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By Assignment
Commissioner of Patents and Trademarks
Washington, DC 20231

January 21, 2003
Atty. Ref.: PU-1111

Please record the attached original document or copy thereof.

Name of Conveying Party(ies): (1) Byron J. JENKINSON and (2) Donald P. FRANZMEIER

Name and Address of Receiving Party(ies):
Purdue Research Foundation
Office of Technology Commercialization
1291 Cumberland Avenue
West Lafayette, Indiana 47906

Nature of Conveyance:
 Assignment Security Agreement Merger License
 Change of Name Other:

Execution Date of Document: December 27, 2002 and November 27, 2002, respectively

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

Patent Application Numbers: 10/264 278 Patent Numbers: --

Total Number of Applications and Patents Involved: 1. An enclosed check includes the recording fee of \$40.00. The Commissioner is hereby authorized to credit any overpayment, or to charge any additional recording fee required by this paper, to Deposit Account No. 20-1124.

Mail correspondence concerning
The documents to: Walnut Woods Centre
5955 W. Main St.
Kalamazoo, MI 49009
Tel: (616) 353-8807
Fax: (616) 372-3217

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.

Respectfully submitted,

Edward J. Timmer

EJT/ad

Walnut Woods Centre
5955 W. Main St.
Kalamazoo, MI 49009
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Encl: Assignment
Check
Postal Card

Total number of pages, including cover sheet, attachments and documents 3

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03 FC:8021 40.00 DP

ASSIGNMENT

WHEREAS, we (1) Byron J. JENKINSON, and (2) Donald P. FRANZMEIER, hereinafter called "ASSIGNORS", residing at (1) 5224 West 350 North, West Lafayette, Indiana 47906; and (2) 162 Reba Drive, West Lafayette, Indiana 47906 have invented certain new and useful improvements in INDICATOR DEVICE FOR SOIL for which application Serial No. 10/264 278 for United States Letters Patent was filed on October 3, 2002; and

WHEREAS, Purdue Research Foundation hereinafter called "ASSIGNEE", having a place of business at Office of Technology Commercialization, 1291 Cumberland Avenue, West Lafayette, Indiana 47906 is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefor in the United States and in any and all foreign countries.

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, the receipt whereof is hereby acknowledged, and other valuable consideration, we the ASSIGNORS have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said ASSIGNEE the full and exclusive right to said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations and extensions thereof.

We hereby authorize and request the Patent Office Officials in the United States and in any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of the entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its successors and assigns.

FURTHER, we agree that we will communicate to said ASSIGNEE or its representative any facts known to us respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, substitution, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths or declarations, and generally cooperate with said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and in any and all foreign countries.

IN WITNESS WHEREOF, we have hereunto set our hands this 27 day of Dec, 2002.

Signed in the presence of:

W. O. Smith

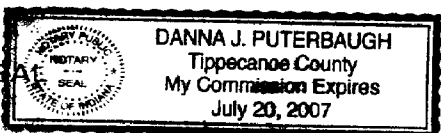
Signed: Byron J. Jenkinson
Byron J. JENKINSON

~~Signed: _____
Donald P. FRANZMEIER~~

STATE OF INDIANA)
COUNTY OF Tippecanoe) ss.

On this 27th day of Dec, 2002 personally appeared before me the above-named Byron J. JENKINSON and ~~Donald P. FRANZMEIER~~, to me known and known to me to be the persons described in and who executed the foregoing instrument and acknowledged the same to be their free act and deed in and for the purposes set forth in said instrument.

Danna J. Puterbaugh
Notary Public
7/20/07
My Commission expires



ASSIGNMENT

WHEREAS, we (1) Byron J. JENKINSON, and (2) Donald P. FRANZMEIER, hereinafter called "ASSIGNORS", residing at (1) 5224 West 350 North, West Lafayette, Indiana 47906; and (2) 162 Reba Drive, West Lafayette, Indiana 47906 have invented certain new and useful improvements in INDICATOR DEVICE FOR SOIL for which application Serial No. 10/264 278 for United States Letters Patent was filed on October 3, 2002; and

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IN WITNESS WHEREOF, we have hereunto set our hands this 27 day of Nov., 2002.

Signed in the presence of:

Rachel Johnson

Signed: _____
Byron J. JENKINSON

Signed: Donald P. Franzmeier
Donald P. FRANZMEIER

STATE OF INDIANA)
COUNTY OF Tippecanoe) ss.

On this 27 day of November, 2002 personally appeared before me the above-named Byron J. JENKINSON and Donald P. FRANZMEIER, to me known and known to me to be the persons described in and who executed the foregoing instrument and acknowledged the same to be their free act and deed in and for the purposes set forth in said instrument.

RICHARD M. BOTLER
Notary Public, State of Indiana
County of Tippecanoe
SEMI Commission Expires Jan. 14 2010

Richard M. Botler
Notary Public

1-14-10
My Commission expires

PATENT