

OMB No. 0651-0011 (exp. 4/94)

# PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

SyStemix, Inc.

2. Name and address of receiving party(ies)

Name: Novartis AG

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

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

3. Nature of conveyance:

Assignment

Merger

Security Agreement

Change of Name

Other \_\_\_\_\_

Street Address: Lichtstrasse 35

City: Basel State: Switzerland ZIP: 4058

Execution Date: January 24, 2003

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

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)

U.S. 08/112,603, filed August 26, 1993

B. Patent No.(s)

5,681,559, issued October 28, 1997

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, Bldg. 430

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

6. Total number of applications and patents involved: 2

7. Total fee (37 CFR 3.41) \$ 80

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.

J. Timothy Meigs

Name of Person Signing  
Reg. No. 38,241

  
Signature

January 24, 2003

Date

Certificate of mailing on reverse side

Total number of pages including cover sheet, attachments, and document: 3

Mall documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

700023099

PATENT  
REEL: 013380 FRAME: 0562

## ASSIGNMENT

SyStemix, Inc., a corporation organized under the laws of the State of Delaware, with a principal business address of 9 West Watkins Mill Road, Gaithersburg, Maryland 20878, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, does hereby assign to **NOVARTIS AG**, a corporation organized under the laws of the Swiss Confederation, with a principal business address of Lichtstrasse 35, CH-4056, Basel, Switzerland, (hereinafter Assignee), its successors, assigns and legal representatives, all its right, title and interest, which includes the right to and full benefit of such priorities as may now or hereafter be granted to it by local laws or by treaty, including any international convention for the protection of industrial property, in and for all countries of the world, including the United States and its territories and possessions, in and to the invention described in the following:

U.S. Application No. 08/112,603, filed August 26, 1993; and  
U.S. Application No. 08/474,208, filed June 6, 1995 and issued as U.S.  
Patent 5,681,559 on October 28, 1997

and in and to all Convention and Treaty rights of all kinds, in all countries throughout the world, for all such subject matter, including the right to claim for any such foreign applications and U.S. applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise, and, and in and to, all Letters Patent to be obtained for said subject matter by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(b) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent.

SyStemix, Inc. agrees to do all acts and sign all documents necessary to secure, defend and maintain all said Letters Patent and rights, including any continuations, divisionals, reissues, renewals and extensions, and request issuance of all said Letters Patent to the above Assignee in accordance with this assignment.

SYSTEMIX, INC.

Dated: 1-24-03

By David Langham  
David Langham  
Executive Director of Finance

STATE OF MARYLAND )  
 ) SS:  
COUNTY OF MONTGOMERY )

On January 24, 2003, before me, the undersigned, a Notary Public in and for the State of Maryland, personally appeared David Langham personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity and that by his signature on the instrument the person or the entity upon behalf of which the person acted executed the instrument.

WITNESS my hand and official seal.

Glenn Russell  
Notary Public

My Commission expires: 8/1/2006