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Form PTO-1595  
(Rev. 03/01)  
OMB No. 0654-0027 (exp. 5/31/2002)

RE

U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

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

<b>1. Name of conveying party(ies):</b>  <u>GEO CENTERS, INC.</u> Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<b>2. Name and address of receiving party(ies)</b> Name: <u>Government of the United States of America;</u> <u>as Represented by the Secretary of the Army</u> Internal Address: <u>U.S. ARMY TACOM-ARDEC</u> <u>AMSTA-AR-GCL</u>  Street Address: <u>BLDG 3</u>  City: <u>Picatinny Arsenal</u> State: <u>NJ</u> ZIP: <u>07806</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<b>3. Nature of conveyance:</b> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: <u>October 23, 2001</u>			
<b>4. Application number(s) or patent number(s):</b> If this document is being filed together with a new application, the execution date of the application is: _____ A. Patent Application No.(s) <u>09/003,633</u> B. Patent No. (s) _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
<b>5. Name and address of party to whom correspondence concerning document should be mailed.</b> Name: <u>U.S. ARMY TACOM-ARDEC</u> Internal Address: <u>ATTN: AMSTA-AR-GCL</u> <u>BLDG 3</u> <u>ATTN: Kathryn Vander Sande</u>  Street Address _____  City: <u>Picatinny Arsenal</u> State, <u>NJ</u> Zip: <u>07806-5000</u>		<b>6. Total number of applications and patents involved:</b> <u>1</u>  <b>7. Total fee (37 CFR 3.41)</b> \$ <u>40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account  <b>8. Deposit account number:</b> <u>19-2201</u>  (Attach duplicate copy of this page if paying by deposit account)	
<b>DO NOT USE THIS SPACE</b>			
<b>9. Statement and signature.</b> <i>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.</i> <u>Kathryn E. Vander Sande</u> <u>Kathryn Vander Sande</u> <u>27 November 2001</u> Name of Person Signing Signature Date Total Number of pages including cover sheet, attachments, and documents: <u>3</u>			

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

01/14/2002 LINELLER 00000222 192201 09003633  
01 FC:581 40.00 CH

PATENT  
REEL: 012452 FRAME: 0655

ASSIGNMENT (Continued)

PRIME CONTRACTOR AND NUMBER: GEO CENTERS, INCL DAAE 30 95 D 0007

SUBCONTRACTOR: \_\_\_\_\_

APPLICATION FOR: REGIOSELECTIVE NITRATIONS OF AROMATIC COMPOUNDS, ETC.INVENTOR(S): Keerthi Jayasuriya, Thomas J. KwokSERIAL NO: 09/003.633FILING DATE: 20 January 1998**CONTRACTOR'S ASSIGNMENT**

The above-identified Contractor for and in consideration of these premises and for other good and sufficient consideration, the receipt of which is hereby acknowledged, by these presents does sell, assign, and transfer to the United States Government, as represented by the Secretary of the Army and his successors in office:

ONE: The entire right, title and interest throughout the United States, its Territories, Possessions, and Puerto Rico, in and to said invention(s) and patent application and in and to any and all Letters Patent granted thereon, as well as divisions, continuations, reissues, and extensions of said application and Letters Patent, the same to be held and enjoyed by the said Government of the United States, to the full end of the term or terms for which Letters Patent are or may be granted, as fully and entirely as the same would have been held or enjoyed by the Contractor had this assignment not been made, subject only to the license, as above recited, which license extends to Contractor and to existing and future associated and affiliated companies, if any, within the corporate structure of which Contractor is a part, and which license is hereby reserved.

TWO: The entire right, title and interest, in all foreign countries, in and to said invention(s) and in and to all foreign Letters Patent, subject only to the license, as above recited, which license extends to Contractor and to existing and future associated and affiliated companies, if any, within the corporate structure of which Contractor is a part, and which license is hereby reserved.

NOTE: The Contractor may delete this paragraph TWO by crossing it out and initialing in the margin. If paragraph TWO is deleted, the following paragraph then becomes applicable and forms part of this instrument.

Contractor further grants, conveys, and confirms to the Government of the United States, as represented by the Secretary of Army and his successors in office, in consideration of the premises and other good and sufficient consideration, an irrevocable, nonexclusive, and royalty-free license to practice, and cause to be practiced by and for the Government, in all foreign countries, in the manufacture, use and disposition according to law, any article, material, or method embodied in any and all of the inventions (within the scope of the said certain rights) disclosed in the above-identified patent application, as well as in any and all Letters Patent, for the full term or terms thereof, which may eventuate from or be based thereon, the said license (1) being non-transferable, except that the Government has the right to grant sub-licenses to any foreign government or international organization specifically for use in programs established by International Agreements for research, development, or production of weapons or equipment for mutual defense, and (ii) including the practice of the licensed inventions in the manufacture, use, and disposition of any article or material, in the use of any method, or in the performance of any service acquired by or for the Government or with funds derived through the Military Assistance Program of the Government or otherwise through the Government.

## ASSIGNMENT (Continued)

PRIME CONTRACTOR AND NUMBER: GEO CENTERS, INC.

SUBCONTRACTOR: \_\_\_\_\_

APPLICATION FOR: REGIOSELECTIVE NITRATIONS OF AROMATIC COMPOUNDS, ETCINVENTOR(S): Keerthi Jayasuriya, Thomas J. KwokSERIAL NO: 09/009,633FILING DATE: 20 January 1998

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Signed for Contractor on 23 10 2001  
DAY MONTH YEARAt Newton Middlesex Massachusetts  
LOCALITY COUNTY STATESignature of Officer *Edward P. Marram*Edward P. Marram, Ph.D., President

TYPED NAME

I certify that I am the Secretary of the above-identified Corporation; that the officer who signed this instrument on behalf of the Corporation was then President/CEO of the Corporation, acting by authority of its governing body and within the scope of its corporate powers.

Signed on: 23 October 2001  
DAY MONTH YEARSignature of Secretary *Andrea L. Pogarian*

(Corporate Seal)

Andrea L. Pogarian, Clerk

TYPED NAME

State of \_\_\_\_\_ )

) SS:

County of \_\_\_\_\_ )

On \_\_\_\_\_ appeared before me \_\_\_\_\_  
DAY MONTH YEAR

and \_\_\_\_\_ to me well known, and known to be the

\_\_\_\_\_ and \_\_\_\_\_ of \_\_\_\_\_

(TITLE)

(TITLE)

, a corporation of \_\_\_\_\_, and affixed their names to

(STATE)

the foregoing instrument in my presence, and acknowledged the same to be their and said Corporation's free act and deed.

(SEAL)

NOTARY PUBLIC

My Commission Expires \_\_\_\_\_