

10-22-2001

Client Code: SALKINS.005A



EET

10-22-01

101881325

10-22-01

TO THE ASSISTANT COMMISSIONER FOR PATENTS: Please record the attached original documents or copy thereof.

1. Name of conveying party:

John Cashman

Additional name(s) of conveying party attached?

() Yes (X) No

2. Name and address of receiving party:

Name: Human Biomolecular Research Institute

Internal Address:

Street Address: 5310 Eastgate Mall

City: San Diego State: California ZIP: 92121

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

() Yes (X) No

3. Nature of conveyance:

- Assignment
- Merger
- Security Agreement
- Change of Name
- Other:

Execution Date: September 27, 2001

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

() Application(s) filed herewith Execution Date(s):

Patent Application No.: 09/715,834

Filing Date: November 16, 2000

() Patent No.:

Issue Date:

Additional numbers attached? () Yes (X) No

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

Name: Michael L. Fuller
KNOBBE, MARTENS, OLSON & BEAR, LLP
Customer No. 20,995

Internal Address: Sixteenth Floor
Street Address: 620 Newport Center Drive
City: Newport Beach State: CA ZIP: 92660
Attorney's Docket No.: SALKINS.005A

7. Total fee (37 CFR 1.21(h)): \$40

- Enclosed
- Authorized to be charged to deposit account if any additional fees are required, or to credit any overpayment

8. Deposit account number: 11-1410

Please charge this account for any additional fees which may be required, or credit any overpayment to this account.

6. Total number of applications and patents involved: One

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.

Michael L. Fuller
Name of Person Signing

Signature

10/19/2001
Date

36,516
Registration No.

Total number of pages including cover sheet, attachments and document: 2

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

10/23/2001 BTOM11 00000061 09715834
01 FC:581 40.00 DP

U.S. Patent and Trademark Office
Attn: Assignment Division
Crystal Gateway-4
1213 Jefferson Davis Highway, Suite 320
Arlington, VA 22202

S:\DOCS\MLF\MLF-5734.DOC
101801

PATENT
REEL: 012257 FRAME: 0482

ASSIGNMENT

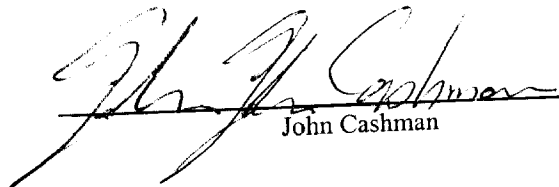
WHEREAS, I, John Cashman, residing at 11171 Corte Cangrejo, San Diego, CA 92130 have invented certain new and useful improvements in a EXPRESSION OF FLAVIN-CONTAINING MONOOXYGENASES IN PLANTS for which I have filed an application for Letters Patent in the United States, Application No. 09/715,834 filed on November 16, 2000;

AND WHEREAS, Human Biomolecular Research Institute (hereinafter "ASSIGNEE"), located at 5310 Eastgate Mall, San Diego, CA 92121, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, one of the said inventors, do hereby acknowledge that I 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 throughout the world in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and I hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I HEREBY covenant and agree that I will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue 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 patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 27th day of September, 2001

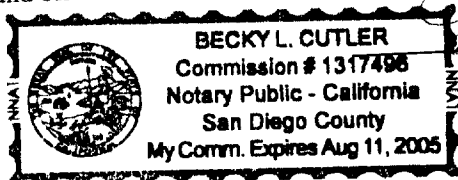

John Cashman


STATE OF CA }
COUNTY OF San Diego } ss.

On Sept 27, 2001, before me, Becky L. Cutler, personally appeared Yunde Zhao 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 executed the same in his authorized capacity(ies), and that by his 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.

[SEAL]




Notary Signature

S:\DOCS\MLF\MLF-4747.DOC
032201