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RECORDATION FOR	M COVER 03-12-2004				
OMB No. 0651-0027 (exp. 6/30/2005) W-29-W PATEN	TS ONI				
To the Honorable Commissioner of Patent and Tradema					
1. Name of conveying party(ies):	arks: Please 1 102692737 2. Name and address of receiving party(ies):				
Kai SCHIEMANN	ď.				
Henning BOETTCHER					
Joachim LEIBROCK	Name: MERCK PATENT GMBH				
	Internal Address:				
Additional name(s) of committee mate(t) at a large NV 57 NV					
Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No 3. Nature of Conveyance:					
5. Nature of Conveyance:					
⊠ Assignment ☐ Merger	Street Address: Frankfurter Strasse 250				
☐ Security Agreement ☐ Change of Name					
☐ Other	City: Darmstadt State: Germany Zip:64293				
Execution Date: 8/26/2003					
	Í				
A Application number(a) or notant number(a)	No additional names(s) or address(es) attached Yes No				
4. Application number(s) or patent number(s): If this document is being filed together with a new application	n the execution date of the conficution in 0/2//2002				
B A Patent Application No.(c) A	B. Patent No.(s)				
10476306					
Additional numbers attacl	ned? 🗌 Yes 🔀 No				
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved: 1				
concerning document should be mailed:	7. Total fee (37CFR 3.41) \$40.00				
Name: MILLEN, WHITE, ZELANO	5 7				
& BRANIGAN, P.C.	Enclosed Authorized to be charged to deposit account				
Address: Arlington Court Plaza I					
Suite 1400	8. DEPOSIT ACCOUNT NO. 13-3402				
2200 Clarendon BLVD. Arlington, VA 22201	(Attach duplicate copies of this page if paying by deposit account)				
	E THIS SPACE				
9. Statement and Signature.					
To the best of my knowledge and helie	f, the foregoing information is to				
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.					
Anthony J. Zelano	29 OCTOBER 2003				
Names of Person Signing Signature Date					
Total number of pages including cover sheet, attachments, and docur	ments 2				
thomas Dadrot No MEDOV 2770					

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PATENT REEL: 015052 FRAME: 0226

ASSIGNMENT

ATTY, DOCKET NO .:

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

				5-E)indole derivatives as nicotinic acetylchol s serotonergic ligands	ine receptor	
	TT	ganus	and/or	seroconergic rigands		
		for which	ich an application for Letters Patent to be filed in the United States Patent and Trademark Office was executed on even date. ich U.S. Application Serial No for Letters Patent was filed in the U.S. Patent and Trademark Office			
X		for which an International Application was filed on 5 April 2002 as PCT/EP02/03784. designating the United States				
		AND WI	HEREAS	MERCK PATENTGESELLSCHAFT MIT BESCHRÄNKTER HAFTUNG		
				Darmstadt, Germany		

hereinafter referred to as the ASSIGNEE, is desirous of acquaring the entire 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 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 transfers to ASSIGNEE, its assigns and legal representives, 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 conventions 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 Letter Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, with all the rights, powers, privilegs 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 extension thereof, for the use and benefit of ASSIGNEE and its assigns and legal representatives, in as simple and benefical 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.

AND ASSIGNOR hereby agrees to executed 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 executed 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 recordation of this document.

IN TESTIMONY THEREOF this assignment os executed by ASSIGNOR

201 FULL NAME OF SOLE INVENTOR OF FIRST NAMED INVENTOR	INVENTOR'S SIGNATURE	DATE
Kai Schiemann	Mai Mu	26 August 2003
202 FULL NAME OF SECOND JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
Henning Böttcher	H-i FAUS	26 August 2003
203 FULL NAME OF THIRD JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
Joachim Leibrock	Joadin Lubrows	26 August 2003
204 FULL NAME OF FOURTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
205 FULL NAME OF FIFTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
206 FULL NAME OF SIXTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
207 FULL MAME OF GENERATH LODIT BUILDING		
207 FULL NAME OF SEVENTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
208 FULL NAME OF EIGHTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
200 TODD WARD OF EIGHTH JOHN INVENTOR	INVENTOR'S SIGNATURE	DATE
209 FULL NAME OF NINETH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
237 2 SEE TAINE ST THINE THE STATE OF THE ST	INVENTORS SIGNATURE	DATE
210 FULL NAME OF TENTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
211 FULL NAME OF ELEVENTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
212 FULL NAME OF TWELFTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
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PATENT REEL: 015052 FRAME: 0227

RECORDED: 10/29/2003