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To the Honorable Commissioner of Patents and Trademarks, please receive the attached original documents or copy thereof.

1. Name of conveying party(ies):  
Walter Schuler, Hendrik J. Schuurman, Gisbert  
Weckbecker and Hans-Günter Zerwes

3.7.02

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

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
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Execution Date: \_\_\_\_\_

2. Name and address of receiving party(ies)

Name: Novartis AG

Internal Address: \_\_\_\_\_

Street Address: Schwarzwaldallee 215

City: Basel State: Switzerland ZIP: 4058

Additional name(s) & address(es) attached?  Yes  No

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FINANCE SECTION

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)

09/712,359

B. Patent No.(s)

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 Corporation

Patent and Trademark Dept.

Street Address: 564 Morris Avenue

City: Summit State: NJ ZIP: 07901-1027

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40

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 Corporation)

(Attach duplicate copy of this page if paying by deposit account)

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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.

Thomas R. Savitsky

Name of Person Signing  
Reg. No. 31,661

Thomas R. Savitsky  
Signature

March 7, 2002  
Date

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Total number of pages including cover sheet, attachments, and document: 2

Mail documents to be recorded with required cover sheet information to:  
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03/22/2002 TDIAZ1 00000174 190134 09712359  
01 FC:581 40.00 CH

ASSIGNMENT

I / We **Walter SCHULER, Rheinstrasse 21, 79639 Grenzach-Wyhlen, Germany**  
**Hendrik J. SCHUURMAN, Breisacherstrasse 22, 4057 Basel, Switzerland**  
**Gisbert WECKBECKER, Löliring 31, 4105 Biel-Benken, Switzerland**  
**Hans-Günter ZERWES, Holzgasse 55, 79539 Lörrach, Germany**

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, of Schwarzwaldallee 215, 4058 Basel, Switzerland**, its successors, assigns and legal representatives all my/our right, title and interest, in and for the United States of America, in and to the invention entitled:

**Use of Rapamycin Derivatives in Vasculopathies and Xenotransplantation**

invented by me/us and described in the international application

No. **PCT/EP97/011548** filed **27.03.97**

and all United States Letters Patent which may be granted therefor, and all divisions, reissues, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by the said **Novartis AG**, its successors, assigns or other legal representatives, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me/us if this assignment and sale had not been made;

And I/we hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to the said **Novartis AG**.

Signed on

*Walter Schuler*

*July 29, 1998*

**Walter SCHULER**

*Hendrik J. Schuurman*

*July 29, 1998*

**Hendrik J. SCHUURMAN**

*Gisbert Weckbecker*

*July 29, 1998*

**Gisbert WECKBECKER**

*Hans-Günter Zerwes*

*July 29, 1998*

**Hans-Günter ZERWES**