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PATENT



Attorney Docket No. UC2002-040-1

101930874

Applicant: SHRINI UPADHYAYA; MOHAMMAD EHSANI; MARK L. MATTSON  
Serial No.: 09/895,851  
Filed: JUNE 29, 2001  
Title: METHOD AND APPARATUS FOR ULTRA PRECISE GPS-BASED MAPPING OF SEEDS OR VEGETATION DURING PLANTING  
Group:  
Examiner:

12.21.01

**BOX ASSIGNMENT**

**Assistant Commissioner for Patents**

**Washington, D.C. 20231**

**ASSIGNMENT (DOCUMENT) COVER LETTER**

**PATENT OR PATENT APPLICATION**

**1. NAMES OF PARTY(IES) MAKING TRANSFER**

Name 1: SHRINI UPADHYAYA  
Name 2: MOHAMMAD EHSANI  
Name 3: MARK L. MATTSON

**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, 12<sup>TH</sup> 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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4. **IDENTIFICATION OF PATENT OR APPLICATION**

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

Inventor(s): SHRINI UPADHYAYA; MOHAMMAD EHSANI; MARK L. MATTSON

For (title): METHOD AND APPARATUS FOR ULTRA PRECISE GPS-BASED MAPPING  
OF SEEDS OR VEGETATION DURING PLANTING

- (a) ☐ U.S. patent application filed herewith.  
(b) ☒ U.S. patent application serial no. 09/895,851 filed on JUNE 29, 2001.  
(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: August 2, 2001.

8. **FEE PAYMENT**

Fee payment is provided for as follows:

- ☐ New Application transmittal (Item 18 - INCLUDED IN FILING FEE)  
☐ FWC Transmittal (Item VII)  
☐ Transmittal of Filing under 37 CFR 1.60(b) (Item 11)  
☒ Attached is a check in the sum of \$40.00

X Charge Account No. 07-1137 if any additional fee is due.

\_\_\_ Charge Account No. \_\_\_ in the sum of \_\_\_ A duplicate of this transmittal is attached.

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: December 21, 2001.

A handwritten signature in black ink, appearing to read 'J.P. O'Banion', is written over a horizontal line.

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: SHRINI UPADHYAYA  
Address: 818 HARRIER PLACE  
DAVIS, CALIFORNIA 95616

Nationality: UNITED STATES

Name: MOHAMMAD EHSANI  
Address: 7021 ADANAC PLACE  
COLUMBUS, OHIO 43235

Nationality: IRAN

Name: MARK L. MATTSON  
Address: 1912 LOYOLA DRIVE  
DAVIS, CALIFORNIA 95616

Nationality: UNITED STATES

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

THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, A CALIFORNIA CORPORATION, 111 FRANKLIN STREET, 12<sup>th</sup> 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 AND APPARATUS FOR ULTRA PRECISE GPS-BASED MAPPING OF SEEDS OR  
VEGETATION DURING PLANTING**

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. 09/895,851, filed on JUNE 29, 2001.
- (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.

AND the 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.

Date: 8/2/2001

Inventor:

Shrini Upadhyaya  
SHRINI UPADHYAYA

Date: 8-22-2001

Inventor:

M.R. Ehsani  
MOHAMMAD EHSANI

Date: 8/2/2001

Inventor:

Mark Mattson  
MARK L. MATTSON