

RESUBMISSION
AND 10.27.98

11-06-1998



100871487

FORM 1-3-92

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 of conveying party(ies):
Walter PFEFFERLE
Hermann LOTTER
Heinz FRIEDRICH
Wolfgang DEGENER
Additional name(s) of conveying parties attached? - Yes No

2. Name and address of receiving party(ies):
Name: DEGUSSA AKTIENGESELLSCHAFT
Address: Weissfrauenstrasse 9
60311 Frankfurt am Main 1
Federal Republic of Germany
A Corporation of Germany

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date(s): 6/12/98, 6/23/98,
6/25/98 & 6/19/98

Additional name(s) & address(es) attached?
 yes no

4. Application number(s) or patent number(s): 09/087,969

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

A. Patent Application No.(s) _____ B. Patent No.(s) _____

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Robert G. Weilacher, Esq.
Beveridge, DeGrandi, Weilacher & Young, LLP
1850 M Street, N.W.
Suite 800
Washington, DC 20036
Attorney Docket No. 06/59-48027-3 (DEG04)

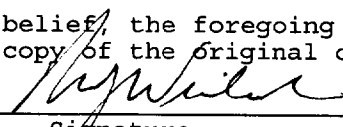
6. Total number of applications and patents involved (number) 1

7. Total fee (37 CFR 3.41):\$ _____
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 Other: previously paid per 10077383A
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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.

Robert G. Weilacher  October 27, 1998
Name of Person Signing Signature Date
Reg. No. 20,531 Total no. of pages (including cover sheet, attachments & documents): 5

OMB No. 0651-00111

PATENT
REEL: 9554 FRAME: 0722

07-24-1998



EET

7-19-98

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To the Honor. _____ and Trademarks:
Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): OTPE 2. Name and address of receiving party(ies):
Walter PFEFFERLE et al. Name: DEGUSSA AKTIENGESELLSCHAFT

Additional name(s) of conveying parties attached? - Yes No
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Beveridge, DeGrandi, Weilacher & Young, LLP
1850 M Street, N.W.
Suite 800
Washington, DC 20036
Attorney Docket No. 06/59-48027-3 (DEG04)
6. Total number of applications and patents involved (number) 1
7. Total fee (37 CFR 3.41):.....\$40.00
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03 FC:581 40.00 DP

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Robert G. Weilacher _____
Name of Person Signing Signature Date
Reg. No. 20,531 Total no. of pages (including cover sheet, attachments & documents): 3

A S S I G N M E N T

WHEREAS the undersigned (hereinafter "ASSIGNOR") have invented certain new and useful improvements in

FERMENTATIVE PREPARATION OF AMINO ACIDS

for which an application for United States Letters Patent was executed concurrently herewith unless otherwise indicated and claim the benefit of German priority application P 41 30 867.0, filed: September 17, 1991.

WHEREAS, DEGUSSA AKTIENGESELLSCHAFT,

Weissfrauenstrasse 9,

600 Frankfurt am Main 1

Federal Republic of Germany,

a German Corporation (hereinafter "ASSIGNEE") is desirous of acquiring the entire right, title and interest in the same:

NOW, THEREFORE, in view of good and valuable consideration, the said ASSIGNOR hereby sells, assigns and transfers unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and all other countries and the entire right, title and interest in and to any and all Letters Patent, which may be granted therefore in the United States, and all other countries and in and to any and all divisions, reissues, continuations, and extensions thereof.

Said ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to said ASSIGNEE, as the assignee of the entire right, title, and interest in and to the same, for the sole use and for the use of its successors, legal representatives, 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 said ASSIGNOR had this assignment and sale not been made.

IN TESTIMONY WHEREOF, we have hereunto set our hands

Signatures

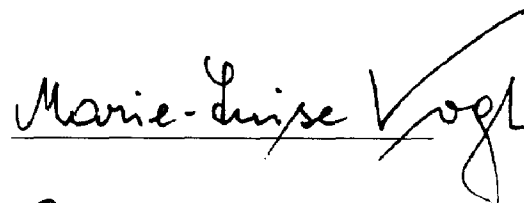
Dates

In the Presence of:



Dr. Walter Pfefferle

6/12/98

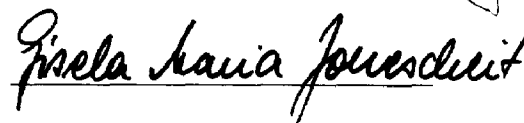


Marie-Luise Vogl




Dr. Hermann Lotter

6/23/98



Gisela Maria Joescheit

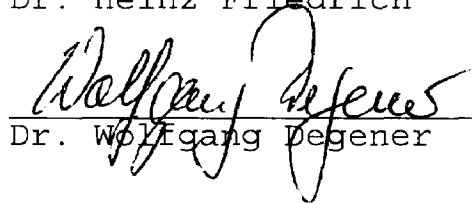


Dr. Heinz Friedrich

6/25/98

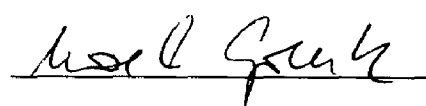


Gisela Maria Joescheit



Dr. Wolfgang Degener

6/19/98



Axel Gunk