07-02-1999 FORM PTO-1595 U.S. DEPARTMENT OF COMMERCE :-31-92 Patent and Trademark Office To the honorable Commissioner of Patents and Trademarks. Figure 5 ariginal documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Gary Deloy Luxon Deere & Company Name: Patent Department Internal Address: One John Deere Plag Moline, IL 61265 Additional name(s) of conveying party(ies) attached?

Yes

No One John Deere Place Street Address: 3. Nature of Conveyance: City: Moline State: Illinois Zip: 61265 ☑ Assignment Merger □ Security Agreement □ Change of Name □ Other Execution Date: 14 June 1999 Additional name(s) & address(es) attached □ Yes 図 No 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: 14 June 1999 B. Patent No(s). A. Patent Application No(s) Additional numbers attached? □ Yes ☑ No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Kevin J. Moriarty Patent Department Internal Address: 7. Total fee (37 CFR One John Deere Place \$40.00 3.41)..... Moline, IL 61265 □ Enclosed **Patent Department** Street Address: Authorized to be charged to deposit account One John Deere Place 8. Deposit account number: City: Moline State: Illinois Zip: 61265 04-0525 (Attach duplicate copy of this page if paying by deposit account)

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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.

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Name of Person Signing

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PATENT REEL: 010059 FRAME: 0103

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:

SEED METER FOR SMALL GRAIN

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:

State of ILLINOIS

County of ROCK ISLAND

Sworn to before me this

SEAL

_ Date signed application 14 Jun 99

of Moline, Illinois

1999

Notary Public

"OFFICIAL SEAL"

KATHRYN L. FIELDS

Notary Public, State of Illinois
My Commission Expires 11-9-2002

ASSIGNMENT SOLE

For Ten Dollars and other valuable considerations, the receipt and sufficiency of which are hereby acknowledged, I, STEPHEN C. LEE, residing at 828 Fernview Drive, Creve Coeur, Missouri, 63141, hereby sell, assign, transfer and convey unto G.D. SEARLE & CO., a Delaware corporation, whose address is Post Office Box 5110, Chicago, Illinois, 60680, its successors and assigns, the entire right, title and interest in and to my invention in

METHOD OF PRODUCING PERMUTEINS BY SCANNING PERMUTAGENESIS

described in an application for United States Letters Patent therefor, executed on even date herewith, and in and to all Letters Patent of the United States and foreign countries, including any divisions, continuations, reissues and extensions thereof that may be obtained therefor; and I agree that I will, without additional compensation, but without cost to me, promptly communicate to said G.D. SEARLE & CO., or its representatives any facts known to me respecting said invention whenever requested, and testify in any legal proceedings, sign all lawful papers, and execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid my said assignee, its successors and assigns, as and when requested by them, in obtaining and enforcing proper patent protection for said invention or inventions and improvements in the United States and all countries foreign thereto; and I hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent that may be granted for said invention to said G.D. SEARLE & CO., its successors and assigns.

Signed and s	sealed this	25 th	day of	September,	1998.

TEPHEN C. LEE

STATE OF MISSOURI)
) ss
COUNTY OF FRANKLIN)

On the day and year aforesaid, appeared STEPHEN C. LEE, personally known to me, and by me personally known to be the person who executed the above instrument, who, being duly sworn, acknowledged that he executed the above instrument as his free and voluntary act.

MARGIE A. PINNELL
Notary Public - Notary Seal
State of Missouri
Franklin County

RECORDED: 06/22/1999

Notary Public

PATENT REEL: 010059 FRAME: 0105