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10-11-2001

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1-31-92

OCT 05 2001



U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

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

1. Name of conveying party(ies):

Douwe MOLENAAR; Michel Eduard VAN DER REST and  
Andre DRYSCH

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

3. Nature of Conveyance:

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

Execution Date: July 1, 2001; June 26, 2001;  
July 3, 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)

09/892,867

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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



22850

6. Total applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00

- ☒ Enclosed  
☐ Authorized to be charged to deposit account

8. Deposit account number: 15-0030

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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.*

Daniel J. Pereira, Ph.D.

Name of Person Signing

Registration Number: 45,518

  
Signature

10/3/01  
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Commissioner of Patents and Trademarks  
Box Assignments  
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PATENT  
REEL: 012228 FRAME: 0621

# Assignment Of Application

Page 1 of 2

WHEREAS, I (WE) Douwe MOLENAAR; Michel Eduard VAN DER REST and  
Andre DRYSCH

of: Hofstrasse 12, DE-52499 Baesweiler, GERMANY  
Akkerwinde 24A, NL-5913 Venlo, NETHERLANDS; and  
Am Kuhlenhof 10, DE-47913 Toenisvorst, GERMANY

INSERT NAMES  
AND RESIDENCE  
ADDRESSES OF  
THE INVENTORS:

\_\_\_\_\_, respectively,  
have invented certain new and useful improvements in: NUCLEOTIDE SEQUENCES WHICH  
CODE FOR THE mdhA GENE

INSERT TITLE  
OF INVENTION:

for which an application for Letters Patent was executed on July 1, 2001; June 26, 2001  
and July 3, 2001

INSERT DATE IN-  
VENTORS SIGNED  
DECLARATION:

(Application No. 09/892,867, filed June 28, 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, continua-  
tions, substitutions and renewals thereof.

1/85

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: x 07/01/01

(Signature of Inventor)

Bouwe MOLENAAR

Date: \_\_\_\_\_

(Signature of Inventor)

Michel Eduard VAN DER REST

Date: \_\_\_\_\_

(Signature of Inventor)

Andre DRYSCH

Date: \_\_\_\_\_

(Signature of Inventor)

Date: \_\_\_\_\_

(Signature of Inventor)

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

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Date: _____	(Signature of Inventor) Douwe MOLENAAR
Date: 26-26-01	(Signature of Inventor) Michel Eduard VAN DER REST
Date: _____	(Signature of Inventor) Andre DRYSCH
Date: _____	(Signature of Inventor) _____
Date: _____	(Signature of Inventor) _____
Date: _____	(Signature of Inventor) _____
Date: _____	(Signature of Inventor) _____
Date: _____	(Signature of Inventor) _____

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 ATTORNEYS AT LAW  
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 1755 JEFFERSON DAVIS HIGHWAY  
 ARLINGTON, VIRGINIA 22202

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Date: _____	(Signature of Inventor) Michel Edouard VAN DER REST
Date: 07/03/01	(Signature of Inventor) Andre DRYSCH
Date: _____	(Signature of Inventor) _____
Date: _____	(Signature of Inventor) _____
Date: _____	(Signature of Inventor) _____
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