

10-02-2002



DEPARTMENT OF COMMERCE

OFFICE OF **CORRECTE**

**102245613**  
PATENTS ONLY

**SHEET**

Patent and Trademark Office  
Docket No. 399632003300

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

1. Name of conveying party(ies):  
Alessandro Sette; Robert Chesnut; Brian D. Livingston; Denise Marie Baker; Mark J. Newman; David H. Brown

Individual(s)       Association  
 General Partnership       Limited Partnership  
 Corporation-State       Other

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

9-24-02

2. Name and address of receiving party(ies):

Name: Epimmune, Inc.  
Internal Address:  
Street Address: 5820 Nancy Ridge Drive  
City: San Diego, State: California ZIP: 92120

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

3. Nature of conveyance:

Assignment       Merger  
 Security Agreement       Change of Name  
 Other:

Execution Date: September 14, 2001; September 28, 2001; September 14, 2001; September 14, 2001; September 17, 2001; September 20, 2001; respectively

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)      B. Patent No.(s)  
09/894,018, filed June 27, 2001

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Bruce D. Grant  
Morrison & Foerster LLP  
3811 Valley Centre Drive  
Suite 500  
San Diego, California 92130-2332

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. § 3.41): \$40.00

Enclosed  
 Authorized to be charged to deposit account, referencing Attorney Docket 399632003300

8. Deposit account number: 03-1952

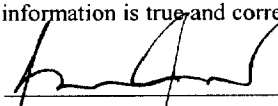
The Commissioner is hereby authorized to charge any fees under 37 C.F.R. § 1.21 that may be required by this paper, or to credit any overpayment to Deposit Account No. 03-1952.

**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.

Name: Bruce D. Grant  
Registration No: 47,608

  
Signature

9/17/02  
Date

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

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

10/01/2002 LNUELLER 00000284 031952 09894018  
01 FT:581 40.00 CH

U.S. Patent and Trademark Office  
Office of Public Records  
Box Assignments  
Crystal Gateway 4, Room 335  
Washington, D.C. 20231

sd-110158

**PATENT**  
**REEL: 013337 FRAME: 0417**

01-11-2002  
1019415JNLY

1-7-02

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

<p>1. Name of conveying party(ies): Alessandro Sette; Robert Chesnut; Brian D. Livingston; Mark J. Newman; David H. Brown</p> <p><input checked="" type="checkbox"/> Individual(s)      <input type="checkbox"/> Association  <input type="checkbox"/> General Partnership      <input type="checkbox"/> Limited Partnership  <input type="checkbox"/> Corporation-State      <input type="checkbox"/> Other</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: Epimmune, Inc.  Internal Address:  Street Address: 5820 Nancy Ridge Drive  City: San Diego, State: California ZIP: 92126</p> <p>Additional name(s) &amp; address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment      <input type="checkbox"/> Merger  <input type="checkbox"/> Security Agreement      <input type="checkbox"/> Change of Name  <input type="checkbox"/> Other:</p> <p>Execution Date: September 14, 2001; September 17, 2001; September 20, 2001; September 28, 2001</p>	

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<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Bruce D. Grant  Morrison &amp; Foerster LLP  3811 Valley Centre Drive  Suite 500  San Diego, California 92130-2332</p>	<p>6. Total number of applications and patents involved: 1</p> <p>7. Total fee (37 C.F.R. § 3.41): \$40.00</p> <p><input type="checkbox"/> Enclosed  <input checked="" type="checkbox"/> Authorized to be charged to deposit account, referencing Attorney Docket 399632003300</p> <p>8. Deposit account number: <u>03-1952</u></p>
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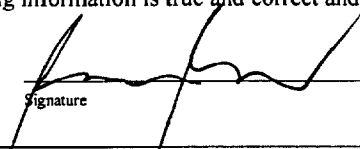
The Commissioner is hereby authorized to charge any fees under 37 C.F.R. § 1.21 that may be required by this paper, or to credit any overpayment to Deposit Account No. 03-1952.

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.

Name: Bruce D. Grant  
Registration No: 47,608

  
Signature

3 DECEMBER 2001  
Date

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

**Mail documents to be recorded with required cover sheet information to:**  
U.S. Patent and Trademark Office  
Office of Public Records  
Box Assignments  
Crystal Gateway 4, Room 335  
Washington, D.C. 20231

01/10/2002 6TON11    00000216 031952    09894018  
01 FC:581            40.00 CH

sd-68848

## ASSIGNMENT JOINT

THIS ASSIGNMENT, by Alessandro SETTE, Robert CHESNUT, Brian D. LIVINGSTON, Denise Marie BAKER, Mark J. NEWMAN, and David H. BROWN (hereinafter referred to as the assignors), residing at 5551 Linda Rosa Avenue, La Jolla, California 92037; 1473 Kings Cross Drive, Cardiff-by-the-Sea, California 92007; 13555 Chaco Court, San Diego, California 92129; 11575 Caminito La Bar #21, San Diego, California 92126; 6603A San Isabel Street, Carlsbad, California 92009; and 311 Fourth Avenue, Suite 207, San Diego, California 92101, respectively, witnesseth:

WHEREAS, said assignors have invented certain new and useful improvements in METHOD AND SYSTEM FOR OPTIMIZING MINIGENES AND PEPTIDES ENCODED THEREBY, set forth in an application for Letters Patent of the United States, bearing Serial No. 09/894,018 and filed on June 27, 2001; and

WHEREAS, Epimmune, Inc., a corporation duly organized under and pursuant to the laws of California and having its principal place of business at 5820 Nancy Ridge Drive, San Diego, California 92121 (hereinafter referred to as the assignee) is desirous of acquiring the entire right, title and interest in and to said inventions 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 consideration, 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 said assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, 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 the use 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 inventions 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 inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions 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 inventions, 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 inventions and the Letters Patent to be issued thereon for the sole use of said assignee, its successors, legal representatives and assigns.

9/14/01  
Date Alessandro Sette

9/17/01  
Date Dorothy J Whalley  
Witness

9-28-01  
Date Robert W Chesnut  
Robert Chesnut

9/28/01  
Date John C. Lue  
Witness

9/14/01  
Date Brian D. Livingston  
Brian D. Livingston

9/14/01  
Date Denise Marie Baker  
Witness

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Witness

9/17/01  
Date Mark J. Newman  
Mark J. Newman

9/17/01  
Date Dorothy J Whalley  
Witness

9/20/01  
Date David H. Brown  
David H. Brown

9/20/01  
Date Robin A. DeG  
Witness

COPY

**COPY****ASSIGNMENT  
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WHEREAS, said assignors have invented certain new and useful improvements in METHOD AND SYSTEM FOR OPTIMIZING MINIGENES AND PEPTIDES ENCODED THEREBY, set forth in an application for Letters Patent of the United States, bearing Serial No. 09/894,018 and filed on June 27, 2001; and

WHEREAS, Epimmune, Inc., a corporation duly organized under and pursuant to the laws of California and having its principal place of business at 5820 Nancy Ridge Drive, San Diego, California 92121 (hereinafter referred to as the assignee) is desirous of acquiring the entire right, title and interest in and to said inventions 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 consideration, 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 said assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, 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 the use 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.

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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 inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions 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 inventions, 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.

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COPY

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Date Witness John C. Lue

9/14/01  
Date Brian D. Livingston

9/14/01  
Date Witness [Signature]

9/14/01  
Date Denise Marie Baker

9/14/01  
Date Witness [Signature]

9/17/01  
Date Mark J. Newman

9/17/01  
Date Witness Dorothy J Whalley

9/20/01  
Date David H. Brown

9/20/01  
Date Witness Robin A. [Signature]