To the Honorable Commissioner of Patents and Trademarks

1. Name of conveying party(ies):
   Edwin Bernard Villhauer

Additional name(s) of conveying party(ies) attached? ☑ Yes ☐ No

3. Nature of conveyance:
   ☑ Assignment
   ☐ Security Agreement
   ☐ Merger
   ☐ Change of Name
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Please correct the Notice of Recordation of Assignment. Under Assignee, the address lists the country incorrectly. The country should read: Switzerland, not Sweden. The Assignment appears on Reel/Frame 01404/0365.

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)
      09/619,506

      Additional numbers attached? ☑ Yes ☐ No

5. Name and address of party to whom correspondence concerning document should be mailed:
   Name: Thomas Hoxie
   Internal Address: Novartis
   Corporate Intellectual Property
   Street Address: One Health Plaza, Building 430
   City: East Hanover_ State: NJ ZIP: 07936-1080

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41)
   ☐ Enclosed
   ❑ Authorized to be charged to deposit account and any other additional fees required

8. Deposit account number:
   19-0134 (in the name of Novartis)
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   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
   Signature
   November 7, 2003
   Date

Mail documents to be recorded with required cover sheet information to:
Director of the US Patent and Trademark Office, PO Box 1450
Alexandria, VA 22313-1450
1. Name of conveying party(ies):
   Edwin Bernard Villhauer

2. Name and address of receiving party(ies)
   Name: Novartis AG
   Internal Address:

   Street Address: Lichtstrasse 35
   City: Basel  State: Switzerland  ZIP: 4056

3. Nature of conveyance:
   - [ ] Assignment
   - [ ] Merger
   - [ ] Security Agreement
   - [ ] Change of Name
   - [ ] Other
   Execution Date: July 19, 2000

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      09/619,506
   B. Patent No.(s)

   Additional numbers attached?
   - [ ] Yes
   - [x] No

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   City: East Hanover  State: NJ  ZIP: 07936-1080

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7. Total fee (37 CFR 3.41) $40
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   [Signature]
   Joseph J. Borovian
   Name of Person Signing
   Reg. No. 26,631

   [Signature]
   Date: May 7, 2003

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PATENT
REEL: 014691 FRAME: 0503
ASSIGNMENT

I,

Edwin Bernard Villhauer 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;
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 by Edwin Bernard Villhauer