Form PTO-1595 (Rev. 06/04) OMB No. 0651-0027 (exp. 6/30/2005)

Attorney Docket No.: 029310.58326US PATE 02-02-2007

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		103309145			
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1. Name of conveying party(ies)/Execution Date(s): (1) Corinna SUNDERMANN (2) Bernd SUNDERMANN Execution Date(s): (1) 01/16/07; (2) 01/16/07 Additional name(s) of conveying party(ies) attached? Yes No 3. Nature of conveyance: Assignment Merger Security Agreement Change of Name Government Interest Assignment Executive Order 9424, Confirmatory License Other		Name: Gruenenthal GmbH Street Address: Zieglerstrasse 6 52078 Aachen Germany Additional name(s) & address(es) attached? Yes No			
4. Application r	number(s) or patent number(s): This do	ocument is being filed together with a new application.			
A. Patent Application No.(s)		B. Patent Registration No.(s)			
	11/594,944				
	Additional number(s) attac				
Name and address of party to whom correspondence concerning document should be mailed:		6. Total number of applications and patents involved			
		involved [i]			
Name: Street Address:	Crowell & Moring LLP Intellectual Property Group PO Box 14300	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00 Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting title)			
	Washington, DC 20044-4300	8. Payment Information			
Phone Number:	202-624-2500	a. Credit Card Last 4 Numbers <u>1006</u>			
Fax Number:	202-628-8844	Expiration Date 10/10			
		b. Deposit Account Number <u>05-1323</u> Authorized User Name <u>23911</u>			
9. Signature:	M MAC SI				
	(histolient	January 30, 2007			
	Signature	Date			
Christopher T. McWhinney, Reg. No. 42,875/					
J. D. LValis, IV. 20, 20, 200		Total number of pages including cover sheet, attachments, and documents: 2			
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01/31/2007 HMARZ11 00000102 11594944

01 FC:8021

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REEL: 018852 FRAME: 0202

U.S. Rights--Sole or Joint

Attorney Docket No.: 029310.58326US

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:

Gruenenthal GmbH Zieglerstrasse 6, 52078 Aachen, Germany

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to his invention relating to:

o mis invention	relating to.
	CYCLOHEXYL-1,4-DIAMINE COMPOUNDS
s set forth in h	is United States Patent Application (check one):
	executed concurrently herewith, executed on
and to any and nvention, inclusive successors, leguetters patent	Inited States Patent Application including any and all divisions or continuations thereof and in all Letters Patent of the United States which may issue on any such application or for said adding any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its all representatives and assigns to the full end of the term or terms for which any and all such may be granted as fully and entirely as would have been held and enjoyed by the undersigned ament not been made;
Each of the und	dersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue the Letters patent to said ASSIGNEE, its successors or assigns in accordance herewith;
he interests he	dersigned warrants and covenants that he has the full and unencumbered right to sell and assignered as a signered and that he has not executed and will not execute any document or onflict herewith;
egal represent and that he will perform all of representatives continuations treissues or ex successors, leg States for said	
Each of the un the power to to comply with the	dersigned hereby grants the firm of CROWELL & MORING, L.L.P., or any partner thereof insert in this Assignment any further identification which may be necessary or desirable to be rules of the U.S. Patent and Trademark Office for recordation of this Assignment.
Signature: Inventor one:	Corinna SUNDERMANN Corinna SUNDERMANN M. 01.07 DATE
Signature: Inventor two:	Bernd SUNDERMANN
	the control of the co

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PATENT REEL: 018852 FRAME: 0203 Form **PTO-1595** (Rev. 06/04) OMB No. 0651-0027 (exp. 6/30/2005)

JAN 3 0 2007

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Attorney Docket No.: 029310.58364US RECORDATION FORM COVER SHEET PATENTS ONLY				
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(1) Corinna SUNDERMANN (2) Bernd SUNDERMANN Execution Date(s) (1) 01/08/2007 and (2) 01/11/2007 Additional name(s) of conveying party(ies) attached? Yes No 3. Nature of conveyance: Assignment Merger Security Agreement Change of Name Government Interest Assignment Executive Order 9424, Confirmatory License Other	Name: Gruenenthal GmbH Street Address: Zieglerstrasse 6 52078 Aachen Germany Additional name(s) & address(es) attached? Yes No			
4. Application number(s) or patent number(s):	ocument is being filed together with a new application. B. Patent Registration No.(s)			
11/598,953				
Additional number(s) attached? ☐ Yes ☒ No				
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved 1			
Name: Crowell & Moring LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00 Authorized to be charged by credit card Authorized to be charged to deposit account			
Street Address: Intellectual Property Group PO Box 14300 Weshington, DC 20044 4300	☐ Enclosed ☐ None required (government interest not affecting title)			
Washington, DC 20044-4300	8. Payment Information			
Phone Number: 202-624-2500 Fax Number: 202-628-8844	a. Credit Card Last 4 Numbers 1007 Expiration Date 10/10			
	b. Deposit Account Number <u>05-1323</u> Authorized User Name <u>23911</u>			
9. Signature: Signature	January 30, 2007 Date			
Christopher T. McWhinney, Reg. No. 42,8 Name of Person Signing	Total number of pages including cover sheet, attachments, and documents: 2			
- 15 to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:				

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01/31/2007 HMARZ11 00000103 11598953 01 FC:8021 40.00 0P

> PATENT REEL: 018852 FRAME: 0204

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Attorney Docket No.: 029310.58364US

RECORDED: 01/30/2007

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:

Gruenenthal GmbH

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and

to his invention	relating to:	
SUBSTITUTI	ED CYCLOHEXYL-1,4-DIAMINE DERIVATIVES WITH A	CHAIN EXTENSION
as set forth in hi	is United States Patent Application (check one):	
	executed concurrently herewith, executed on . Serial No. 11/594,953 filed November 9, 2006, PCT International Application, No.:, filed,	
and to any and invention, inclu successors, lega Letters patent n	United States Patent Application including any and all divisions or collal Letters Patent of the United States which may issue on any sudding any and all reissues or extensions thereof, to be held and enjoyed representatives and assigns to the full end of the term or terms for may be granted as fully and entirely as would have been held and entirely not been made;	ch application or for said of by said ASSIGNEE, its or which any and all such
	dersigned hereby authorizes and requests the Commissioner of Patents h Letters patent to said ASSIGNEE, its successors or assigns in accord	
the interests he	dersigned warrants and covenants that he has the full and unencumber erein sold and assigned and that he has not executed and will not conflict herewith;	ed right to sell and assign execute any document or
legal representa and that he will perform all of representatives continuations the reissues or ext successors, legal States for said in		inon or patent application my legal proceedings and EE, its successors, legal including divisions and efor or thereon, including sist said ASSIGNEE, its tters Patent of the United
	dersigned hereby grants the firm of CROWELL & MORING, L.L. insert in this Assignment any further identification which may be ne rules of the U.S. Patent and Trademark Office for recordation of this	
Signature: Inventor one:	Corinna SUNDERMANN	8 1 7007 DATE
Signature: Inventor two:	Bernd SUNDERMANN	DATE

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> **PATENT REEL: 018852 FRAME: 0205**