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1/23/02

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To the Honorable Commissioner of Patents
Please record the attached original document



102049830

1. Name of conveying party(ies)
Bernhard HAUER, Juergen PLEISS, Ulrich SCHWANEBERG,
Jutta SCHMITT, Markus FISCHER, Rolf SCHMID,
Qing-shan LI

2. Name of receiving party(ies)

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

BASF Aktiengesellschaft
Street Address: 67056 Ludwigshafen
Germany

3. Nature of conveyance:

Assignment // Merger
 Security Agreement // Change of Name

City: _____ State: _____ ZIP _____

Execution Date: 12/13/01

Additional name(s) & address(es) attached?
// Yes /X/ 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:

JAN 23 2002

A. Patent Application No.(s)

B. Patent No.(s)

10/031695

Additional numbers attached? // Yes /X/ No

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

Name: Herbert B. Keil
Internal Address:

Street Address: Keil & Weinkauf
1101 Connecticut Ave. N.W.
City: Washington State: D.C ZIP: 20036

6. Total number of applications and
and patents involved: 1

7. Total Fee(37 CFR 3.41).... \$ 40.00

8. Deposit Account 11-0345 if fee is
deficient or not attached /X/

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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.

Herbert B. Keil
Name of Person Signing

Herbert B. Keil
Signature

Jan 22, 02
Date

Total number of pages

Assignment of Application

0050/051241

WHEREAS, I (WE)

Bernhard Hauer, Merowingerstr.1, 67056 Fußgönheim, Germany
 Citizen of Germany

Juergen Pleiss, Ostlandstr. 13, 71679 Asperg, Germany
 Citizen of Germany

Ulrich Schwaneberg, Uhlandstr. 15, 71336 Waiblingen, Germany
 Citizen of Germany

Jutta Schmitt, Fuggerstr. 19, 70563 Stuttgart, Germany
 Citizen of Germany

Markus Fischer, Uhlandstr. 14, 71638 Ludwigsburg, Germany
 Citizen of Germany

Rolf Schmid, Sylvanerweg 6, 70329 Stuttgart, Germany
 Citizen of Germany

Qing-shan Li, Kitashirakawa-oiwakecho, Sakyo-ku, Kyoto 606-8502, Japan
 Citizen of China

respectively, have invented certain new and useful improvements in

Modified cytochrome P450 monooxygenases

for which an application for Letters Patent was executed on

(Application No. _____, filed _____), and

WHEREAS, *BASF Aktiengesellschaft (hereinafter referred to as "ASSIGNEE")*, having a place of business at *67056 Ludwigshafen, 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;

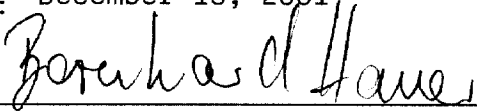
NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE(S), the full and exclusive right to the said invention in the United 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.

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(S) as the assignee(s) of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE(S), 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(S), 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(S), make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE(S), 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 **Messrs. Keil & Weinkauff**, 1101 Connecticut Ave., N. W., Washington, D. C. 20036 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: December 13, 2001



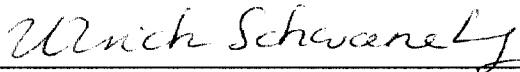
Bernhard Hauer

Date: December 13, 2001



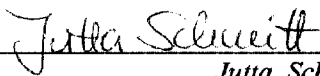
Juergen Pleiss

Date: December 13, 2001



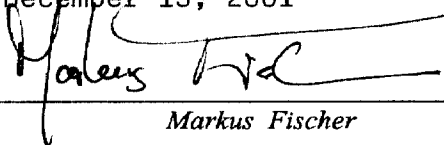
Ulrich Schwaneberg

Date: December 13, 2001



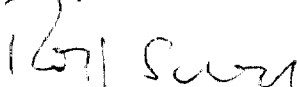
Jutta Schmitt

Date: December 13, 2001



Markus Fischer

Date: December 13, 2001



Rolf Schmid

Date: December 13, 2001



Qing-shan Li