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U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

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): 2. Name and address of receiving party(ies): Thomas Wandless, Kurt Vogel and Gregory Ray The Board of Trustees of the Leland Stanford Name: MRD Junior University 12/21/01 Internal Address: Additional name(s) of conveying party(ies) attached? ___ Yes X_No Street Address: 900 Welch Road, Suite 350 3. Nature of conveyance: X Assignment _ Merger City: Palo Alto, State: CA ZIP: 94304 Security Agreement Change of Name Other: Additional name(s) & address(es) attached? ___ Yes _X_ No Execution Date: 09/01/99, 08/28/99, 08/30/99 4. Application numbers(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: 07/17/1999 A. Patent Application No.(s) B. Patent No.(s) 10025936 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: __1 concerning document should be mailed: 7. Total fee (37 CFR 3.41): \$40.00 Name: Bret E. Field Enclosed Street Address: BOZICEVIC, FIELD, & FRANCIS LLP 200 Middlefield Road, Suite 200 X Authorized to be charged to deposit account Menlo Park, CA 94025 8. Deposit Account No. 50-0815 Telephone: (650) 327-3400 Facsimile: (650) 327-3231 The Commissioner is authorized to charge any underpayment or credit any overpayment to Deposit Account No. 50-0815 with 01/03/2002 GTDN11 00000049 500815 regards to this correspondence. 01 FC:581 40.00 CH DO NOT USE THIS SPACE 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. 12.20.01 Bret Field Name of Person Signing Total number of pages comprising cover sheet $\underline{4}$

Mail documents to be recorded with the required cover sheet information to:

Commissioner of Patents and Trademarks, Box Assignment

REEL: 012402 FRAME: 0386

Attorney Docket Number SUN-66P ASSIGNMENT OF APPLICATION First Named Inventor Roger Briesewitz (JOINT) Application Number 09/316,932 Filing Date May 21, 1999 Address to: Title Bifunctional Molecules and Therapies... Box Assignment Assistant Commissioner for Patents Group Art Unit 1646 Washington, D.C. 20231 Examiner Name Unassigned THIS ASSIGNMENT, by Thomas Wandless, Kurt Vogel and Gregory Ray (hereinafter referred to as the assignors), residing at Menlo Park, CA, Palo Alto, CA and Stanford, CA respectively, witnesseth: WHEREAS, the said assignors have invented certain new and useful improvements in Bifunctional Molecules and Therapies Based Thereon for which an application for a United States Patent was filed on May 21, 1999, Application No. 09/316,932. for which an application for a United States Patent was executed on and WHEREAS, The Board of Trustees of the Leland Stanford Junior University a corporation duly organized under and pursuant to the laws of California, and having its principal place of business at 900 Welch Road, Suite 350, Palo Alto, California 94304 (hereinafter referred to as the assignee) is desirous of acquiring the entire right, title and interest in and to said invention and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon: NOW THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient considerations, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto the assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned invention, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and behoof and the use and behoof of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made. AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignors are the sole and lawful owners of the entire right, title and interest in and to said invention and the application for Letters Patent above-mentioned, and that the same are unencumbered and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth. AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said invention, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said invention in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said invention, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns. AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said invention and the Letters Patent to be issued thereon for the sole use and behoof of said assignee, its successors, legal representatives and assigns. Date | LX Name of Inventor Name of Inventor _ Date_ Kurt Vogel

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Name of Inventor _

Gregory Ray

Attorney Docket Number SUN-66P ASSIGNMENT OF APPLICATION First Named Inventor Roger Briesewitz (JOINT) Application Number 09/316,932 Filing Date May 21, 1999 Address to: Box Assignment Title Bifunctional Molecules and Therapies.. Assistant Commissioner for Patents Group Art Unit 1646 Washington, D.C. 20231 **Examiner Name** Unassigned THIS ASSIGNMENT, by Thomas Wandless, Kurt Vogel and Gregory Ray (hereinafter referred to as the assignors), residing at Menlo Park, CA, Palo Alto, CA and Stanford, CA respectively, witnesseth: WHEREAS, the said assignors have invented certain new and useful improvements in Bifunctional Molecules and Therapies Based Thereon for which an application for a United States Patent was filed on May 21, 1999, Application No. 09/316,932. for which an application for a United States Patent was executed on , and WHEREAS, The Board of Trustees of the Leland Stanford Junior University a corporation duly organized under and pursuant to the laws of California, and having its principal place of business at 900 Welch Road, Suite 350, Palo Alto, California 94304 (hereinafter referred to as the assignee) is desirous of acquiring the entire right, title and interest in and to said invention and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon: NOW THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient considerations, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto the assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned invention, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignce, for its own use and behoof and the use and behoof of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made. AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignors are the sole and lawful owners of the entire right, title and interest in and to said invention and the application for Letters Patent above-mentioned, and that the same are unencumbered and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth. AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said invention, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said invention in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said invention, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns. AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said invention and the Letters Patent to be issued thereon for the sole use and behoof of said assignee, its successors, legal representatives and assigns. Name of Inventor Thomas Wandless Date 8/28/99 Name of Inventor

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Name of Inventor

Gregory Ray

Attorney Docket Number SUN-66P **ASSIGNMENT OF APPLICATION** First Named Inventor Roger Briesewitz (JOINT) Application Number 09/316,932 Filing Date May 21, 1999 Address to: Box Assignment Title Bifunctional Molecules and Therapies.. Assistant Commissioner for Patents Group Art Unit 1646 Washington, D.C. 20231 **Examiner Name** Unassigned THIS ASSIGNMENT, by Thomas Wandless, Kurt Vogel and Gregory Ray (hereinafter referred to as the assignors), residing at Menlo Park, CA, Palo Alto, CA and Stanford, CA respectively, witnesseth: WHEREAS, the said assignors have invented certain new and useful improvements in Bifunctional Molecules and Therapies Based Thereon for which an application for a United States Patent was filed on May 21, 1999, Application No. 09/316,932. for which an application for a United States Patent was executed on ____, and WHEREAS, The Board of Trustees of the Leland Stanford Junior University a corporation duly organized under and pursuant to the laws of California, and having its principal place of business at 900 Welch Road, Suite 350, Palo Alto, California 94304 (hereinafter referred to as the assignee) is desirous of acquiring the entire right, title and interest in and to said invention and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon: NOW THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient considerations, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto the assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned invention, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and behoof and the use and behoof of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made. AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignors are the sole and lawful owners of the entire right, title and interest in and to said invention and the application for Letters Patent above-mentioned, and that the same are unencumbered and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth. AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said invention, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said invention in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said invention, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns. AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said invention and the Letters Patent to be issued thereon for the sole use and behoof of said assignee, its successors, legal representatives and assigns. Date Name of Inventor ___ Name of Inventor Kurt Vogel

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7/30/99

Name of Inventor