

MRD
9-27-99

RE:
P1

09-30-1999



To the Honorable Commissioner of Patents and Trademarks: Please record th

1. Name of conveying party(ies):

Pal Maliga
Samir R. Sikdar
Siva Vanga Reddy

101158982

ty(ies):

Name: Rutgers, The State University of New Jersey

Internal Address _____

Street Address: Old Queens, Somerset Street

City: New Brunswick State/Country: NJ ZIP: 08903

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

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

3. Nature of conveyance:

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

Execution Date: September 2, 1999, September 17, 1999,
September 2, 1999

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)

B. Patent No.(s)

09/142,114

Additional Application/Patent Numbers attached? Yes No

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

Name: Kathleen D. Rigaut, Ph.D., J.D.
Address: DANN, DORFMAN, HERRELL AND SKILLMAN, P.C.
1601 Market Street, Suite 720
Philadelphia, Pennsylvania 19103-2307
Telephone: (215) 563-4100 Facsimile: (215) 563-4044

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

8. In the event the check enclosed is improper, or the fee calculation is in error, the Commissioner is authorized to charge any underpayment or credit any overpayment to the account of the undersigned attorneys.

Deposit Account Number: 04-1406

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.

Kathleen D. Rigaut, Ph.D., J.D.
Name of Attorney or Agent

Kathleen D. Rigaut
Signature of Attorney or Agent

September 22, 1999
Date

Total number of pages comprising cover sheet: 7

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents and Trademarks
Box Assignments
Washington, DC 20231

09/29/1999 DNGUYEN 00000229 09142114

01 FC:5A1 40.00 OF

ASSIGNMENT

WHEREAS, PAL MALIGA, SAMIR R. SIKDAR AND SIVA VANGA REDDY, hereinafter referred to as ASSIGNORS, are named inventors of an invention entitled: **PLASTID TRANSFORMATION IN ARABIDOPSIS THALIANA**, described and claimed in an application for Letters Patent of the United States signed by ASSIGNORS and dated the 2 day of September, 1999, and 17 day of September, 1999, and 2nd day of September 1999 under U.S. Application No 09/142,114.

WHEREAS, Rutgers, The State University of New Jersey, a public body Corporate of the State of New Jersey, located at Old Queens, Somerset Street, New Brunswick, New Jersey 08903, hereinafter referred to as ASSIGNEE, is desirous of acquiring said invention and any and all applications for Letters Patent and any and all Letters Patent of the United States and foreign countries which may be issued therefor;

NOW THEREFORE THIS IS TO WITNESS that in consideration of the sum of One Dollar (\$1.00) paid to ASSIGNORS by ASSIGNEE, the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNORS have sold, assigned and set over and hereby does sell, assign and set over, unto ASSIGNEE, its successors and assigns, for the territory of the United States of America and for all foreign countries, ASSIGNORS' entire right, title and interest in and to the aforesaid inventions, as well as any improvement thereof, and any and all applications for Letters Patents which have been, or hereafter may be, filed on said invention or any said improvement, including any and all divisional, renewal, substitute, continuation and continuation-in-part application, together with the right to claim priority accruing from said applications, and all Letters Patent which may be granted on any said application(s) for said invention or any said improvement, and all extension(s) and reissue(s) thereof.

And ASSIGNORS hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States to ASSIGNEE, its successors and assigns, as the owner of all right, title and interest therein.

And for said consideration, it is hereby covenanted and agreed that at the request and expense of ASSIGNEE, its successors and assigns, ASSIGNOR will execute any further papers and do such other acts and things as may be necessary and proper to permit ASSIGNEE, its successors and assigns, to procure Letters Patent for said invention in the United States and in such foreign countries as ASSIGNEE, its successors and assigns may elect, and vest the full title thereto in ASSIGNEE, its successors and assigns.

IN WITNESS WHEREOF, this assignment has been executed on the day and month indicated below.

Date

September 2, 1999

Signature

Pal Maliga
PAL MALIGA

Date

Signature

SAMIR R. SIKDAR

Date

Signature

SIVA VANGA REDDY

PATENT

REEL: 010268 FRAME: 0245

COUNTY OF

Middlesex

STATE OF

New Jersey

Before me, the undersigned, a notary public, in and for the county aforesaid, on this 2nd day of September 1999, personally appeared **PAL MALIGA** to me known to be the person described in and who executed the foregoing instrument and who acknowledged that he executed the same as his free act and deed and desired the same to be recorded as such.

LOREL M. NICHOL
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires Nov. 10, 2003

Lorel M. Nichol

Notary Public

Application for United States Letters Patent Serial Number 09/142,114, filed September 4, 1998

DANN, DORFMAN, HERRELL AND SKILLMAN

PATENT

REEL: 010268 FRAME: 0246

ASSIGNMENT

WHEREAS, PAL MALIGA, SAMIR R. SIKDAR AND SIVA VANGA REDDY, hereinafter referred to as ASSIGNORS, are named inventors of an invention entitled: **PLASTID TRANSFORMATION IN ARABIDOPSIS THALIANA**, described and claimed in an application for Letters Patent of the United States signed by ASSIGNORS and dated the 2nd day of September, 1999, and 17 day of September, 1999, and 2nd day of September 1999 under U.S. Application No 09/142,114.

WHEREAS, Rutgers, The State University of New Jersey, a public body Corporate of the State of New Jersey, located at Old Queens, Somerset Street, New Brunswick, New Jersey 08903, hereinafter referred to as ASSIGNEE, is desirous of acquiring said invention and any and all applications for Letters Patent and any and all Letters Patent of the United States and foreign countries which may be issued therefor;

NOW THEREFORE THIS IS TO WITNESS that in consideration of the sum of One Dollar (\$1.00) paid to ASSIGNORS by ASSIGNEE, the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNORS have sold, assigned and set over and hereby does sell, assign and set over, unto ASSIGNEE, its successors and assigns, for the territory of the United States of America and for all foreign countries, ASSIGNORS' entire right, title and interest in and to the aforesaid inventions, as well as any improvement thereof, and any and all applications for Letters Patents which have been, or hereafter may be, filed on said invention or any said improvement, including any and all divisional, renewal, substitute, continuation and continuation-in-part application, together with the right to claim priority accruing from said applications, and all Letters Patent which may be granted on any said application(s) for said invention or any said improvement, and all extension(s) and reissue(s) thereof.

And ASSIGNORS hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States to ASSIGNEE, its successors and assigns, as the owner of all right, title and interest therein.

And for said consideration, it is hereby covenanted and agreed that at the request and expense of ASSIGNEE, its successors and assigns, ASSIGNOR will execute any further papers and do such other acts and things as may be necessary and proper to permit ASSIGNEE, its successors and assigns, to procure Letters Patent for said invention in the United States and in such foreign countries as ASSIGNEE, its successors and assigns may elect, and vest the full title thereto in ASSIGNEE, its successors and assigns.

IN WITNESS WHEREOF, this assignment has been executed on the day and month indicated below.

Date

Signature

17th September 1999

Date

PAL MALIGA



Signature

SAMIR R. SIKDAR

Date

Signature

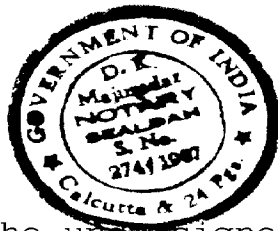
SIVA VANGA REDDY

PATENT

REEL: 010268 FRAME: 0247

COUNTY OF

STATE OF West Bengal



Before me, the undersigned, a notary public, in and for the county aforesaid, on this 17th day of September, 1999 personally appeared **SAMIR R. SIKDAR** to me known to be the person described in and who executed the foregoing instrument and who acknowledged that he executed the same as his free act and deed and desired the same to be recorded as such.

Sikdar

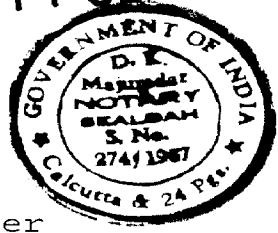
D. K. Majumdar 17/9/99

7 SEP 1999



Notary Public
BILIP KR. MAJUMDAR
NOTARY PUBLIC
Govt. of India
SEALDAH CIVIL COURT
CALCUTTA-14
S. R. No. 274/1987

17 SEP 1999



Application for United States Letters Patent Serial Number 09/142,114, filed September 4, 1998

DANN, DORFMAN, HERRELL AND SKILLMAN

ASSIGNMENT

WHEREAS, PAL MALIGA, SAMIR R. SIKDAR AND SIVA VANGA REDDY, hereinafter referred to as ASSIGNORS, are named inventors of an invention entitled: **PLASTID TRANSFORMATION IN ARABIDOPSIS THALIANA**, described and claimed in an application for Letters Patent of the United States signed by ASSIGNORS and dated the 2nd day of September, 1999, and 17th day of September, 1999, and 2nd day of September 1999 under U.S. Application No 09/142,114.

WHEREAS, Rutgers, The State University of New Jersey, a public body Corporate of the State of New Jersey, located at Old Queens, Somerset Street, New Brunswick, New Jersey 08903, hereinafter referred to as ASSIGNEE, is desirous of acquiring said invention and any and all applications for Letters Patent and any and all Letters Patent of the United States and foreign countries which may be issued therefor;

NOW THEREFORE THIS IS TO WITNESS that in consideration of the sum of One Dollar (\$1.00) paid to ASSIGNORS by ASSIGNEE, the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNORS have sold, assigned and set over and hereby does sell, assign and set over, unto ASSIGNEE, its successors and assigns, for the territory of the United States of America and for all foreign countries, ASSIGNORS' entire right, title and interest in and to the aforesaid inventions, as well as any improvement thereof, and any and all applications for Letters Patents which have been, or hereafter may be, filed on said invention or any said improvement, including any and all divisional, renewal, substitute, continuation and continuation-in-part application, together with the right to claim priority accruing from said applications, and all Letters Patent which may be granted on any said application(s) for said invention or any said improvement, and all extension(s) and reissue(s) thereof.

And ASSIGNORS hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States to ASSIGNEE, its successors and assigns, as the owner of all right, title and interest therein.

And for said consideration, it is hereby covenanted and agreed that at the request and expense of ASSIGNEE, its successors and assigns, ASSIGNOR will execute any further papers and do such other acts and things as may be necessary and proper to permit ASSIGNEE, its successors and assigns, to procure Letters Patent for said invention in the United States and in such foreign countries as ASSIGNEE, its successors and assigns may elect, and vest the full title thereto in ASSIGNEE, its successors and assigns.

IN WITNESS WHEREOF, this assignment has been executed on the day and month indicated below.

Date

Signature

PAL MALIGA

Date

Signature

SAMIR R. SIKDAR

Date

Signature

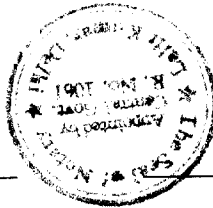
SIVA VANGA REDDY

ATTESTED

NOTARY PUBLIC

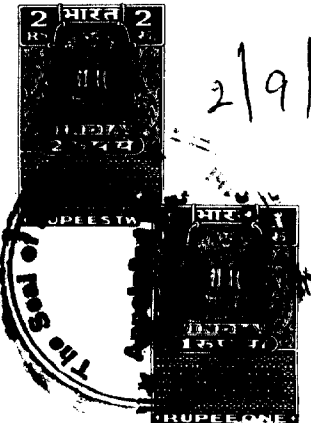
- 2 SEP 1999

VALID OUTSIDE INDIA



2/9/99

V. Siva Reddy



COUNTY OF

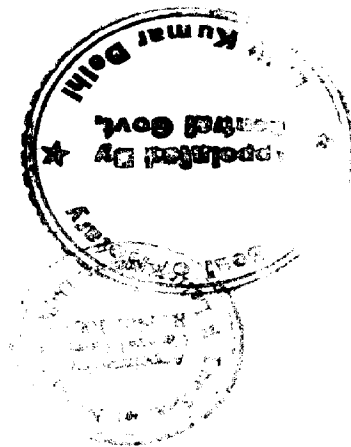
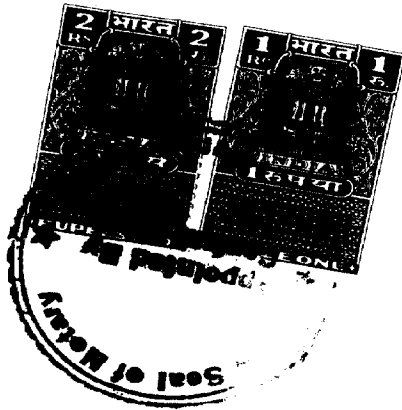
STATE OF

Before me, the undersigned, a notary public, in and for the county aforesaid, on this 2nd day of September, 1999 personally appeared **SIVA VANGA REDDY** to me known to be the person described in and who executed the foregoing instrument and who acknowledged that he executed the same as his free act and deed and desired the same to be recorded as such.

Notary Public

Application for United States Letters Patent Serial Number 09/142,114, filed September 4, 1998

DANN, DORFMAN, HERRELL AND SKILLMAN



ATTESTED
Sh
NOTARY DELM
- 2 SEP 1999

VALID OUTSIDE INDIA