PATENT ASSIGNMENT

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT OF ASSIGNOR'S INTEREST

CONVEYING PARTY DATA

Name:Lee, Sheng-YihExecution Date:09/05/2002

 Name:
 Geo Centers

 Execution Date:
 09/10/2002

RECEIVING PARTY DATA

Name:U.S. Government as Represented by the Secretary of the ArmyStreet Address:U.S. TACOM-ARDECInternal Address:AMSTA-AR-GCL/BLDG 3City:Picatinny ArsenalState:NEW JERSEYCountry:07806-5000

PROPERTY NUMBERS

Application Number: 10064661

Number of Properties: 1

The USPTO, Office of Public Records, will send correspondence via facsimile to **FAX NUMBER:** <u>973-724-5552</u>

CORRESPONDENCE DATA:

Correspondence will be sent via US Mail when a fax number

has not been provided or the fax attempt is unsuccessful.

When the customer number has been provided, the Office of Public Records will obtain the correspondence data from the official record on file at the USPTO.

CUSTOMER NUMBER: 032170

NAME OF PERSON SIGNING: Kathryn Vander SandeDATE SIGNED:09/16/2002

PATENT REEL: 013088 FRAME: 0079

800003530

Total Attachments: 3

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ASSIGNMENT FROM BOTH CONTRACTOR-EMPLOYEE AND CONTRACTOR TO GOVERNMENT

Patent Application Title: BIOREMEDIATION OF NITROGENOUS CONTAMINANTS

Inventor(s): BRUCE W. BRODMAN and SHENG-YIH LEE

*Patent Application Serial No. 10/064664 *Filing Date: 8/5/2002

*Docket Number: 2001-012 *Patent Number:

*Contract No.: DAAE30-00- *Contractor/ *Subcontractor: GEO CENTERS

*(Data not known at execution time may be added later for better identification.) **(The terms "Contract" and "Contractor" shall include subcontract and subcontractor, if applicable, wherever they occur.)

The undersigned inventor(s), in recognition of his (her) (their) obligation as employee(s) of the Contractor** to assign inventions to the Contractor, and pursuant to contract obligations of the Contractor to the U.S. Government, hereby assign(s) to the United States of America, as represented by the Secretary of the Army, the entire right, title and interest throughout the world in and to the above-identified Patent(s), provisional applications(s), and PCT Application(s), and to all patent applications and patents that may result from any of the above or be based thereon, and to any substitution, division, continuation-in-part, or continuation of such patent application(s) and any application for reissue of any patent resulting therefrom, subject to the reservation therein for Contractor of only a nonexclusive, nontransferable, royalty-free license throughout the world that shall extend to the Contractor's domestic subsidiary and affiliate companies, if any, within the corporate structure of which the Contractor is a part, and shall include the right to grant sublicenses of the same scope, only to the extent the Contractor was legally obligated to do so at the time the contract was awarded. The license reserved for Contractor shall be transferable only with the approval of the funding Federal Agency except when transferred to the successor of that part of the Contractor's business to which such invention pertains.

The inventor(s) further agree(s) to assist the Contractor and U.S. Government, upon request, by furnishing any available information and documents, performing all acts, and doing all things which may be reasonably necessary to make this assignment effective.

The Contractor joins in and agrees to the foregoing assignment, and except for the above described reservation of a license, if any, relinquishes and assigns the entire right, title and interest throughout the world in and to such invention(s), and to the above-identified Patent Application(s), and in the above-identified Patent(s), provisional application(s), and PCT Application(s), and further agrees to furnish to the U.S. Government upon request, any available information and documents necessary for the preparation and prosecution of the above-identified application(s) for patent (including prosecution and settlement of interferences), and of any substitution, division, continuation-in-part, or continuation of such patent application(s), Patent(s), provisional application(s), and PCT Application(s), and of any application for reissue of any patent resulting from such application(s).

> PATENT REEL: 013088 FRAME: 0081

ASSIGNMENT FROM BOTH CONTRACTOR-EMPLOYEE AND CONTRACTOR TO GOVERNMENT (continued)

Patent Application Title: BIOREMEDIATION OF NITROGENOUS CONTAMINANTS

Inventor(s): BRUCE W. BRODMAN and SHENG-YIH LEE

*Patent Application Serial No./*Filing Date:

*Docket Number: 2001-012 *Patent Number:

*Contract No.: DAAE 30-00 - *Contractor/ *Subcontractor: GEO CENTERS

 $D = \{0,0,9\}$ *(Data not known at execution time may be added later for better identification.) **(The terms "Contract" and "Contractor" shall include subcontract and subcontractor, if applicable, wherever they occur.)

Signature of Inventor:

Shong GG Lee

Home Address: 14 Highland Ave., Apt. 4, Kearney, NJ 07032

Date: Sept 5, 2002

Typed Name of Inventor: Sheng-Yih Lee

State of: New Jersey) County of Passaic)

ss.

On the above date, Sheng-Yih Lee, known to me to be the individual described in and who executed the foregoing instrument, duly appeared before me and acknowledged to me that he (she) executed the same as his (her) own free act and deed.

Kathyn Vander Sarde Signature of Notary

My Commission Expires on

KATHRYN E. VANDER SANDE NOTARY PUBLIC OF NEW JERSEY Commission Expires 9/19/2005

(SEAL)

PATENT REEL: 013088 FRAME: 0082

ASSIGNMENT FROM BOTH CONTRACTOR-EMPLOYEE AND CONTRACTOR TO GOVERNMENT (continued)

Patent Application Title: BIOREMEDIATION OF NITROGENOUS CONTAMINANTS

Inventor(s): BRUCE W. BRODMAN, SHENG-YIH LEE

*Patent Application Serial No./*Filing Date:

*Docket Number: 2001-012 *Patent Number:

*Contract No.: *Contractor/ *Subcontractor: GEO CENTERS

*(Data not known at execution time may be added later for better identification.) **(The terms "Contract" and "Contractor" shall include subcontract and subcontractor, if applicable, wherever they occur.)

Name of Company/Organization and address: GEO CENTERS

Signed for Organization on: <u>10 September 2002</u> Signature of Officer Edward at: Newton, MA Typed Name of Officer: Edward P. Marram,

I certify that I am the Secretary of the above-identified Organization; that the office who signed this instrument on behalf of said Organization was then <u>President</u> said Organization, and he (she) was then acting by authority of the Organization's governing body and within the scope of said Organization's powers <u>10 September 2002</u> (date) (signature of secretary) Andrea L. Pogarian

(typed name of secretary)

(Organization Seal)

County of

State of:	Massachusetts

Middlesex)

On <u>10 SEP 02</u>, there appeared before me <u>Edward P. Marram</u> and

SS.

Andrea L. Pogarian to me well known, and known to be the ______ and ______ and ______ (Title) ______ of _____ GEO-CENTERS, INC. , an Organization of the State of

(Title) Massachusetts

massachusetts _____ and affixed their names to the foregoing instrument in my

presence, and acknowledged the same to be their and said Organization's free act and dee

(SEAL)

 \mathcal{U} Signature of Notary My Commission Expires on 13 SEP 02

PATENT RECORDED: 09/16/2002 EL: 013088 FRAME: 0083