patents involved: 1

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

Enclosed

Authorized to be charged to deposit account, if necessary

8. Deposit account number:

19-0750

(Attach duplicate copy 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.

Rebecca Graff
Name of Person Signing

[Signature]
Signature

July 21, 2000
Date

Total number of pages including cover sheet: 2

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Mail documents to be recorded with required cover sheet information to:

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Box Assignment
U.S. Patent and Trademark Office
Office of Public Records, Crystal Gateway 4, Room 335
Washington, DC 20231

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PATENT
REEL: 011009 FRAME: 0658

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

1. Myeong-Je Cho 2. Greg Del Val 3. Maxime Caillau 4. Peggy G. Lemaux 5. Bob B. Buchanan

hereby sells, assigns and transfers to ASSIGNEE, The Regents of the University of California, a California Corporation, having its statewide administrative offices located at 1111 Franklin Street, 12th Floor, Oakland, CA 94607-5200, and the successors, assigns and legal representatives of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, and any and all improvements which are disclosed in UCB case No. B99-002-2, entitled: *Barley Gene for Thioredoxin and NADP-Thioredoxin Reductase*, or which is found in U.S. application serial no.: 09/540,014, filed on March 31, 2000

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(a) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

ASSIGNOR(S) hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR(S) further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said Invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

AND the ASSIGNOR(S) requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, The Regents of the University of California.

executed this

Signature of Assignor(s)

19th day of July, 2000

Myeong-Je Cho
Myeong-Je Cho

19th day of July, 2000

G. del Val
Greg Del Val

19th day of July, 2000

Maxime Caillau
Maxime Caillau

19th day of July, 2000

Peggy G. Lemaux
Peggy G. Lemaux

19th day of July, 2000

Bob B. Buchanan
Bob B. Buchanan

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Cho et al.

Serial No. 08/540,014

Filed: March 31, 2000

For: *Barley Gene for Thioredoxin and NADP-Thioredoxin Reductase*

Group Art Unit: 1649

Examiner: Not yet assigned

Attorney Docket No. B99-002-2

CERTIFICATE OF MAILING

I hereby certify that this corre is being deposited with the US Postal Service as First Class Mail in an envelope addressed to the Comm for Patents, Washington, D.C. 20231 on July 21, 2000.

Signed _____

Richard Osman

TRANSMITTAL

Box Assignment
The Commissioner for Patents
Washington, D.C. 20231

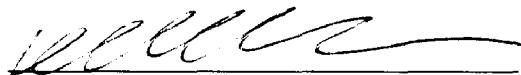
Dear Commissioner:

Please record the attached Assignment and cover sheet for this application.

Thank you.

The Commissioner is authorized to charge any other fees or credit any overpayments associated with this communication to our Deposit Account No. 19-0750 (order no.B99-002-2).

Respectfully submitted,
SCIENCE & TECHNOLOGY LAW GROUP



Richard Aron Osman, Ph.D., Reg. No. 36,627
Tel:(650) 343-4341; Fax: (650) 343-4342