



To the honorable Commissioner of Patents

102040823

Documents or copy thereof.

1. Name of conveying party(ies): **Karl-Heinz O. Mertins**
Jerry Dean Littke
William Flavis Cooper
Rick Allen Worrel

2. Name and address of receiving party(ies):

Name: **Deere & Company**
Internal Address: **Patent Department**
John Deere Road
Moline, IL 61265

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

Additional name(s) & address(es) attached Yes No

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

3. Nature of Conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: **January 15, 16 & 25, 2002**
February 19, 2002

4. Application number(s) or patent number(s): **09/984,821**

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)

Additional numbers attached? Yes No

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

Name: **Joel S. Carter**
Internal Address: **Patent Department**
John Deere Road
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John Deere Road
City: **Moline** State: **Illinois** Zip: **61265**

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

7. Total Fee (37 CFR 3.41)..... **\$40.00**
 Enclosed
 Authorized to charge to deposit account

8. Deposit account number: **04-0525**

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.

Joel S. Carter
Name of Person Signing

Joel S. Carter
Signature

5 March 2002
Date

Total number of pages comprising cover sheet, attachments and document: **3**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, DC 20231, on 5 MAR 02

Deere & Company

Cindy Whitener
Signature Date **5 March 2002**

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:

FAST FOURIER TRANSFORM SIGNAL PROCESSING METHOD

which was filed **31 October 2001**, assigned serial number **09/984,821** and 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:

Karl-Heinz O. Mertins
Karl-Heinz O. Mertins

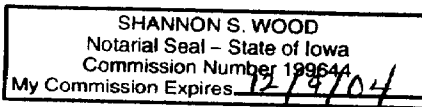
Date signed application 15 Jan 2002
of Davenport, Iowa

State of Iowa)
County of Scott)

Sworn to before me this 15 day of January, 2002.

Shannon S Wood
Notary Public

SEAL



Jerry Dean Littke
Jeffry Dean Littke

Date signed application 2-19-2002
of Hillsboro, North Dakota

State of ILLINOIS)
County of ROCK ISLAND)

Sworn to before me this 19th day of FEBRUARY, 2002.

Lucia K. Ferrell

Notary Public



William Flavis Cooper
William Flavis Cooper

Date signed application Jan 16 2002
of Fargo, North Dakota

State of ILLINOIS)
County of ROCK ISLAND)

Sworn to before me this 16th day of JANUARY, 2002.

Lucia K. Ferrell

Notary Public



Rick Allen Worrel
Rick Allen Worrel

Date signed application Jan. 25, 2002
of McKinney, Texas

State of Tx)
County of Collin)

Sworn to before me this 25 day of January, 2002.

Jill Nguyen
Notary Public

