

01-16-2003



102339784

Docket No. A-71457-2(463077)/RFT/RMS/RMK

FORM PTO 1595
(Rev. 6-93)
OMB No. 0651-0011 (exp. 4/94)

RECORDATION COVER SHEET PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

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

1. Name(s) of conveying party(ies):
Bipin K. Dalmia; Steven P. Briggs; Greg del Val; Peter
Heifetz and Peter Luginbuhl

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

3. Nature of conveyance:

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

Execution Date: 12/13/02; 11/04/02; 11/04/02;
10/31/02; 10/31/02.

2. Name and address of receiving party(ies)

Name: Syngenta Participations AG

Internal Address: _____

Street Address: Schwarzwaldallee 215
4058 Basel

Country: SWITZERLAND

Additional name(s) & address(es) attached ☐ Yes ☒ No

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

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

A. Patent Application No.(s) 10/141,531

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☐ No

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

Name: Robin M. Silva

Internal Address: DORSEY & WHITNEY LLP

Street Address: Four Embarcadero Center, Ste. 3400

City: San Francisco State: CA ZIP 94111-4187

6. Total Number of applications and patents involved:

7. Total fee (37 CFR 3.41). x \$40.

- ☒ Enclosed
☐ Authorized to be charged to deposit account

8. Deposit Account number: 50-2319

(Attach duplicate copy of this page if paying by deposit account)

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.

Renee M. Kossiak, Reg. No. 47,717 for
Robin M. Silva, Reg. No. 38,304

Name of Person Signing
Reg. No.

Signature

Date

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

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

Commissioner of Patents & Trademarks,
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Washington, D.C. 20231

01/15/2003 TDI A21 00000172 10141531

01 FC:8021

40.00 DP

PATENT
REEL: 013655 FRAME: 0323

ASSIGNMENT

WHEREAS, the undersigned

Bipin K. Dalmia, resident of San Diego, State of California; Steven P. Briggs, resident Del Mar, State of California; Greg del Val, resident of San Diego, State of California; Peter Heifetz, resident of San Diego, State of California and Peter Luginbuhl, resident of San Diego, State of California

(hereinafter termed "Inventor(s)"), has invented certain new and useful improvements in

NUCLEIC ACIDS AND PROTEINS WITH THIOREDOXIN REDUCTASE ACTIVITY

for which an application for a United States Patent was filed on May 6, 2002 having Application Number 10/141,531 and

WHEREAS,

Syngenta Participations AG, a corporation of Switzerland having a place of business at Schwarzwaldallee 215, 4058 Basel, Switzerland (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventors to have been received in full from said Assignee:

1. Said Inventors do hereby sell, assign, transfer and convey unto said Assignee, the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.

2. Said Inventors hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public

use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.

4. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Inventors have executed and delivered this instrument to said Assignee as of the dates below written adjacent to each of their respective signatures.

Signature of Inventor : Bipin K. Dalmia

BKD Bipin
Bipin K. Dalmia

Date : 12/13/02

County of San Diego)
) ss.
State of California)

On this 13th day of Dec. in the year 2002, before me Cassandra Peters Notary Public of the State of California personally appeared Bipin K. Dalmia personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature Cassandra Peters

(Seal)



Signature of Inventor :

Steven P. Briggs

Steven P. Briggs

Date :

4 Nov 02

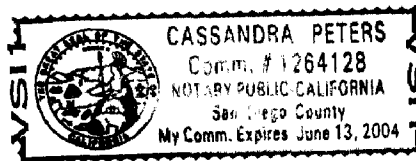
County of San Diego)
) ss.
State of California)

On this 4th day of Nov. in the year 2002, before me Cassandra Peters Notary Public of the State of California personally appeared Steven P. Briggs personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature Cassandra Peters

(Seal)



Signature of Inventor : G. del Val

Greg del Val

Date : 11/4/02

County of San Diego)
) ss.
State of California)

On this 4th day of NOV in the year 2002, before me
Cassandra Peters Notary Public of the State of California personally
appeared Greg del Val personally known to me (or proved to me on the
basis of satisfactory evidence) to be the person whose name is subscribed to the within
instrument, and acknowledged that he/she executed the same in his/her authorized
capacity(ies), and that by his/her signature on the instrument the person, or the entity
upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature Cassandra Peters

(Seal)



Signature of Inventor :

Peter Heifetz

Peter Heifetz

Date :

October 31, 2002

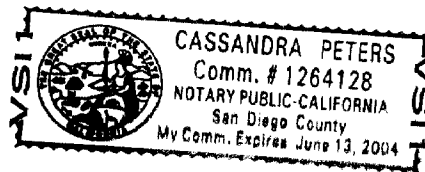
County of San Diego)
State of California) ss.

On this 31st day of October in the year 2002, before me Cassandra Peters Notary Public of the State of California personally appeared Peter Heifetz personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature Cassandra Peters

(Seal)



Signature of Inventor : P Luginbuhl

Peter Luginbuhl

Date : 10-31-2002

County of San Diego)
) ss.
State of California)

On this 31st day of October in the year 2002, before me
Cassandra Peters Notary Public of the State of California personally
appeared Peter Luginbuhl personally known to me (or proved to me on the
basis of satisfactory evidence) to be the person whose name is subscribed to the within
instrument, and acknowledged that he/she executed the same in his/her authorized
capacity(ies), and that by his/her signature on the instrument the person, or the entity
upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature Cassandra Peters

(Seal)

