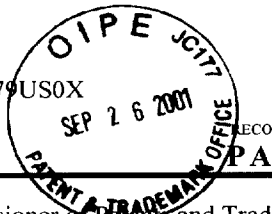


Atty Docket No.:

203979US0X

FORM PTO-1595
1-31-92



10-03-2001



101863434

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

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Bettina MOECKEL; Mike FARWICK; Thomas HERMANN;
Caroline KREUTZER and Walter PFEFFERLE

09/26/01

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

3. Nature of Conveyance:

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

July 06, 2001; July 16, 2001;
July 24, 2001; July 16, 2001

Execution Date: July 16, 2001

2. Name and address of receiving party(ies):

Name: DEGUSSA AG

Address: Benningsenplatz 1, DE-40474 Duesseldorf,
GERMANY

Additional name(s) and 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)

09/903,770

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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



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6. Total applications and patents involved: 1

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PATENT
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Assignment Of Application

Page 1 of 2

WHEREAS, I (WE) Bettina MOECKEL; Mike FARWICK; Thomas HERMANN;
Caroline KREUTZER; and Walter PFEFFERLE

of: Benrodestrasse 35, DE-40597 Duesseldorf, GERMANY;

Gustav-Adolf-Strasse 11, DE-33615 Bielefeld, GERMANY;

Zirkonstrasse 8, DE-33739 Bielefeld, GERMANY;

Poststrasse 16, DE-49326 Melle, GERMANY; and

Jahnstrasse 33, DE-33790 Halle (Westf.), GERMANY

INSERT NAMES
AND RESIDENCE
ADDRESSES OF
THE INVENTORS:

_____, respectively,

INSERT TITLE
OF INVENTION:

have invented certain new and useful improvements in: NUCLEOTIDE SEQUENCES
CODING FOR THE lysR1 GENE

INSERT DATE IN-
VENTORS SIGNED
DECLARATION:

*See Below

for which an application for Letters Patent was executed on _____

(Application No. 09/903,770, filed July 13, 2001), and

INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE:

WHEREAS, DEGUSSA AG

(hereinafter referred to as "ASSIGNEE") having a place of business at: Benningsenplatz 1,
DE-40474 Duesseldorf, GERMANY

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

* July 6, 2001; July 16, 2001; July 31, 2001; July 31, 2001 and July 16, 2001.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

| | |
|--------------------------|---|
| Date: <u>6 July 2001</u> | <u>Bettina Moeckel</u> (Signature of Inventor) Bettina MOECKEL |
| Date: _____ | _____ (Signature of Inventor) Mike FARWICK |
| Date: _____ | _____ (Signature of Inventor) Thomas HERMANN |
| Date: _____ | _____ (Signature of Inventor) Caroline KREUTZER |
| Date: _____ | _____ (Signature of Inventor) Walter PFEFFERLE |
| Date: _____ | _____ (Signature of Inventor) |
| Date: _____ | _____ (Signature of Inventor) |
| Date: _____ | _____ (Signature of Inventor) |

OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT, P.C.
ATTORNEYS AT LAW
FOURTH FLOOR
1755 JEFFERSON DAVIS HIGHWAY
ARLINGTON, VIRGINIA 22202

Assignment Of Application

Page 1 of 2

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Date: _____

(Signature of Inventor) Bettina MOECKEL

Date: 07/16/2001

(Signature of Inventor) Mike FARWICK

Date: 07/24/2001

(Signature of Inventor) Thomas HERMANN

Date: 07/16/2001

(Signature of Inventor) Caroline KREUTZER

Date: 07/16/2001

(Signature of Inventor) Walter PFEFFERLE

Date: 08/06/2001

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
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