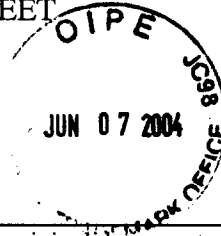


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Our Ref.: 117-455

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Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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

<p>1. Name of conveying party(ies): Christilyn P. GRAFF K. Dane WITTRUP</p> <p>Additional name/s of conveying party/ies attached? <input type="checkbox"/></p> <p>3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Assignment <input type="checkbox"/> Change of Name <input type="checkbox"/> Other</p> <p>Execution Date: <u>January 30, 2004 and January 29, 2004</u></p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: <u>Massachusetts Institute of Technology</u> Internal Address: Street Address: <u>77 Massachusetts Avenue</u></p> <p>City: <u>Cambridge</u> State/Country: <u>Massachusetts</u> Zip: <u>02139</u></p> <p>Additional name/s & address/es attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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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: _____

<p>A. Patent Application No(s). (1) <u>10/609,671</u></p>	<p>B. Patent No(s). (1)</p> <p>Additional numbers attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>Gary R. Tanigawa</u></p> <p>Internal Address: _____</p> <p>Street Address: <u>Nixon & Vanderhye P.C.</u> <u>1100 North Glebe Road</u> <u>8th Floor</u></p> <p>City: <u>Arlington</u> State: <u>VA</u> Zip: <u>22201</u></p>	<p>6. Total number of applications & patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41) \$ <u>40.00</u> <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account #14-1140</p> <p>8. The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our Account No. 14-1140.</p>
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9. Statements 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.

<p><u>Gary R. Tanigawa</u> Name of Person Signing Reg. No. 43,180</p>		<p><u>June 7, 2004</u> Date</p>
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Total number of pages including original cover sheet, attachments, and document: [3]

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ASSIGNMENT FOR PATENT APPLICATION
(U.S. Rights Only)

WHEREAS, Christilyn P. Graff and K. Dane Wittrup (hereinafter ASSIGNORS) have made an invention entitled "IMPROVED ANTIBODIES AGAINST TUMOR SURFACE ANTIGENS" for which a so-entitled application for Letters Patent was filed in the United States Patent and Trademark Office on July 1, 2003 under Serial No. 10/609,671;

WHEREAS, Massachusetts Institute of Technology (hereinafter ASSIGNEE), having an office and place of business at 77 Massachusetts Avenue, Cambridge, Massachusetts 02139, United States of America, is desirous of acquiring an interest therein;

NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNORS by these presents hereby sell, assign, and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNORS' entire right, title and interest in the United States of America as defined in 35 U.S.C. § 100, in and to the invention as described in the aforesaid application and to the said application and to all subsequent applications based thereon including any and all continuations, divisions, reissues, and substitutes of said application, and all resulting patents, and the ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns, and legal representatives.

ASSIGNORS hereby also agree to execute any papers by ASSIGNEE, its successors, assigns, and legal representatives, deemed essential to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

AGREED and executed as noted below:

(1) Christilyn Graff 1/30/04
Christilyn P. Graff Date

Andy Yang 1/30/04
Witnessed by: Date

(2) K. Dane Wittrup 1/29/04
K. Dane Wittrup Date

Andy Yang 1/29/04
Witnessed by: Date