10-18-2000 FORM PTO-1619A U.S. Department of Commerce Patent and Trademark Office Expires 06/30/99 **PATENT** 101490312 99/666440 RECORDATION FORM COVER SHEET PATENTS ONLY TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ie Submission Type Conveyance Type Х New **Assignment Security Agreement** Resubmission (Non-Recordation) License Change of Name Document ID# **Correction of PTO Error** Other Merger Reel # Frame # U.S. Government Corrective Document (For Use ONLY by U.S. Government Agencies) Reel # Frame # **Departmental File** Secret File Conveying Party(ies) Mark if additional names of conveying parties attached Execution Date Month Day Name (line 1) John R. Gladden 09/05/2000 Name (line 2) Execution Date Month Day Year Second Party 09/01/2000 Name (line 1) Phillip J. Houtz Name (line 2) **Receiving Party** Mark if additional names of receiving parties attached If document to be recorded Name (line 1) Caterpillar Inc. is an assignment and the receiving party is not domiciled in the United Name (line 2) Intellectual Property Department States, an appointment of a domestic representative is attached. Address (line 1) 100 N.E. Adams Street (Designation must be a separate document from Assignment.) Address (line 2) 61629-6490 Illinois Address (line 3) Peoria State/Country **Domestic Representative Name and Address** Enter for the first Receiving Party only. Name Address (line 1) Address (line 2) Address (line 3)

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FORM PTO-1619B Expires 06/30/99 CMB 0651-0027	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT
Correspondent Name and Address	Area Code and Telephone Number (309)	675-4517
Name Alan J. Hickman		
Address (line 1) Caterpillar Inc.		
Address (line 2) Intellectual Property 1	Department	
Address (line 3) 100 N. E. Adams Street		
Address (line 4) Peoria, IL 61629-6490		
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Patent Cooperation Treaty (PCT) Enter PCT application number only if a U.S. Application Number has not been assigned.	PCT PCT PCT	PCT PCT
Number of Properties	otal number of properties involved. # 1	
Method of Payment: Encl Deposit Account (Enter for payment by deposit account or if add	Deposit Account Number:	1129
Docket No. 99-506	Authorization to charge additional fees: Yes	X No

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. Charges to deposit account are authorized, as

indicated herein.

Alan J. Hickman	
me of Person Signing	

09/21/	2000
	Date

nature

PATENT

REEL: 011155 FRAME: 0404

ASSIGNMENT

WHEREAS, John R. Gladden and Phillip J. Houtz, residing respectively at Lafayette, Indiana and Lafayette, Indiana, hereinafter referred to as ASSIGNORS, have invented a new and useful

INTERSTAGE COOLING OF A MULTI-COMPRESSOR TURBOCHARGER

for which ASSIGNORS are about to file an international application and/or make application for Letters Patent in the United States of America, such invention being described and identified by said application having an attached International Application Request and/or an attached Declaration and Power of Attorney executed by ASSIGNORS on <u>Sept. 5, 2000</u> and <u>Sept. 1, 2000</u>; and

WHEREAS, Caterpillar Inc., a Delaware corporation having a place of business at Peoria, State of Illinois, United States of America, hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to said invention and any Letters Patent granted thereon by the United States of America and any foreign country;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and for other good and valuable consideration received by ASSIGNORS from ASSIGNEE, the receipt of which is hereby acknowledged by ASSIGNORS;

- 1. ASSIGNORS hereby sell, assign, transfer and convey unto ASSIGNEE the entire right, title and interest in and to said invention, any application therefor, and any Letters Patent granted thereon by the United States of America and any foreign country, including any continuing application, reissue or extension thereof, together with the right to file applications and obtain patents for said invention in any foreign country, and covenant that ASSIGNORS have the full right to do so.
- 2. At the request and expense of ASSIGNEE, ASSIGNORS agree to communicate to ASSIGNEE any facts known respecting said invention, to execute all papers necessary to file any application on said invention necessary or desirable to aid ASSIGNEE in obtaining and enforcing proper protection for said invention in the United States of America and any foreign country.
- 3. ASSIGNORS hereby authorize and request the COMMISSIONER OF PATENTS AND TRADEMARKS to issue the United States Letters Patent on said invention, when granted, to Caterpillar Inc.
- 4. This assignment shall inure to the benefit of ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon ASSIGNORS, ASSIGNORS' heirs and legal representatives.

PATENT REEL: 011155 FRAME: 0405

Sent 5 2000	
Date	
N R. GLADDEN we have Witness (2)	ve hereunto set our hands Date
Address: 5056	Coalenthis
Lefagetto.	1 19905
OI SEPI 100 Date	
Witness (2)	Jeffs of Sept. 2000 Date
Address: 2734	CRESMOSTH CT
LAFAYETTE	(A)
	47909
	Witness (2) Address: SCSO Date LLIP J. HOUTZ we have Witness (2) Address: 2734

RECORDED: 09/21/2000

PATENT REEL: 011155 FRAME: 0406