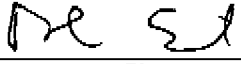


RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

<p>1. Name of conveying party(ies)</p> <p style="text-align: center;">Timothy R. Klein Stanley Rogers</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: <u>The United States of America as represented by the Secretary of the Air Force</u></p> <p>Internal Address: <u>AFMCLO/JAZ</u> <u>Bldg 11, Room 100</u></p> <p>Street Address: <u>2240 B Street</u></p> <p>City: <u>Wright-Patterson Air Force Base</u></p> <p>State: <u>Ohio</u></p> <p>Country: <u>U.S.A.</u> Zip: <u>45433-7109</u></p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of conveyance/Execution Date(s):</p> <p>Execution Date(s) <u>08/29/2006 and 08/30/2006</u></p> <p><input type="checkbox"/> Assignment <input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Joint Research Agreement</p> <p><input checked="" type="checkbox"/> Government Interest Assignment</p> <p><input type="checkbox"/> Executive Order 9424, Confirmatory License</p> <p><input type="checkbox"/> Other _____</p>	<p>4. Application or patent number(s): <input type="checkbox"/> This document is being filed together with a new application.</p> <p>A. Patent Application No.(s) _____</p> <p style="text-align: center;">11/518,741</p> <p>B. Patent No.(s) _____</p> <p style="text-align: center;">Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>5. Name and address to whom correspondence concerning document should be mailed:</p> <p>Name: <u>Fredric L. Sinder</u></p> <p>Internal Address: <u>AFMCLO/JAZ</u> <u>Bldg 11, Room 100</u></p> <p>Street Address: <u>2240 B Street</u></p> <p>City: <u>Wright-Patterson AFB</u></p> <p>State: <u>Ohio</u> Zip: <u>45433-7109</u></p> <p>Phone Number: <u>(937) 255-2838</u></p> <p>Fax Number: <u>(937) 255-3733</u></p> <p>Email Address: <u>fredric.sinder@wpafb.af.mil</u></p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 1.21(h) & 3.41) \$ <u>40.00</u></p> <p><input type="checkbox"/> Authorized to be charged by credit card</p> <p><input checked="" type="checkbox"/> Authorized to be charged to deposit account</p> <p><input type="checkbox"/> Enclosed</p> <p><input type="checkbox"/> None required (government interest not affecting title)</p> <p>8. Payment Information</p> <p>a. Credit card Last 4 Numbers _____</p> <p style="margin-left: 150px;">Expiration Date: _____</p> <p>b. Deposit Account Number <u>AF01-0465</u></p> <p style="margin-left: 50px;">Authorized User Name <u>Fredric L. Sinder</u></p>
<p>9. Signature: <u></u> <u>Sept 19, 2006</u></p> <p style="text-align: center;">Signature Date</p> <p style="text-align: center; margin-top: 20px;"><u>FREDRIC L. SINDER</u></p> <p style="text-align: center;">Name of Person Signing</p>	
<p>Total number of pages including cover sheet, attachments, and documents: 3</p>	

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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, VA 22313-1450

ASSIGNMENT

WHEREAS We, Timothy R. Klein and Stanley Rogers, while employed by the United States of America, made an invention entitled TRANSMISSIVE DYNAMIC PLASMA STEERING APPARATUS FOR RADIANT ELECTROMAGNETIC ENERGY, described in an application for Letters Patent of the United States executed by us on the 29 day of August 2006 and the 30th day of AUGUST, 2006, respectively;

WHEREAS, the conditions under which said invention was made are such as to entitle the Government under paragraph 1(a) of Executive Order 10096, to the entire right, title and interest therein, including foreign rights; and

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the premises and other valuable considerations, We, Timothy R. Klein and Stanley Rogers, have sold, assigned, and transferred, and by these presents do sell, assign, and transfer unto the Government of the United States, as represented by the Secretary of the Air Force, our entire right, title and interest throughout the world in and to the aforesaid joint invention described in the aforesaid application for Letters Patent of the United States, and any and all applications for patent and patents in any and all countries foreign to the United States, and all Letters Patent issuing thereon and any continuations, continuations-in-part, divisions, and reissues or extensions thereof; and all priority resulting from the filing of the aforesaid application for patent in the United States; We hereby authorize and request any official whose duty it is to issue patents to issue any patent thereon to the United States of America, as represented by the Secretary of the Air Force, and his successors, as assignee of our entire right, title and interest in and to the same, for the sole use for the full term or terms for which said patents and any continuations, continuations-in-part, divisions and reissues or extensions thereof are, or may be, granted as fully and entirely as the same would have been held by us had this Assignment not been made; and We hereby agree to execute any and all applications for Letters Patent, and to furnish all data and documents and to execute any papers which may be necessary or convenient for the preparation, filing, or prosecution of such applications, except it is understood that We shall not be subject to any out-of-pocket expense relative to such action.



TIMOTHY R. KLEIN

SIGNED and acknowledged before me this 29th day of August, 2006, at Wright-Patterson Air Force Base, County of Montgomery, and State of Ohio.

(Seal)



Notary Public

GERALD B. HOLLINS, Attorney at Law

in and for the State of Ohio

My Commission Has No Expiration Date.

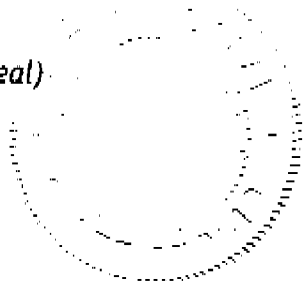
O. R. C. Sec. 147.03

Stanley Rogers

STANLEY ROGERS

SIGNED and acknowledged before me this 30th day of August, 2006, at Wright-Patterson Air Force Base, County of Montgomery, and State of Ohio.

(Seal)



Gerald B. Hollins

Notary Public

GERALD B. HOLLINS, Attorney at Law
in and for the State of Ohio
My Commission Has No Expiration Date
O. R. C. Sec. 147.03