DT09 Rec'd PCT/PT0 1 1 AUG 2005 10/545168

AID 581.40 Form **PTO-159**5 03-02-2006 I.S. DEPARTMENT OF COMMERCE RECOR U.S. Patent and Trademark Office (Rev. 10/02) OMB No. 0651-0027 (exp. 6/30/2005) 103188466 .ched documents or copy thereof. To the Honorable Commissioner of Pa. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): WIESNER, Matthias NEFF, Bernd Name: Merck Patent GmbH **Street Address:** 10/545168 Additional name(s) of conveying party(ies) attached? 🔲 Yes 🛛 No 3. Nature of Conveyance: City: Darmstadt State: Germany Zip:64271 **⊠** Assignment ☐ Change of Name ☐ Security Agreement Other Execution Date: 06/28/2005 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: 06/28/2005 B. Patent No.(s) A. Patent Application No.(s) Additional numbers attached? Yes No 6. Total number of applications and patents involved: 1 5. Name and address of party to whom correspondence concerning document should be mailed: 7. Total fee (37CFR 3.41) MILLEN, WHITE, ZELANO Name: □ Enclosed & BRANIGAN, P.C. Authorized to be charged to deposit account Address: Arlington Court Plaza I 8. DEPOSIT ACCOUNT NO. 13-3402 **Suite 1400** 2200 Clarendon BLVD. (Attach duplicate copies of this page if paying by deposit account) Arlington, VA 22201 DO NOT USE THIS SPACE 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. August 11, 2005 Anthony J. Zelano Date Names of Person Signing 08/18/**3**05 GFREY1 00000062 10545168 04 FC:4021 40.00 OP

Attorney Docket No. MERCK-3052

Total number of pages including cover sheet, attachments, and documents 2

ASSIGNMENT

ATTY. DOCKET NO .:

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(s) relating to

	METHOD FOR THE PROCUDTION OF BICYCLIC AROMATIC AMINO ACIDS AND INTERMEDIATE PRODUCTS THEREOF for which an application for Letters Patent to be filed in the United States Patent and Trademark Office was executed on even date.
	for which U.S. Application Serial No. for Letters Patent was filed in the U.S. Patent and Trademark Office on
\boxtimes	for which an International Application was filed on PCT/EP2004/00@210 ,designating the United States.
	AND WHEREAS MERCK PATENT GESELLSCHAFT MIT BESCHRÄNKTER HAFTUNG 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(s), including any and all earlier priority rights (U.S. and foreign), 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 representatives, the entire and exclusive right, title and interest in and to said invention and application(s), 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 U.S. (including provisional) or foreign 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 concerning said invention, SAID ASSIGNEE, its assigns and legal representatives to have, hold, exercise, and enjoy said invention and application, including any and all earlier priority rights (U.S. and foreign), 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 beneficial 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 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 recordation of this document.

IN TESTIMONY WHEREOF this assignment is executed by ASSIGNOR

201 FULL NAME OF SOLE OR FIRST NAMED INVENTOR	INVENTOR'S SIGNATURE	DATE
WIESNER, Matthias	1 St St S Wash	28.06.2005
202 FULL NAME OF SECOND JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
NEFF, Bernd	Send Clay	28.06.2005
203 FULL NAME OF THIRD JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
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 NAME OF SEVENTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
208 FULL NAME OF EIGHTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
20% FULL NAME OF NINTILIOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
210 FULL NAME OF TENTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE

PATENT REEL: 017611 FRAME: 0715

RECORDED: 08/11/2005