To the honorable Commissioner of Patents 10270 1. Name of conveying party(ies):	2656 I documents or copy thereof. 2. Name and address of receiving party(ies):
Name of Inventor(s) Michael Brian Sullivan Nathan Daniel Carlson Jack Glen Stabenow Additional name(s) of conveying party(ies) attached?Yes X_ No	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 Additional name(s) & address(es) attached Yes X_ No
3. Nature of Conveyance: X_Assignment Merger Security Agreement Change of Name Other Execution Date: 4 March 2004	
Application number(s) or patent number(s): If this document is being filed together with a new application, the execut	tion data of the application in: 4 March 2004
A. Patent Application No(s). 10/802976 Additional numbers atta	B. Patent No(s).
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Internal Address: Patent Department One John Deere Place Moline, IL 61265 Street Address: Patent Department One John Deere Place City: Moline State: Illinois Zip: 61265	6. Total number of applications and patents involved:
	7. Total fee (37 CFR 3.41)\$ Enclosed
	X Authorized to be charged to deposit account
	Deposit account number: 04-0525
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	ation is true and correct and any attached copy is a true copy

PATENT REEL: 015119 FRAME: 0030

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:

EGR/AIR MIXING INTAKE MANIFOLD WITH DUAL ORIENTATIONS

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:

Williams with the second secon	
Matorial .	Date signed application
Michael Brian Sullivan	of Cedar Falls, Iowa
State of IOWA) County of BLACKHAWK)	
Sworn to before me this 4 day of march	, 2004.
SEAL	Notapowalino TARIAL SEAL Commission Number: 197957 Commission Expires: 1794
Nathan Daniel Carlson	— Date signed application ☐ Nw 0Ч of Cedar Falls, Iowa
State of IOWA) County of BLACKHAWK)	
Sworn to before me this 4 day of March , 2004.	
SEAL	Motary Rublic
	CATHEY K. BROWN

CATHEY K. BROWN
IOWA NOTARIAL SEAL
Commission Number: 197957
Commission Expires: 2774434

PATENT

REEL: 015119 FRAME: 0031

Assignment Attorney Docket No. 16787-US Page 2 of 2

Jack Glen Stabenow Date signed application 04 MAR 2004

Of Waterloo, lowa

State of IOWA County of BLACKHAWK

Sworn to before me this _____ day of _______, 2004.

SEAL

RECORDED: 03/17/2004

CATHEY K. BROWN IOWA NOTARIAL SEAL

Commission Number: 197957 Commission Expires: 17 Aug 04

> PATENT REEL: 015119 FRAME: 0032