

10-21-2004

Form PTO-1595 (Rev. 10/02) OMB No. 0651-0027 (exp. 6/30/2005) Attorney Dkt # 029310.55039US



U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

102864857

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

1. Name of conveying party(ies):

- (1) Heinz URAGG
- (2) Corinna MAUL
- (3) Helmut BUSCHMANN
- (4) Bernd SUNDERMANN
- (5) Michael HAURAND
- (6) Boris CHIZH



2. Name and address of receiving party(ies)

Name:  
Gruenenthal GmbH  
Street Address:  
Zieglerstrasse 6  
Aachen 52078, GERMANY

10/18/04

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

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

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other

Execution Date: (1) September 8, 2004  
 (2, 6) September 22, 2004  
 (3) September 14, 2004  
 (4) October 4, 2004  
 (5) September 9, 2004

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 Registration No.(s)

10/866,100

Additional number(s) attached  Yes  No

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

Name: **Crowell & Moring LLP**  
**Intellectual Property Group**

Internal Address:

PO Box 14300  
 Washington, DC  
 20044-4300

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. Deposit account number:

05-1323

(Attach duplicate copy of this page if paying by deposit account)

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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.

J. D. Evans, 26,269  
 Song Zhu, Ph.D., 44,420

Name of Person Signing

Signature

October 18, 2004  
 Date

Total number of pages including cover sheet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information to:  
 Commissioner of Patent & Trademarks, Mail Stop Assignment Recordation Services  
 P.O. Box 1450, Alexandria, VA 22313-1450

10/20/2004 ECDOPER 0000054 10866100

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40.00 DP

PATENT REEL: 015893 FRAME: 0001

**ASSIGNMENT**

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto:

**Gruenthal GmbH  
 Zieglerstrasse 6  
 Aachen 52078, Germany**

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to his invention relating to: PHARMACEUTICAL CONTAINING N,N'-DISUBSTITUTED PIPERAZINE COMPOUNDS

as set forth in his United States Patent Application (check one):

- executed concurrently herewith,
- executed on \_\_\_\_\_,
- Serial No. 10/866,100, filed June 14, 2004.

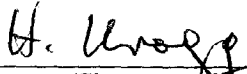
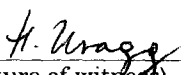

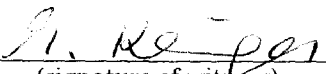
in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of **CROWELL & MORING, L.L.P.**, or any partner thereof, the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

<u>08.09.04</u> (date)	 _____ (Signature of 1st inventor) Heinz Uragg	 _____ (signature of witness)
<u>22.09.04</u> (date)	 _____ (Signature of 2nd inventor) Corinna Maul, married Surdemann	 _____ (signature of witness)