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IN THE UNITED STATE

Application: BERNARD JAHN et al.
Serial No.: 11/531,823
Filed: SEPTEMBER 14, 2006
For: METHOD FOR SOIL CONTENT PREDICTION BASED ON A LIMITED NUMBER OF MID-INFRARED ABSORBANCES

Group:
Examiner:
Docket No.: UC05-422-2

MAIL STOP ASSIGNMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

ASSIGNMENT RECORDATION COVER LETTER
PATENT OR PATENT APPLICATION

1. NAMES OF PARTY(IES) MAKING TRANSFER

- Name 1: BERNARD JAHN
- Name 2: SHRINI UPADHYAYA
- Name 3: DAVID SLAUGHTER

2. IDENTITY OF PARTY(IES) TO WHOM TRANSFER IS MADE

This transfer is being made to:

Name: THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
Address: 1111 FRANKLIN STREET, 12TH FLOOR
OAKLAND, CA 94607-5200

3. INTENTION OF DOCUMENT

A brief description of what the accompanying document intends to accomplish is that it is an:

- Assignment
- License
- Security Interest
- Other

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(40.00 DP)

4. **IDENTIFICATION OF PATENT OR APPLICATION**

Particulars of the patent or application to which the accompanying document applies are:

Inventor(s): BERNARD JAHN; SHRINI UPADHYAYA; DAVID SLAUGHTER

For (title): METHOD FOR SOIL CONTENT PREDICTION BASED ON A LIMITED NUMBER OF MID-INFRARED ABSORBANCES

(a) U.S. patent application filed herewith.

(b) U.S. patent application serial no. 11/531,823 filed on September 14, 2006.

(c) U.S. patent no. _____ issued _____.

5. **NAME AND ADDRESS TO WHICH CORRESPONDENCE SHOULD BE MAILED**

Please address all correspondence and return the recorded document to:

John P. O'Banion
O'BANION & RITCHEY LLP
400 Capitol Mall, Suite 1550
Sacramento, CA 95814

6. **NUMBER OF APPLICATIONS OR PATENTS IDENTIFIED AND TOTAL FEE DUE**

The number of applications or patents identified herein is: 1

Total Fee Due \$ 40.00

7. **DATE DOCUMENT WAS EXECUTED**

The accompanying document was executed on: November 15, 2006.

8. **FEE PAYMENT**

Fee payment is provided for as follows:

Attached is a check in the sum of \$40.00

Charge Account No. _____ if any additional fee is due.

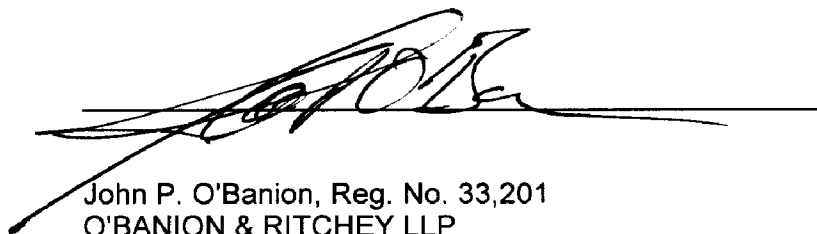
Charge Account No. _____ in the sum of _____.

9. **STATEMENT OF AUTHENTICITY**

The undersigned certifies that, to the best of his or her knowledge and belief, the information contained in this cover sheet is true and correct, and any copy of the document submitted for recording is a true copy of the original document.

10. **SIGNATURE**

Dated: 12/6/06

A handwritten signature in black ink, appearing to read "John P. O'Banion", is written over a horizontal line. The signature is stylized and cursive.

John P. O'Banion, Reg. No. 33,201
O'BANION & RITCHEY LLP
400 Capitol Mall, Suite 1550
Sacramento, CA 95814
(916) 498-1010

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

Name: BERNARD JAHN
Address: 833 SAN RAFAEL ST.
DAVIS, CA 95616

Nationality: U.S. CITIZEN

Name: SHRINI UPADHYAYA
Address: 818 HARRIER PLACE
DAVIS, CA 95616

Nationality: U.S.

Name: DAVID SLAUGHTER
Address: 2216 BRYCE LANE
DAVIS, CA 95616

Nationality: U.S.

hereby sell(s), assign(s) and transfer(s) to ASSIGNEE:

THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, A CALIFORNIA CORPORATION, 1111
FRANKLIN STREET, 12th Floor, OAKLAND, CA 94607-5200,

and the successors, assigns and legal representatives of the ASSIGNEE, the entire right, title and interest for the United States and its territorial possessions and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled:

**METHOD FOR SOIL CONTENT PREDICTION BASED ON A LIMITED NUMBER OF MID-INFRARED
ABSORBANCES**

and which is found in

- (a) U.S. provisional patent application filed herewith and listing the above named person(s) as inventor(s).
- (b) U.S. patent application filed herewith listing the above named person(s) as inventor(s).
- (c) U.S. patent application serial no. 11/531,823, filed on September 14, 2006.
- (d) U.S. Patent No.: _____, issued _____.

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

ASSIGNOR(S) hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR(S) further covenant(s) that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said Invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said Invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known;

ASSIGNOR(S) request(s) the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, the Regents of the University of California;

And ASSIGNOR(S) request(s) and hereby authorize their attorney(s) of record in this application to insert the execution date, serial number and filing date of this application in this Assignment.

Date: 10/27/2006

Inventor: Bernard Jahn
BERNARD JAHN

Date: _____

Inventor: _____
SHRINI UPADHYAYA

Date: _____

Inventor: _____
DAVID SLAUGHTER

ASSIGNOR(S) further covenant(s) that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said Invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known;

ASSIGNOR(S) request(s) the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, the Regents of the University of California,

And ASSIGNOR(S) request(s) and hereby authorize their attorney(s) of record in this application to insert the execution date, serial number and filing date of this application in this Assignment.

Date: _____

Inventor:

BERNARD JAHN

Date: 11/15/2006

Inventor:

Shrini Upadhyaya
SHRINI UPADHYAYA

Date: Nov 15, 2006

Inventor:

David Slaughter
DAVID SLAUGHTER