FORM PTO-1595 1-31-92	02-10-2003	YEET	Pat Att	tent and Trade torney Docket	t of Commerce emark Office No. 08350.2248- ner Number: 22,	
To the Honorable Commission Please record the attached orig	102361895			ASSIGNMEN ⁻		
. Name of conveying parties: Bryan E. NELSON		2.	2. Name and address of receiving party(ies):			
Diyan E. NELOON		Name:	Caterpillar, I	Inc.	E0-7-03	
Additional name(s) of conveying pa	arty(ies) attached? Yes No	Internal	Address:			
3. Nature of conveyance:	, , , , , , , , , , , , , , , , , , ,	Street A	.ddress: 100	0 NE Adams S	treet	
⊠ Assignment □	Merger FEB 0 4 2000 \$	City:	City: Peoria			
Security Agreement	Change of Change of Change	State:	Illinois	Zip Code:	61629	
Other:		Addition	Additional name(s) & Address(es) attached?			
Execution Date: January 23, 2003			☐ Yes			
4. Application number(s) or p	patent number(s): If this document	is being filed to	ogether with a ne	ew application,	the execution date	
A. Patent Application Number	er(s):	B.	Patent Number	(s):		
10/292,817						
	Additional numbers attached?	l ☐ Yes	⊠ No			
Name and address of party to whom correspondence concerning document should be mailed:		6.	5. Total number of applications and registrations involved: 1			
Name: Christopher P. Isaac		7.	Total fee (37 CF	FR 3.41): \$40		
			Enclosed (i	Please charge	deficiency to dep	
			Authorized	d to be charged	I to deposit accou	
Internal Address: FINNEGAN, H & DUNNER, L	ENDERSON, FARABOW, GARRE .L.P.	ETT				
Street Address: 1300 I Street,	N.W.					
City: Washington, D.C.						
State: Zip	20005-3315	8.	Deposit Accour	nt No.: <u>06-091</u>	<u> </u>	
9. Statement and signature.						
To the best of my knowledge and bedocument.	pelief, the foregoing information is t	true and correc	et and any attache	ed copy is a tru	ue copy of the orig	
~ .	_ XI	8	<u> </u>	February 4	, 2003	
	Jay A Stelad	cone, Reg. No.	42168	[Date	

PATENT REEL: 013728 FRAME: 0511

SOLE/JOINT INVENTION (Worldwide Rights) Attorney Docket No. 08350.2248-00 Client Ref. No. 02-248

ASSIGNMENT

WHEREAS I, the below named inventor, [hereinafter referred to as Assignor], have made an invention entitled:

CHECK VALVE SEAL ASSEMBLY

for which I executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on November 13, 2002 (Serial No. 10/292,817); and

WHEREAS, CATERPILLAR, INC., a corporation of Delaware whose post office address is 100 NE Adams Street, Peoria, Illinois 61629 (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) in hand paid and other good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention, provisional application Serial No., filed (if any), and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of the above provisional application (if any), as well as all rights to claim priority on the basis of this application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and I hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I HEREBY covenant that I have the full right to convey the interest assigned by this Assignment, and I have not executed and will not execute any agreement in conflict with this Assignment;

AND, I HEREBY further covenant and agree that I will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, I have hereunto set my hand.

FULL NAME OF SOLE OR FIRST ASSIGNOR Bryan E. NELSON	ASSIGNOR'S SIGNATURE Byon EMU	DATE (/23/03
ADDRESS 22 Bay Shore Drive, Lacon, Illinois 61540		CITIZENSHIP United States

Page 1 of 2

PATENT REEL: 013728 FRAME: 0512

SOLE/JOINT INVENTION (Worldwide Rights) Attorney Docket No. 08350.2248-00 Client Ref. No. 02-248

1. WITNESS NAME		
Michelle McCluec	WITNESS SIGNATURE	DATE
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4105 W. Hollow Creek Or	#202	
		USA
Peoria, 12 lelles		
2. WITNESS NAME Daniel DBerns	WITNESS SIGNATURE	DATE / 1/2 3 / 2 7
ADDRESS		1/2/03
1331 ookleaf L	n Washington II	CITIZENSHIP
	a solling in I	03/1
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PATENT REEL: 013728 FRAME: 0513