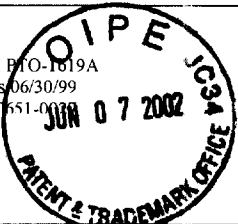


06-12-2002

FORM PTO-1019A
Expires 06/30/99
OMB 0651-0027

102119179

U.S. Department of Commerce
Patent and Trademark Office
PATENT**RECORDATION FORM COVER SHEET
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- ☒ New **6-17-02**
- ☐ Resubmission (Non-Recordation)
- Document ID #
- Correction of PTO Error
- ☐ Reel # Frame #
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- ☐ Reel # Frame #

Conveyance Type

- ☒ Assignment ☐ Security Agreement
- ☐ License ☐ Change of Name
- ☐ Merger ☐ Other

U.S. Government

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- ☐ Departmental File ☐ Secret File

Conveying Party(ies)

- ☐ Mark if additional names of conveying parties attached

Name (line 1) Kayatoon Dehesh

Execution Date

Month	Day	Year
06	04	2002

Name (line 2)

Second Party

Name (line 1) Byron Froman

Execution Date

Month	Day	Year
06	03	2002

Name (line 2)

Receiving Party

- ☐ Mark if additional names of receiving parties attached

Name (line 1) Calgene LLC

Name (line 2)

Address (line 1) 1920 Fifth Street

Address (line 2)

Address (line 3) Davis

California

95616

City

State/Country

Zip Code

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name David R. Marsh

Address (line 1) Attn: IP Docketing, Room 1126B

Address (line 2) Arnold & Porter

Address (line 3) 555 Twelfth Street, N.W.

Address (line 4) Washington, D.C. 20004-1206

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Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

PATENT
REEL: 012963 FRAME: 0269

Correspondent Name and Address

Area Code and Telephone Number

202-942-5000

Name David R. Marsh

Address (line 1) Attn: IP Docketing Room 1126B

Address (line 2) Arnold & Porter

Address (line 3) 555 Twelfth Street, N.W.

Address (line 4) Washington, D.C. 20004

Pages

Enter the total number of pages of the attached conveyance document including any attachments

4

Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached.

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

09/591,095

Patent Number(s)

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number as not been assigned.

PCT

PCT

PCT

PCT

PCT

PCT

Number of Properties

Enter the total number of properties involved.

1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41):

\$ \$40.00

Method of Payment:

Enclosed ☒

Deposit Account ☐

Deposit Account

Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

50-1824

Authorization to charge additional fees:

Yes ☒

No ☐

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. Charges to deposit account are authorized, as indicated herein.

David R. Marsh/Andrew S. Brenc

Name of Person Signing

Signature

June 7, 2002

Date

ASSIGNMENT

WHEREAS, I/WE, the undersigned, have made certain invention or inventions which are disclosed in patent application(s) and/or provisional patent application(s) entitled:

NUCLEIC ACID SEQUENCES ENCODING PROTEINS INVOLVED IN FATTY ACID BETA-OXIDATION AND METHODS OF USE

filed as U.S. Patent Application No. 09/591,095 filed June 8, 2000, and also filed as PCT US/00/10491 having an international filing date of June 8, 2000.

WHEREAS, **Calgene LLC**, of Davis, California, a Corporation of the State of Delaware, is desirous of acquiring the entire right, title and interest in and to said invention or inventions and any and all patents to be obtained therefor;

NOW, THEREFORE, FOR GOOD AND VALUABLE CONSIDERATION, the receipt of which is hereby acknowledged, I/WE do hereby sell, assign and transfer to said Calgene LLC, its successors and assigns, the entire right, title and interest in and to said invention or inventions, in any form or embodiment thereof, and in and to said application(s); and in and to any and all applications filed in any country based thereon, including the right to file applications in countries other than the country of priority filing under the provisions of any international convention; also in and to any and all improvements on said invention or inventions now or hereafter made by me/us as employee(s), agent(s) or contractor(s) of said Calgene LLC; also the entire right, title and interest in and to any and all patents, including reissues and extensions thereof, to be obtained in any country upon said invention; inventions or improvements, and any and all continuing applications, including divisional, continuation and continuation-in-part applications, substitute applications, and applications claiming benefit of an earlier filed provisional application, which may be filed upon said invention, inventions or improvements in any country; and

I/WE hereby authorize and request the issuing authority to issue any and all patents on said application or applications to said Calgene LLC, as assignee of the entire interest.

I/WE further agree, without any payment by Calgene LLC other than in reimbursement of reasonable expenses I/we may incur, to communicate to said Calgene LLC, its representatives or agents, any facts relating to said invention, inventions or improvements, including evidence for purposes of interference, opposition or other legal proceedings, whenever requested; testify in any interference, opposition or other legal proceedings, whenever requested; and execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective.

IN TESTIMONY WHEREOF, I/We have executed this assignment on the date set after my signature.

Signature: K. Dehesh

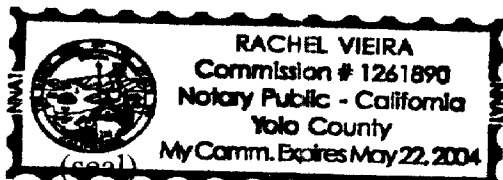
Date: 6.04.02

Name: Kayatoon Dehesh

City and state or country of residence: Vacaville, California

State of California)
County of Yolo) ss.

On this 4th day of June, 2002, before me personally appeared Katayoon Dehesh, known to me to be the person(s) who executed the foregoing instrument and acknowledged that she executed the same as his free act and deed; in testimony whereof I have hereto set my hand and official seal on the day last above written.



Rachel Vieira
Notary Public or Consular Officer

My Commission expires May 22, 2004

ASSIGNMENT

WHEREAS, I/WE, the undersigned, have made certain invention or inventions which are disclosed in patent application(s) and/or provisional patent application(s) entitled:

**NUCLEIC ACID SEQUENCES ENCODING PROTEINS INVOLVED IN FATTY
ACID BETA-OXIDATION AND METHODS OF USE**

filed as U.S. Patent Application No. 09/591,095 filed June 8, 2000, and also filed as PCT US/00/16491 having an international filing date of June 8, 2000.

WHEREAS, **Calgene LLC**, of Davis, California, a Corporation of the State of Delaware, is desirous of acquiring the entire right, title and interest in and to said invention or inventions and any and all patents to be obtained therefor;

NOW, THEREFORE, FOR GOOD AND VALUABLE CONSIDERATION, the receipt of which is hereby acknowledged, I/WE do hereby sell, assign and transfer to said Calgene LLC, its successors and assigns, the entire right, title and interest in and to said invention or inventions, in any form or embodiment thereof, and in and to said application(s); and in and to any and all applications filed in any country based thereon, including the right to file applications in countries other than the country of priority filing under the provisions of any international convention; also in and to any and all improvements on said invention or inventions now or hereafter made by me/us as employee(s), agent(s) or contractor(s) of said Calgene LLC; also the entire right, title and interest in and to any and all patents, including reissues and extensions thereof, to be obtained in any country upon said invention; inventions or improvements, and any and all continuing applications, including divisional, continuation and continuation-in-part applications, substitute applications, and applications claiming benefit of an earlier filed provisional application, which may be filed upon said invention, inventions or improvements in any country; and

I/WE hereby authorize and request the issuing authority to issue any and all patents on said application or applications to said Calgene LLC, as assignee of the entire interest.

I/WE further agree, without any payment by Calgene LLC other than in reimbursement of reasonable expenses I/we may incur, to communicate to said Calgene LLC, its representatives or agents, any facts relating to said invention, inventions or improvements, including evidence for purposes of interference, opposition or other legal proceedings, whenever requested; testify in any interference, opposition or other legal proceedings, whenever requested; and execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective.

IN TESTIMONY WHEREOF, I/We have executed this assignment on the date set after my signature.

Signature: Byron Froman

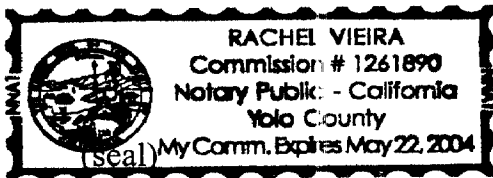
Date: 6/3/02

Name: Byron Froman

City and state or country of residence: Davis, California

State of California)
County of Yolo) ss.

On this 3rd day of June, 2002, before me personally appeared Byron Froman, known to me to be the person ~~(s)~~ who executed the foregoing instrument and acknowledged that he executed the same as his free act and deed; in testimony whereof I have hereto set my hand and official seal on the day last above written.



Rachel Vieira
Notary Public or Consular Officer

My Commission expires May 22, 2004