FORM PTO-1619A Expir. 3 06/30/99 OMB 0651-0027



06-05-2002



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Mail documents to be recorded with required cover sheet(s) information to: Commissioner of Patents and Trademarks, Box Assignments , Washington, D.C. 20231

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PATENT REEL: 012937 FRAME: 0884

| FORM PTO-161<br>Expires 06/30/99<br>OMB 0651-0027   | 9B   | Page 2                                     | U.S. Department of Commerce Patent and Trademark Office PATENT             |  |  |  |  |
|---|--|--|--|--|--|--|--|
| Correspondent   | Name and Address                                 | Area Code and Telephone Number             | (703) 243-6333   |  |  |  |  |
| Name  | Millen, White, Zelano &                          | & Branigan, P.C.                           |  |  |  |  |  |
| Address (line 1)  | 2200 Clarendon Boule                             | vard                                       |  |  |  |  |  |
| Address (line 2)  | Suite 1400                                       |  |  |  |  |  |  |
| Address (line 3)  | Arlington, VA 22201                              |  |  |  |  |  |  |
| Address (line 4)  |  |  |  |  |  |  |  |
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| 5,397,344   | 5,991,649  | 09/034,351                                 |  |  |  |  |  |
| 5,958,878   | 5,906,987  | 10/043,232                                 |  |  |  |  |  |
| If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.   |  |  |  |  |  |  |  |
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| <u>only if</u> a  | U.S. Application<br>has not been                 | PCT PCT PCT                                | PCT  |  |  |  |  |
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| John A. Sopp  | <del> </del>                                     | Colle Del                                  | May 30, 2002   |  |  |  |  |
| Name of Perso   | on Signing                                       | Signature                                  | Date   |  |  |  |  |
|   | <del></del>                                      |  |  |  |  |  |  |

PATENT REEL: 012937 FRAME: 0885

## ASSIGNMENT

WHEREAS, Schering Aktiengesellschaft hereinafter referred to as the ASSIGNOR, is a coowner of the entire right, title and interest in and to the following United States Letters Patents and pending U.S. applications, the inventions covered thereby, the application(s) from which said Letters Patent issued and all U.S., Non-U.S and international treaty priority rights claimed therein or corresponding thereto:

Patent No. 5,397,344, in the name of Garfield et al. Assignment Recordation, Reel/Frame 006426/0765;

Patent No. 5,595,970, in the name of Garfield et al. Assignment Recordation, Reel/Frame 006945/0132

Patent No. 5,958,878, in the name of Garfield et al. Assignment Recordation, Reel/Frame 006945/0132

Patent No. 5,522,877, in the name of Garfield et al. Assignment Recordation, Reel/Frame 006426/0765;

Patent No. 5,991,649, in the name of Garfield et al. Assignment Recordation, Reel/Frame 006945/0132;

Patent No. 5,906,987, in the name of Chwalisz et al. Assignment Recordation, Reel/Frame 008675/0227;

Patent No. 6,040,340, in the name of Chwalisz et al. Assignment Recordation, Reel/Frame 008253/0990;

Serial No. 08/310,950, in the name of Garfield et al., Assignment Recordation, Reel/Frame 007323/0776;

Serial No. 09/034,351, in the name of Chwalisz et al., Assignment Recordation, Reel/Frame 009373/0834; and

Serial No. 09/644,866, in the name of Garfield et al., Assignment Recordation, Reel/Frame 006426/0765;

Serial No. 10/043,232, in the name of Chwalisz et al. Assignment Recordation, Reel/Frame 008253/0990

as well as all pending continuation, divisional and continuation-in-part applications claiming benefit of any of said patents or applications,

PATENT REEL: 012937 FRAME: 0886 by virtue of the above-recited, earlier recorded assignments in the United States Patent and Trademark Office.

AND WHEREAS, Board of Regents, The University of Texas System hereafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to said inventions, said Letters Patent including any and all renewals, ressues and prolongations thereof, including the right to sue under said Patents for infringement occurring herebefore, and all of said applications.

NOW, THIS 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, all of its right, title and interest in and to said inventions, said Letters Patent including any and all renewals, reissues and prolongations thereof, including the right to sue under said Patents for infringement occurring herebefore, and all of said applications, ASSIGNEE and its assigns and legal representatives to have, hold, exercise, and enjoy said inventions and Letters Patent, including any and all renewals, reissues, and prolongations thereof and applications, with all the rights, powers, privileges, and advantages in anywise arising from or appertaining thereto, for and during the term or terms of said Letters Patent and any future patents issuing from said application, including any and all renewals, reissues, and prolongations 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.

Schering Aktiengesellschaft

| Date: | May 8, 2002 | SCHERING AKTIENGE<br>ppa. | ESELLSCHAFT |
|-------|-------------|---------------------------|-------------|
|       |             | Dr. Klose<br>Name:        | Ulrich      |

PATENT
RECORDED: 05/30/2002 REEL: 012937 FRAME: 0887

Title: