

4/6/05

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1. Name of conveying party(ies):
Robert George Thackray

Additional name(s) of conveying party(ies) attached? ___ Yes No

2. Name and address of receiving party(ies):
Name: **Deere & Company**
Internal Address: **Patent Department
One John Deere Place
Moline, IL 61265**

Street Address: **One John Deere Place**
City: **Moline** State: **Illinois** Zip: **61265**

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3. Nature of Conveyance:
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Execution Date: **20 January 2005**

4. 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).
11/013,243

B. Patent No(s).

Additional numbers attached? ___ Yes No

6. Total number of applications and patents involved: **1**

7. Total fee (37 CFR 3.41).....**\$40.00**
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8. Deposit account number: **04-0525**

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: **Darin E. Bartholomew**
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One John Deere Place
Moline, IL 61265**


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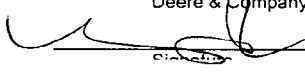
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9. Statement and signature
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.
Darin E. Bartholomew  **4/4/05**
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Deere & Company

 **04 April 2005**

PATENT
REEL: 016429 FRAME: 0629

ASSIGNMENT

The below named inventor(s) own(s) the entire right title and interest to the invention ("the Invention") which is the subject of a United States patent application ("the Application") entitled:

METHOD AND SYSTEM FOR DETECTING AN OBJECT USING A COMPOSITE EVIDENCE GRID

which was filed on 15 December 2004, assigned serial number 11/013,243, which each inventor has executed on the date indicated below next to each inventor's name.

Pursuant to an agreement between each inventor and Deere & Company, a Delaware corporation having its principal office at Moline, Illinois, as well as other good and valuable considerations paid to each inventor, each inventor agrees to assign, and hereby does assign to Deere & Company the entire right, title and interest which said inventor has or may have to the Invention.

The assigned rights include all rights to file US and foreign patent applications for the Invention described in the name of each inventor or Deere & Company, as well as any right of priority to any letters patent of the United States or any other country that may be granted for the Invention, and any continuations, divisions or extensions thereof. These assigned rights are to be held and enjoyed by Deere & Company, its successors or assigns, as fully and entirely as the same would have been held and enjoyed by each inventor had this assignment not been made.

Each inventor agrees to execute all papers which Deere & Company, its successors or assigns deem expedient in connection with the Application and any continuing, divisional, reissue, reexamination or foreign applications concerning the Invention, and to cooperate with Deere & Company, its successors or assigns in every proper way possible to obtain patent(s) based on the Application and any continuing, divisional, reissue, reexamination or foreign applications concerning the Invention.

Each inventor hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any letters patent based on the assigned rights to Deere & Company.

In witness whereof, each inventor has signed below:

Robert George Thackray Date signed application Jan 20, 2005
Robert George Thackray of Fargo, ND

State of North Dakota ;
County of Cass ;

Sworn to before me this 20th day of Jan, 2005.

[Signature]
Notary Public

SEAL

SHERIL PATILSON
Notary Public
State of North Dakota
My Commission Expires Nov. 28, 2006