06-19-2000

MARK OFFICE



101383661

the Honorab Commissioner of Patents and Trademarks: Please record the attached original documents or stepy thereof

AUE	1/5 MKD 2.8.00			
1. Name of conveying party(ies):		2. Name and address of receiving party(ies):		
Berthold NIES	4.24.00	Merck Patent Gesellschaft mit beschränkter Haftung Darmstadt, Germany		
No additional names attached ⊠				
3. Nature of Conveyance:				
□ assignment	□ merger	No additional names(s) or address(es) attached ■		
☐ security agreement	☐ change of name			
■ other Corrected assignment-correct Serial Number				
EXECUTION DATE:	January 25, 1999			
4. Application number(s) or patent number(s): THIS DOCUMENT IS NOT BEING FILED WITH A NEW APPLICATION.				
A. Patent Application 09/242,445	Number(s)	B. Patent Number(s)		
be mailed: Name: MILLEN, W	rning document should HITE, ZELANO GAN, P.C. Court Plaza I	6. Total number of applications and patents involved: 1 7. Total fee (37CFR 3.41) \$40.00 ■ Check enclosed ■ Charge any deficiencies in the payment of fees associated with this communication or credit any overpayment to 8. DEPOSIT ACCOUNT NO. 13-3402		
DO NOT USE THIS SPACE				
9. Statement and Signa	ture.			

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.

Tracy A. Luke

May 24, 2000

Legal Assistant for Applicant(s)

Date

Total number of pages including cover sheet, attachments and documents: 4

Attorney Docket # MERCK-1966

PATENT

8

06/16/2000 DMGUYEN 00000181 09242445 REEL: 010853 FRAME: 0885 09/040/0

03/06/2000 DCDATES 00000055 09292952

01 FC:581

IN THE UNITED STA R E C O R 1

03-09-2000

<u>PFICE</u>



101286054

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

1. Name of conveying party(ies):	2. Name and address of receiving party(ies):	
Berthold NIES FEB 0 8 2000 No additional names attached 3. Nature of Conveyance:	Merck Patent Gesellschaft mit beschränkter Haftung Darmstadt, Germany	
■ assignment □ merger	No additional names(s) or address(es) attached ■	
□ security agreement □ change of name		
□ other		
EXECUTION DATE: January 25, 1999		
4. Application number(s) or patent number(s): THIS DOCUMENT IS NOT BEING FILED WIT	TH A NEW APPLICATION.	
A. Patent Application Number(s) 09/292,952	B. Patent Number(s)	
5. Name and address of party to whom correspondence concerning document should be mailed: Name: MILLEN, WHITE, ZELANO & BRANIGAN, P.C. Address: Arlington Court Plaza I Suite 1400 2200 Clarendon BLVD. Arlington, VA 22201	6. Total number of applications and patents involved: 1 7. Total fee (37CFR 3.41) \$40.00 ■ Check enclosed ■ Charge any deficiencies in the payment of fees associated with this communication or credit any overpayment to 8. DEPOSIT ACCOUNT NO. 13-3402	
DO NOT USE THIS SPACE		
9. Statement and Signature. To the best of my knowledge and bel	ief, the foregoing information is true	
and correct and any attached copy is	a true copy of the original document.	
Tracy A. Luke Legal Assistant for Applicant(s) Signat	Tebruary 8, 2000 Date	
 ♦ Total number of pages including cover sheet, a ♦ Attorney Docket # <u>MERCK-1966</u> 	ttachments and documents: 2	

PATENT

REEL: 010853 FRAME: 0886

WHEREAS the below named inventor (if only one inventor is named below) or inventors (if plural inventors are named below) hereinafter referred to as the ASSIGNOR invented a certain improvement relating to

PROCESS FOR PRODUCING BONE CEMENT CONTAINING ACTIVE SUBSTANCES

	for which an application for Letters Patent to be filed in the United States Patent and Trademark Office was executed on even date.				
X Þ	for which U.S. Application Scrial No. 09/242, 445 for Letters Patent was filed in the U.S. Patent and Trademark Office on				
	February 17, 1999				
8	for which an International Application was filed on 13 August 1997 as PCT/EP97/04434 , designating the United States.				
	AND WHEREAS Merck Patent Gesellschaft mit beschränkter Haftung Frankfurter Strasse 250 D-64293 Darmstadt Germany				

hereinafter referred to as the ASSIGNEE, is desirous of acquiring the entire right, title, and interest in and to said invention and application, including any and all divisions and communions thereof, and any and all Letters Patent which may be granted thereon, including any and all

including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, reexaminations and extensions thereof.

NOW, WITNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, ASSIGNOR hereby assigns, sells, and traosfers to ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, and in and to any and all priority and/or convention rights or benefits accruing or to accrue with respect to the filing or securing of patents in the United States and/or any countries foreign thereto, SAID ASSIGNEE, its assigns and legal representatives to have, hold, exercise, and enjoy said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, reexaminations and extensions thereof, for the use and benefit of ASSIGNEE and its assigns and legal representatives, in as ample and benefit a manner to all intents and purposes as the ASSIGNOR might or could have held and enjoyed the same, if the assignment had not been made. ASSIGNOR might or could have held and enjoyed the same, if the assignment had not been made.

AND ASSIGNOR might or could have held and enjoyed the same, it the assignment had not occur made.

AND ASSIGNOR hereby agrees to execute all papers that may be necessary to file applications in the United States and foreign countries for said invention and to assign the same to said ASSIGNEE, its assigns and legal representatives and to execute any other papers that may be needed in connection with filing said applications and securing Letters Patents thereon.

AND ASSIGNOR authorizes and requests the Commissioner of Patents and Trademarks to issue a Letters Patent on said application, and on any and all divisions and continuations thereof, to ASSIGNEE, its assigns and legal representatives, in accordance herewith.

The undersigned hereby grant(s) the law firm of Millen, White, Zelano & Branigan, P.C. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for

identification 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.

IN TESTIMONY WHEREOF this assignment is executed by ASSIGNOR.

201	FULL NAME OF SOLS OR FIRST NAMED INVENTOR	INVENTOR'S SIGNATURE	DATE
	Berthold NIES	Beschold Van	25.01.1999
202	FULL NAME OF SECOND JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
203	full name of third joint inventor	INVENTOR'S SIGNATURE	DATE
304	full name of Fourth joint inventor	INVENTOR'S SIGNATURE	PATE
205	FULL NAME OF PIPTH SOINT INVENTOR.	INVENTOR'S SIGNATURE	DATE
206	FULL NAME OF SIXTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
207	Full name of Seventh Joint Inventor	INVENTOR'S SIGNATURE	DATE
208	FULL NAME OF EIGHTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
209	full name of ninth joint inventor	INVENTOR'S SIGNATURE	DATE
210	PULL NAME OF TENTH JOINT INVENTOR	inventor's signature	DATE
21.1	FULL NAME OF BLEVENTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
313	FULL NAME OF TWELFTH JOINT INVENTOR	DIVENTOR'S SIGNATURE	PATE

PATENT REEL: 010853 FRAME: 0887

RECORDED: 05/24/2000