| To the Director of the U.S. Paterns and I rademark Office. Please record the attached documents or the new address(es) below.  1. Name of conveying party(iee): Woltgang Demmer Dietmar Nussbaumer Hans-Heinrich Horl  Additional name of conveying party(ies) attached? □ Yes □ No  3. Nature of conveyance: Execution Date(e): 17 Nov 2004 and 18 Nov 2004 □ Assignment □ Merger □ Security Agreement □ Change of Name □ Government Interest Assignment □ Executive Order 4924, Confirmatory License □ Other □ Additional number(s) or patent number(s): A Patent Application No.(s)  Additional numbers attached? □ Yes □ No  5. Name and address of party to whom correspondence concerning this document should be mailed: Name: Dennis E. Stenzel  This document is being filed together with a new application of pages in the page of the page  | Fo.F VTO-1595 (Rev. 08/05) OMB No. 0651-0027 (exp. 6/30/2005)  | U.S. Department of Coll   |  |
|---|--|---|--|
| 1. Name of conveying party(les): Wolgang Dammer Debrims Nussbaumer Hans-Heinrich Horl  Additional name of conveying party(les) attached?   Yes   No  Name: Sartorius AG Internal Address:  Street Address: Weender Landstrasse 94-108  Street Address: Address: Weender Landstrasse 94-108  Street Address: Street Address: Weender Landstrasse 94-108  Street Address: Address: Weender Landstrasse 94-108  Street Address: Weender Landstrasse 94-108  Street Address: Weender Landstrasse 94-108  Street Address: Address: Weender Landstrasse 94-108  Street Address: Address: Address: Weender Landstrasse 94-108  Street Address: Address: Address: Address: Weender Landstrasse 94-108  Street Address:   |  | SHEET   |  |
| 1. Name of conveying party(les): Wolgang Dammer Debrims Nussbaumer Hans-Heinrich Horl  Additional name of conveying party(les) attached?   Yes   No  Name: Sartorius AG Internal Address:  Street Address: Weender Landstrasse 94-108  Street Address: Address: Weender Landstrasse 94-108  Street Address: Street Address: Weender Landstrasse 94-108  Street Address: Address: Weender Landstrasse 94-108  Street Address: Weender Landstrasse 94-108  Street Address: Weender Landstrasse 94-108  Street Address: Address: Weender Landstrasse 94-108  Street Address: Address: Address: Weender Landstrasse 94-108  Street Address: Address: Address: Address: Weender Landstrasse 94-108  Street Address:   | ·· <del>····</del>   |   |  |
| Voligang Demmer   Hans-Heinrich Horl  | To the Director of the U.S. Paterus and Trademark Office: Please record the attached documents or the new address(es) below. |   |  |
| Hans-Heinrich Hori  Additional name of conveying party(ies) attached?   Yes   No  3. Nature of conveyance: Execution Date(s) 17 Nov 2004 and 18 Nov 2004    Assignment   Merger   City:   Security Agreement   Change of Name   State: Göttingen     Government Interest Assignment   Country: GERMANY   Zip: D-37075     Other   Additional Name(s) & address(es) attached?   Yes   Additional numbers attached?   Yes   No  5. Name and address of party to whom correspondence concerning this document should be mailed:   Name   Dennis E. Stenzel   Total number of applications and patents involved: 1   Total fee (37 CFR 1.21(h) & 3.41)   \$40     Authorized to be charged by credit card   Authorized to be charged by credit card   Authorized to be charged by credit card   Authorized to be charged to deposit account   Enclosed   None required (government interest not affecting titl   None required (government interest not affecting titl   Stenzel   Dete   Stenzel   Lies 4 Numbers   Expiration Date   Ex |  | 2. Name and address of receiving party(ies)   |  |
| Additional name of conveying party(ies) attached?   Yes   No  3. Nature of conveyance: Execution Date(s) 17 Nov 2004 and 18 Nov 2004    Assignment   Merger   City:   Security Agreement   Change of Name   State: Göttingen   Government Interest Assignment   Country: GERMANY   Zip: D-37075     Additional Name(s) & address(es) attached?   Yes   Additional Name(s) & address(es) attached?   Yes   Additional Name(s) & address(es) attached?   Yes   Additional numbers attached?   Yes   No  4. Application number(s) or patent number(s):   A Patent Application No.(s)   B. Patent No.(s)    Additional numbers attached?   Yes   No   S. Name and address of party to whom correspondence concerning this document should be mailed:   Name: Dennis E. Stenzel   T. Total number of applications and patents involved: 1     T. Total fee (37 CFR 1.21(h) & 3.41)   \$ 40     Authorized to be charged by credit card   Authorized to |  | Name: Sartorius AG  |  |
| 3. Nature of conveyance: Execution Date(s) 17 Nov 2004 and 18 Nov 2004    Assignment  |  | Internal Address:   |  |
| Execution Date(s) 17 Nov 2004 and 18 Nov 2004    Assignment   | Additional name of conveying party(ies) attached?   Yes   N  | 10 8374   |  |
| Security Agreement  |  | Street Address: Weender Landstrasse 94-108  |  |
| Security Agreement   Change of Name   State: Göttingen     Government Interest Assignment   Country: GERMANY   Zip_D-37075     Other   Additional Name(s) & address(es) attached?   Yes ⊠     A. Application number(s) or patent number(s):   This document is being filed together with a new applicate     A. Patent Application No.(s)   B. Patent No.(s)     Additional numbers attached?   Yes ⊠ No     S. Name and address of party to whom correspondence concerning this document should be malled:     Name: Dennis E. Stenzel   |  | City:   |  |
| Country: GERMANY Zip: D-37075  Additional Name(s) & address(es) attached? ☐ Yes ☒  4. Application number(s) or patent number(s): ☐ This document is being filed together with a new applicate B. Patent No.(s)  Additional numbers attached? ☐ Yes ☒ No  5. Name and address of party to whom correspondence concerning this document should be mailed:  Name: Dennis E. Stenzel ☐ Authorized to be charged by credit card ☐ Authorized to be charged to deposit account ☐ Repair None required (government interest not affecting tift ☐ State; OR ☐ Zip: 97204-3157 ☐ Authorized User Name Chernoff Vilhauer McCl & Stenzel LLP  9. Signature: ☐ Authorized User Name Chernoff Vilhauer McCl & Stenzel LLP  1. Total number of applications and patents involved: 1  2. Total fee (37 CFR 1.21(h) & 3.41) § 40  3. Payment Information ☐ Authorized to be charged to deposit account ☐ Authorized (government interest not affecting tift ☐ Stenzel ☐ Authorized User Name Chernoff Vilhauer McCl & Stenzel LLP  9. Signature ☐ Total number of pages including cover sheet attachments, and documents ☐ Decuments over sheet attachments, and documents ☐ Decuments over sheet should be faxed to 67/1 873-9140, or mailed to:   | ☐ Security Agreement ☐ Change of Name  |   |  |
| Additional Name(s) & address(es) attached?    4. Application number(s) or patent number(s):  A. Patent Application No.(s)  B. Patent No.(s)  6. Name and address of party to whom correspondence concerning this document should be mailed:  Name: Dennis E. Stenzel  Internal Address:    City: Portland  State: OR  | ☐ Government Interest Assignment   | State: Göttingen  |  |
| 4. Application number(s) or patent number(s):  A Patent Application No.(s)  Additional numbers attached?  Yes No  5. Name and address of party to whom correspondence concerning this document should be mailed:  Name: Dennis E. Stenzel  Internal Address:  | ☐ Executive Order 9424, Confirmatory License   | Country: GERMANY Zip: D-37075   |  |
| A. Patent Application No.(s)  Additional numbers attached?  Yes No  5. Name and address of party to whom correspondence concerning this document should be mailed:  Name: Dennis E. Stenzel   | ☐ Other  | Additional Name(s) & address(es) attached?   Yes   I  |  |
| Additional numbers attached?  Yes No  5. Name and address of party to whom correspondence concerning this document should be mailed:  Name: Dennis E. Stenzel   | 4. Application number(s) or patent number(s):  |   |  |
| 5. Name and address of party to whom correspondence concerning this document should be mailed:  Name: Dennis E. Stenzel  Internal Address:  | A. Patent Application No.(s)   | B. Patent No.(s)  |  |
| 5. Name and address of party to whom correspondence concerning this document should be mailed:  Name: Dennis E. Stenzel  Internal Address:  |  |   |  |
| 5. Name and address of party to whom correspondence concerning this document should be mailed:  Name: Dennis E. Stenzel  Internal Address:  |  |   |  |
| City: Portland   State; OR   Zip: 97204-3157   Say Number: (503) 228-4373   Say Number: (503) 228-4373   Signature   Signat     | Additional numbers a   | attached?  Yes  No  |  |
| Internal Address:    Authorized to be charged by credit card     Authorized to be charged to deposit account     Street Address: 601 SW Second Avenue, Ste 1600     Authorized to be charged to deposit account     Street Address: 601 SW Second Avenue, Ste 1600     Authorized to be charged to deposit account     Street Address: 601 SW Second Avenue, Ste 1600     Authorized to be charged to deposit account     Street Address: 601 SW Second Avenue, Ste 1600     Authorized to be charged to deposit account     Street Address: 601 SW Second Avenue, Ste 1600     None required (government interest not affecting titled)     State; OR  |  |   |  |
| Authorized to be charged to deposit account   Street Address: 601 SW Second Avenue, Ste 1600  | Name: Dennis E. Stenzel  | 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40  |  |
| Street Address: 601 SW Second Avenue, Ste 1600    State: OR   | Internal Address:  | ☐ Authorized to be charged by credit card   |  |
| None required (government interest not affecting title   City: Portland   |  | ☐ Authorized to be charged to deposit account   |  |
| City: Portland  State; OR  Phone Number: (503) 227-5631  Fax Number: (503) 228-4373  Email Address:  Dennis E. Stenzel  Name of Person Signing  Documents to De recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:   | Street Address: 601 SW Second Avenue, Ste 1600   | ⊠ Enclosed  |  |
| State; OR Zip: 97204-3157  Phone Number: (503) 227-5631  Fax Number: (503) 228-4373  Email Address;  Dennis E. Stenzel  Name of Person Signing  Documents to 56 recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:   | City: Portland   | None required (government interest not affecting title  |  |
| Phone Number: (503) 227-5631  Fax Number: (503) 228-4373  b. Deposit Account Number 03-1550  Email Address:  Authorized User Name Chernoff Vilhauer McCl  8 Stenzel, LLP  9. Signature:  Dennis E. Stenzel  Name of Person Signing  Documents to 05 recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:   |  | 8. Payment Information  |  |
| Fax Number: (503) 228-4373  b. Deposit Account Number 03-1550  Email Address:  Authorized User Name Chernoff Vilhauer McCl  8 Stenzel, LLP  9. Signature:  Dennis E. Stenzel  Name of Person Signing  Documents to be recorded (including cover sheet) should be faxed to (571) 273-0149, or mailed to:   |  |   |  |
| 9. Signature:  Dennis E. Stenzel  Name of Person Signing  Documents to 56 recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:   | Fax Number: _(503) 228-4373  |   |  |
| 9. Signature :    May 17   Co   | Email Address:   | Authorized User Name Chernoff Vilhauer McClu  |  |
| Signature  Dennis E. Stenzel  Total number of pages including cover sheet, attachments, and documents  Name of Person Signing  Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  |  |   |  |
| Dennis E. Stenzel  Total number of pages including cover sheet, attachments, and documents  Name of Person Signing  Documents to be recerded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:   | 9. Signature :   | May 17 '96  |  |
| Name of Person Signing  Documents to be recerded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:   |  | Total number of pages including cover   |  |
| Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450   |  |   |  |
| 1 O   | Documents to be recorded (including co<br>Mail Stop Assignment Recordation Services, Di                                      | ver sheet) should be faxed to (571) 273-0140, or mailed to:<br>irector of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450 |  |
| /A AA AR I  | 05 FC:8021 40.00 8P  |   |  |
| 05 FC:8021 40.00 8P   |  |   |  |

PATENT REEL: 017917 FRAME: 0852



## ASSIGNMENT

WHEREAS, we, Wolfgang Demmer, whose address is Obere Lindenbreite 11, D-37077 Göttingen, Germany; Dietmar Nussbaumer, wbose address is Im Tale 1, D-37079 Göttingen, Germany and Hans-Heinrich Hörl, whose address is Schönberger Weg 16, 37120 Boyenden, Germany, are the inventors of an invention entitled MEMBRANE, DEVICE AND METHOD FOR REMOVING PROTEASES FROM LIQUIDS, corresponding to DE 102 31 574.4 filed 11 July 2002 and PCT/EP2003/006366 filed 17 June 2003 for which on even date herewith we executed an application for a United States letters patent;

NOW, THEREFORE, in consideration of valuable consideration paid to us by SARTORIUS AG, a German company, whose primary address is Weender Landstrasse 94-108, D-37075 Göttingen, GERMANY, the receipt whereof is acknowledged, we do hereby assign unto the same the entire interest in said invention for the United States and all foreign countries and any letters patent to be issued therefor in the United States or any foreign country and any divisions, continuations, continuations in part, improvements, reissues or extensions that may be made or granted thereon.

AND the Commissioner of Patents and Trademarks is requested to issue such letters patent in accordance herewith. And we agree to execute further instruments proper for effectuating the premises.

| Executed on   | 17. be   | , 2004.                                |
|---------------|----------|--|
|               |          | Wolfgang Demmer                        |
| Executed on   | V. Nov.  | , 2004.                                |
|               |          | Qiehnon Malloman<br>Dietmar Nussbaumer |
| Executed on _ | 11. Nov. | , 2004.                                |
|               |          | Hans-Heinrich Hörl                     |

Page 1 of 1 - ASSIGNMENT

PATENT REEL: 017917 FRAME: 0853

RECORDED: 05/17/2006