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FORM PTO-1595 REC (Rev. 6-93) !!-!8-		2003		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
OMB No. 0651-0011 (exp. 4/94				4-30923A/USN
To the Honorable Commissioner of	102603	3121		ched original documents or copy thereof.
1. Name of conveying party(ies): //-//		Name and address of receiving party(ies) Name: Novartis AG		
Edwin Bernard Villhauer		Inter	nal Address:	
Additional name(s) of conveying party(ies) attached? Yes No Nature of conveyance:				
☐ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other Please correct the Notice of Recordation of Assignment. Under Assignee, the address lists the country incorrectly. The countryshould read: Switzerland not Sweden. The Assignment appears on Reel/Frame		Street Address: Lichtstrasse 35 City: Basel State: Switzerland ZIP: 4056 Additional name(s) & address(es) attached?		
Execution Date: July 19, 2000				
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)		₿.	Patent No.(s	e application is: ORS
09/619,506			`	S) = ==================================
Additi	ional numbers atta	ched?	l Yes ⊠	No
Name and address of party to whom corr concerning document should be mailed:				applications and patents involved: 1
Name: Thomas Hoxie		7. Total	fee (37 CFF	₹ 3.41) \$
Internal Address: Novartis			Enclosed	
Corporate Intellectual Pr				to be charged to deposit account and any onal fees required.
Street Address: One Health Plaza, Building 430 City: East Hanover State: NJ ZIP: 07936-1080			osit account 19-0134 (in t	number: he name of Novartis)
Only. <u>Last Harrover</u> Clate. <u>140</u> Lin . <u>070</u>				y of this page if paying by deposit account)
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 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. 				
Joseph J. Borovian Name of Person Signing Reg. No. 26,631	- fragel	Signature	un	November 7, 2003 Date
Total number of pages including cover sheet, attachments, and document: 5				

Mail documents to be recorded with required cover sheet information to:
Director of the US Patent an Trademark Office, PO Box 1450
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PATENT REEL: 014691 FRAME: 0502 FORM PTO-1595 U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office (Rev. 6-93) 4-30923A OMB No. 0651-0011 (exp. 4/94 lease record the attached original documents or copy thereof. To the Honorable Commissioner of F 1. Name of conveying party(ies): 2. Name and address of receiving party(ies) Edwin Bernard Villhauer Name: Novartis AG Internal Address: Additional name(s) of conveying party(ies) attached?

Yes

No 3. Nature of conveyance: ☐ Merger Street Address: Lichtstrasse 35 ☐ Change of Name ☐ Security Agreement City: Basel State: Switzerland ZIP Other ☐ Yes **⊠** No Execution Date: July 19, 2000 Additional name(s) & address(es) attached? 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) Patent No.(s) 09/619.506 Additional numbers attached?

Yes

No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Thomas Hoxie 7. Total fee (37 CFR 3.41) 40 Name: Internal Address: Novartis Enclosed Authorized to be charged to deposit account and any Corporate Intellectual Property other additional fees required. Street Address: One Health Plaza, Building 430 8. Deposit account number: East Hanover State: NJ ZIP: 07936-1080 19-0134 (in the name of Novartis) (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE GTON11

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40.00 CH 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.

Joseph J. Borovian

Name of Person Signing Reg. No. 26,631

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

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ASSIGNMENT

Edwin Bernard Villhauer

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residing at

27 Dorothy Drive Morristown, New Jersey 07960,

for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, do hereby sell and assign to **Novartis AG**, a company organized under the laws of the Swiss Confederation, having a place of business at Schwarzwaldallee 215, Basel, Switzerland 4058, its successors, assigns and legal representatives, all my right, title and interest, which includes the right to and full benefit of such priorities as may now or hereafter be granted tome by local laws or by treaty, including any international convention for the protection of industrial property, in and for the United States and its territories and possessions in and to the invention entitled:

N-(SUBSTITUTED GLYCYL)-PYRROLIDINES, PHARMACEUTICAL COMPOSITIONS CONTAINING THEM AND THEIR USE IN INHIBITING DIPEPTIDYL PEPTIDASE-IV

invented by me and described in the application for United States Letters Patent executed on even date herewith including (1) said application for United States Letters Patent and all continuations and divisions thereof (including further continuations and divisions such as, but not limited to, continuations of continuations and divisions of continuations), (2) all United States Letters Patent which may be issued and/or granted on all such applications, (3) all applications for reissues and extensions of and reexamination certificates for all such United States Letters Patent and (4) all reissues and extensions and reexamination certificates issued for all such United States Letters Patent, the said interest being the entire ownership of said invention and all of said applications, United States Letters Patent (including reissue Letters Patent), extensions and reexamination certificates to be held and enjoyed by the said Novartis AG and its successors and assigns to the full end of the terms to which said United States Letters Patent (including reissue Letters Patent), extensions and reexamination certificates may be granted and/or issued, as fully and entirely as the same would have been held and enjoyed by me if this sale, assignment and transfer had not been made;

1

PATENT REEL: 014691 FRAME: 0504 And I hereby agree to sign and/or execute any further documents and/or instruments which may be necessary, lawful and proper in and/or for the filing and/or prosecution of said applications for United States Letters Patent (including reissue Letters Patent), extensions and reexamination certificates and/or the granting and/or issuance thereof and/or to otherwise secure title to said invention and all of said applications, United States Letters Patent (including reissue Letters Patent), extensions and reexamination certificates in said assignee.

Signed this 19th day of July, 2000

Edwin Bernard Villhauer

Ellew Demont Vallham