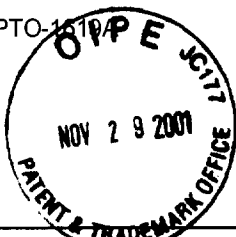


02-15-2002

U.S. Department of Commerce
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FORM PTO-1019



RE



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N1422-005

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- ☐ License ☐ Change of Name
- ☐ Merger ☐ Other _____

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- ☐ Document File ☐ Secret File

Conveying Party(ies)

Name (line 1) CHAPPLE, Clinton C.S.
Name (line 2)

- ☒ Mark if additional names of conveying parties attached
Execution Date
10/24/2001

Second Party

Name (line 1) FRANKE, Rochus
Name (line 2)

Execution Date
11/04/2001

Receiving Party

Name (line 1) Purdue Research Foundation
Name (line 2) Indiana corporation
Address (line 1) 1291 Cumberland Avenue
Address (line 2)
Address (line 3) West Lafayette, Indiana 47906

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- ☐ If document to be recorded
is an assignment and the
receiving party is not
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Domestic Representative Name and Address

Enter for the First Receiving Party only.

Name: Robert J. Jondle
Address (line 1): Rothwell, Figg, Ernst & Manbeck
Address (line 2): 555 13th St., N.W.
Address (line 3): Suite 701-East
Address (line 4): Washington, D.C. 20004

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Correspondent Name and Address

Area Code and Telephone Number: 202/783-6040

Name: Robert J. Jondle

Address (line 1): Rothwell, Figg, Ernst & Manbeck

Address (line 2): 555 13th St., N.W.

Address (line 3): Suite 701-East

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

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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):

Patent Number(s):

09/931,267

If this document is being filed together with a new Patent Application, enter the date of the patent application was signed by the first named executing inventor.**Patent Cooperation Treaty (PCT)**Enter PCT application Number
only if a U.S. Application Number
has not been assigned**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



Credit Card

Deposit Account

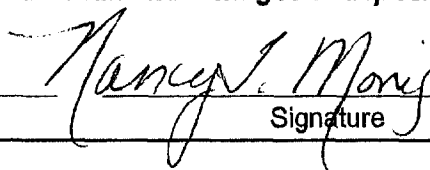
(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number: 02-2135

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.*

Nancy T. Morris, Reg. No. 42,017

Name of Person Signing



Signature

November 13, 2001

Date

**RECORDATION FORM COVER SHEET
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Conveying Party(ies)☐ Mark if additional names of conveying parties attached*Enter additional Conveying Parties*

Name (line 1) RUEGGER, Max O

Execution Date

Name (line 2)

10/25/2001

Name (line 1)

Execution Date

Name (line 2)

Name (line 1)

Execution Date

Name (line 2)

Receiving Party (ies)☐ Mark if additional names of conveying parties attached*Enter additional Receiving Party(ies)*

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is an assignment and the
receiving party is not
domiciled in the U.S.,
an appointment of domestic
representative is attached.

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

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☐ If document to be recorded
is an assignment and the
receiving party is not
domiciled in the U.S.,
an appointment of domestic
representative is attached.

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

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):

Patent Number(s):

ASSIGNMENT

WHEREAS, WE, CLINTON C.S. CHAPPLE, a citizen of Canada, residing at 2210 Robinhood Lane, West Lafayette, Indiana 47906; ROCHUS FRANKE, a citizen of Germany, residing at 218-13 Nimitez Drive, West Lafayette, Indiana 47906; and MAX O. RUEGGER, a citizen of the United States, residing at 7050 Central Avenue, Indianapolis, Indiana 46220, are the inventors of an invention in "GENES ENCODING P-COUMARATE 3-HYDROXYLASE (C3H) AND METHODS OF USE" for which we have executed an application for Letters Patent of the United States, having Application Serial Number 09/931,267, filed August 16, 2001; and

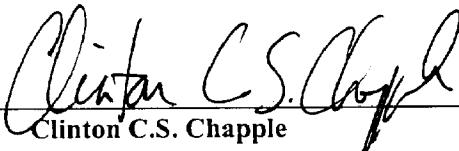
WHEREAS, PURDUE RESEARCH FOUNDATION, incorporated in the state of Indiana, with a place of business at 1291 Cumberland Avenue, West Lafayette, Indiana 47906 is desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application;

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 CLINTON C.S. CHAPPLE, ROCHUS FRANKE and MAX O. RUEGGER have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said PURDUE RESEARCH FOUNDATION, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said invention, 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 applications for Letters Patent which may hereafter be filed for said invention in any country or countries foreign to the United States, and all Letters Patent 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 all rights of priority in any such country or countries based upon the filing of the said application for Letters Patent of the United States which are created by any law, treaty or international convention; and we 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 invention to the said PURDUE RESEARCH FOUNDATION, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant 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 said PURDUE RESEARCH FOUNDATION, 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 and reissue applications, make all rightful oaths and generally do everything possible to aid the said PURDUE RESEARCH FOUNDATION, its successors, legal representatives and assigns, to obtain and enforce proper patent 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 10.24.01 2001 
Clinton C.S. Chapple

Date _____ 2001 _____
Rochus Franke

Date _____ 2001 _____
Max O. Ruegger

ASSIGNMENT

WHEREAS, WE, CLINTON C.S. CHAPPLE, a citizen of Canada, residing at 2210 Robinhood Lane, West Lafayette, Indiana 47906; ROCHUS FRANKE, a citizen of Germany, residing at 218-13 Nimitz Drive, West Lafayette, Indiana 47906; and MAX O. RUEGGER, a citizen of the United States, residing at 7050 Central Avenue, Indianapolis, Indiana 46220, are the inventors of an invention in "GENES ENCODING P-COUMARATE 3-HYDROXYLASE (C3H) AND METHODS OF USE" for which we have executed an application for Letters Patent of the United States, having Application Serial Number 09/931,267, filed August 16, 2001; and

WHEREAS, PURDUE RESEARCH FOUNDATION, incorporated in the state of Indiana, with a place of business at 1291 Cumberland Avenue, West Lafayette, Indiana 47906 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 CLINTON C.S. CHAPPLE, ROCHUS FRANKE and MAX O. RUEGGER have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said PURDUE RESEARCH FOUNDATION, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said invention, 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 applications for Letters Patent which may hereafter be filed for said invention in any country or countries foreign to the United States, and all Letters Patent 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 all rights of priority in any such country or countries based upon the filing of the said application for Letters Patent of the United States which are created by any law, treaty or international convention; and we 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 invention to the said PURDUE RESEARCH FOUNDATION, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

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

Date _____ 2001 _____
Clinton C.S. Chapple

Date November 04, _____ 2001 _____
Rochus Franke

Date _____ 2001 _____
Max O. Ruegger

ASSIGNMENT

WHEREAS, WE, CLINTON C.S. CHAPPLE, a citizen of Canada, residing at 2210 Robinhood Lane, West Lafayette, Indiana 47906; ROCHUS FRANKE, a citizen of Germany, residing at 218-13 Nimitz Drive, West Lafayette, Indiana 47906; and MAX O. RUEGGER, a citizen of the United States, residing at 7050 Central Avenue, Indianapolis, Indiana 46220, are the inventors of an invention in "GENES ENCODING P-COUMARATE 3-HYDROXYLASE (C3H) AND METHODS OF USE" for which we have executed an application for Letters Patent of the United States, having Application Serial Number 09/931,267, filed August 16, 2001; and

WHEREAS, PURDUE RESEARCH FOUNDATION, incorporated in the state of Indiana, with a place of business at 1291 Cumberland Avenue, West Lafayette, Indiana 47906 is desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application;

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

Date _____ 2001 _____
Clinton C.S. Chapple

Date _____ 2001 _____
Rochus Franke

Date October 25, 2001 2001 
Max O. Ruegger