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 - 1) Sakae SHIBUSAWA
 - 2) Atsushi OHTOMO

3) Shinichi HIRAKO

Additional name(s) of conveying party(ies) attached? __ уев _X_ no

- 3. Nature of Conveyance:
- X Assignment

__ Merger

___ Security Agreement ____ Change of Name

_ Other:

Execution Date: 1) March 2, 2001

- 2) March 8, 2001
- 3) March 19, 2001

- 2. Name and address of receiving party(ies)
- Name: 1) Kumamoto Technopolis Foundation
 - 2) Omron Corporation
- Address: 1) 2081-10, Oaza-Tabaru, Mashikimachi, Kamimasiki-gun, Kumamoto 861-2202, Japan
 - 2) 10 Tsuchido-cho, Hanazono Ukyoku, Kyoto-shi, Kyoto 616-8025, Japan

Additional name(s) & address(es) attached?

X no ___yes

Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: ==

A. Patent Application No. (s)

B. Patent No(s).

09/700,305

Additional numbers attached? ____ X No

Name and address of party to whom correspondence concerning document should be mailed:

Evenson, McKeown, Edwards & Lenahan, P.L.L.C. 1200 G Sireet, N.W., Suite 700 Washington, D.C. 20005

- 6. Total number of applications and patents involved: $\underline{1}$
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ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto:

Kumamoto Technopolis Foundation 2081-10, Oaza-Tabaru, Mashiki-machi, Kamimasiki-gun, Kumamoto 861-2202 Japan

and

Omron Corporation 10 Tsuchido-cho, Hanazono Ukyo-ku, Kyoto-shi, Kyoto 616-8025 Japan

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to his invention relating to:

SOIL SURVEY DEVICE AND SYSTEM FOR PRECISION AGRICULTURE

as set forth in his United States Patent Application (check one):

executed concurrently herewith,
executed on ,

Serial No. PCT/JP99/06264, filed 10 Nov. 1999,

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the Untied States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application representatives or assigns to perfect title to said invention, to said ASSIGNEE, may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, as successors, legal its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of EVENSON, MCKEOWN, EDWARDS & LENAHAN, P.L.L.C., or any member thereof, the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and trademark Office for recordation of this Assignment.

Marda 2, 200/

Sakae Shibusawa

(signature of 1st inventor)

Sakae SHIBUSAWA

(signature of witness)

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march 8, 2001

Citushi Littoma

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PATENT REEL: 012158 FRAME: 0479 ASSIGNMENT Page 2 of 2 Attorney Docket No.: 2121/49407

march 19,200/

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Note: Prima facie evidence of execution may optionally be obtained by execution of this document before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.

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