FORM PT0-1595 1-31-92

## 01-14-2000

S. DEPARTMENT OF COMMERCE itent and Trademark Office

attached original

documents or copy thereof. 10124	6438
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
Kent A. Casey Eric D. Stemler	Name: <u>Caterpillar Inc.</u>
Additional Names attached: [ ] Yes [X] No	Internal Address:  Intellectual Property Department
	Street Address:  100 N.E. Adams Street
3. Nature of Conveyance:	City: <u>Peoria</u> State: <u>Illinois</u>
<pre>[X] Assignment [ ] Security Agreement [ ] Other</pre>	Zip: <u>61629-6490</u>
Execution Date(s): 12/16/1999	Additional name(s) & addresses attached? [] Yes [X] No
4. Application number(s) or patent number(s):	
If this document is being filed together with a mapplication is $\frac{12/16/1999}{1}$ .	new application, the execution date of the
A. Patent Application No.(s)	B. Patent No.(s)
Additional number	s attached? [ ] Yes [X] No
Title of Invention: TRANSMISSION WITH VARIA A VARIABLE SPEED PUMP,	BLE RATIO UTILIZING THREE PLANETARIES, FIVE MEMBERS, AND A VARIABLE SPEED MOTOR AND ASSOCIATED METHOD FOR COMPONENTS ASSOCIATED THEREWITH
Attorney Docket No.: 98-181	
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved [1]
Name: Kevin M. Kercher CATERPILLAR INC.	
Internal Address: <u>Intellectual Property Dept.</u>	7. Total fee (37 CFR §3.41) \$ 40.00 [] Enclosed [X] Authorized to be charged to deposit
Street Address: 100 N. E. Adams Street	account
City: Peoria State: IL	8. Deposit account number: 03-1129 (If charged duplicate copy attached)
Zip: <u>61629-6490</u>	
9. Statement and signature:	
To the best of my knowledge and belief, the foreg attached copy is a true copy of the original docu	oing information is true and correct and any ment.
1	11 6 1.
Kevin M. Kercher  Name of Person Signing	VY         12/16/1999           Signature         Date
Total number of pages comprising cover sheet, a	
Mail document to be recorded with required cover s	
Commissioner of Patents and Trademarks	
Box Assignments Washington, D.C. 20231	
NUP! ARRANGE BY AND ARRANGE BY AR	

01/14/2000 DNGUYEN 00000037 031129 09464686

01 FC:581 40.00 CH

## ABSTONMENT

WEERRAS. ERIC D. STEMER, residing at Peoria, Illinois, hereinafter referred to as Assignor, has invented together with Kent A. Casey, a new and useful

TRANSMISSION WITH VARIABLE RATIO UTILIZING THREE PLANETARIES, PIVE MEMBERS, A VARIABLE SPEED PUMP, AND A VARIABLE SPEED MOTOR AND ASSOCIATED METHOD FOR OPERATIVELY CONNECTING COMPONENTS ASSOCIATED THEREWITH

for which ASSIGNOR is about to file an international application and/or assistant application for Letters Petent 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 ASSIGNOR on December 16, 1999,

WHEREAS, CATERPILLAR INC., a Delawars corporation baving a place of business at Peoria, State of Illinois, United States of America, hereinafter reformed to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to said invention and any Letters Fatant 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 ASSIGNOR from ASSIGNOR, the receipt of which is hereby acknowledged by ASSIGNOR;

- ASSIGNOR hereby sells, assigns, transfers and conveys unto ASSIGNER 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 doraign country, and covenant that ASSIGNOR has the full right to do so.
- 2. At the request and expense of ASSIGNEE, ASSIGNER agrees to communicate to ASSIGNEE any facts known respecting said invention, to execute all papers namessary to file any application on said invention necessary or desirable to aid ASSIGNEE in obtaining and outproving proper protection for said invention in the United States of America and any foreign country.
- 3. ASSIGNOR bereby authorizes and requests the CONSTISSIONER OF PATENTS AND TRADEMARKS to issue the United States Letters Datant on said invention, when granted, to CATERPILLAR INC.
- 4. This assignment shall inure to the benefit of ASSIGNER, its successors, assigns and other legal representatives, and shall be binding upon ASSIGNOR, ASSIGNOR'S hoirs and legal representatives.

PATENT REEL: 010482 FRAME: 0684 IN TRETIMONY WHEREOF, ASSIGNOR has executed this instrument.

ERIC D. STENDER

IN NITHERS OF the execution hereof by HRIC D. STENDER WE have hereunto set our bands.

Address (1)

Witness (1)

Address (2)

Address (2)

Region Regions

Region Region Regions

Region Region Regions

Region Regions

Region Region Region Regions

Region Region Region Region Region Regions

Region Reg

PATENT REEL: 010482 FRAME: 0685

## THEMMOTERA

WHEREAS, KENT A. CASEY, residing at Washington, Illinois, hereinafter referred to as ASSIGNOR, has invented together with Eric D. Stemler, a new and useful

TRANSMISSION WITH VARIABLE BATIO UTILIZING TERRE PLANSTAUES, FIVE MEMBERS, A VARIABLE SPEED PUMP, AND A VARIABLE SPEED MOTOR AND ASSOCIATED METHOD FOR OPERATIVELY CONNECTING COMPONENTS ASSOCIATED THEREWITH

for which ASSIGNOR is 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 ASSIGNOR on December 16, 1999

WRERRAS, CATERPILLAR INC., a Delaware dorporation having a place of business at Pearia, State of Illinois, United States of America, hereinafter referred to as ASSIGNES, 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, THEREFORM, in consideration of the sum of One Pollar (\$1.00) and for other good and valuable consideration received by ASSIGNOR from Assigner, the receipt of which is hereby acknowledged by ASSIGNOR,

- 1. ASSIGNOR hereby sells, assigns, transfers and conveys 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 ASSIGNOR has the full right to do so.
- 2. At the request and expense of Assigner, Assignor agrees to domininicate to Assigner any facts known respecting said invention, to execute all papers necessary to file any application on said invention necessary or desirable to aid Assigner in obtaining and enforcing proper protection for said invention in the United States of America and any foreign country.
- 3. ASSIGNOR hereby authorises and requests the CONTRIGIONER OF PATENTS AND THADENARYS to issue the United States Letters Fetant on said invention, when granted, to CATERPINDAR INC.
- 4. This assignment shall inure to the benefit of ASSIGNES, its suddessors, assigns and other legal representatives, and shall be binding upon ASSIGNOR, ASSIGNOR'S heirs and legal representatives.

PATENT REEL: 010482 FRAME: 0686 IN TRATINOMY WHEREOF, ASSIGNOR has executed this destrument.

Kartasa 12/16/99

IN WITNESS OF the execution hereof by KENT A. CASHY we have because set our

haule

(Date)

Motornood (LGISYE

Witness (2) (Data)

Address 809 DOGWOOD

WASHINGTON IL 61571

PATENT REEL: 010482 FRAME: 0687

**RECORDED: 12/16/1999**