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To the honorable Commissioner of Patent

102093159

all documents or copy thereof.

1 Name of conveying party(ies).  
**Douglas Rene Johnson  
Trent Lynn Goodnight**  
*05/06/02*  
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**  
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City **Moline** State **Illinois** Zip: **61265**  
Additional name(s) & address(es) attached  Yes  No

3. Nature of Conveyance  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_  
Execution Date: **30 April 2002**

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: **30 April 2002**  
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: **Charles T. Graham**  
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6. Total number of applications and patents involved: **1**  
7. Total fee (37 CFR 3.41)..... **\$40.00**  
 Enclosed  
 Authorized to be charged to deposit account  
8. Deposit account number: **04-0525**  
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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.*  
**Charles T. Graham** *[Signature]* *2 May 2002*  
Name of Person Signing Signature Date  
Total number of pages comprising cover sheet, attachments and document

Jc971 U.S. PTO  
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05/06/02

05/16/2002 LNUELLER 00000259 040525 10139412  
01 FC:581 40.00 CH

# 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:

## TRANSMISSION WITH A TWO-STEP ACTUATOR VALVE

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:

Douglas Rene Johnson Date signed application 30 Apr 02  
of Waterloo, Iowa

State of IOWA )  
County of Blackhawk )

Sworn to before me this 30 day of April, 2002.

Deb Schoeberl  
Iowa Notarial Seal  
Commission number 713129  
My Commission expires 10/18/04

Deb Schoeberl  
Notary Public

Trent Lynn Goodnight Date signed application 30 Apr 02  
of Waterloo, Iowa

State of IOWA )  
County of Blackhawk )

Sworn to before me this 30 day of April, 2002.

Deb Schoeberl  
Iowa Notarial Seal  
Commission number 713129  
My Commission expires 10/18/04

Deb Schoeberl  
Notary Public