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al PECTION

100675161

Name of party or parties conveying an interest:	2. Name and address of party or parties receiving an interest:
Dana R. Coldren Marvin P. Schneider Colin T. Timms	Name: Caterpillar Inc., a Delaware corporation Address: Peoria, Illinois, United States of America Name: Lucas Industries Public Limited Company Address: Solihull, Great Britain
3. Description of the interest conveyed:	
X Assignment Merger Change of Name Security Agreement Execution Date: Feb. 6, 1998; Jan. 27, 1998; March 10, 1998	Other:
4. Application number(s) or patent number(s). Additional sheet attached? YES NO_X_	If the document is being filed together with a new application, the execution date of the application is:
A. Patent application no.(s): 08/963,333 filed November 3, 1997	B. Patent no.(s):
5. Name and address of party to whom correspondence concerning this cover sheet should be mailed:	6. Number of applications and/or patents identified on this cover sheet: 1 7. Amount of fee enclosed or authorized
Name: William E. McCracken (Reg. No. 30,195) MARSHALL, O'TOOLE, GERSTEIN, MURRAY & BORUN Street Address: 6300 Sears Tower, 233 South Wacker Drive City: Chicago State: Illinois Zip: 60606-6402	to be charged: \$ 40.00 8. Any additional required fee may be charged, or any overpayment credited to our deposit account: 13-285
9. To the best of my knowledge and belief, the information contained on this cover sheet is true and correct and any copy submitted is a true copy of ge original document.	
Date: March 24,1998	William E. McCracken Reg. No. 30,195

Total number of pages including cover sheet, attachments, and document: 4

PATENT

REEL: 9055 FRAME: 0301

Atty. Docket No. 27581/96478

ASSIGNMENT

U.S. Serial No.: 08/963,333

WHEREAS, DANA R. COLDREN, a resident of Fairbury, IL 61739-9550, MARVIN P. SCHNEIDER, a resident of East Peoria, IL 61611-1480, and COLIN T. TIMMS, a resident of Middlesex, Great Britain, hereinafter referred to as ASSIGNORS, have invented a new and useful

ELECTRONIC FUEL INJECTOR WITH INTERNAL SINGLE-POLE SOLENOID AND CENTER FLOW POST

for which they 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 respectively on October 31, 1997, November 3, 1997 and October 31, 1997; and

WHEREAS, CATERPILLAR INC., a Delaware corporation having a place of business at Peoria, State of Illinois, United States of America, and LUCAS INDUSTRIES PUBLIC LIMITED COMPANY having a place of business at Solihull, Great Britain, hereinafter referred to as ASSIGNEES, are 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 ASSIGNEES, the receipt of which is hereby acknowledged by ASSIGNORS:

- 1. ASSIGNORS hereby sell, assign, transfer and convey unto ASSIGNEES 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 they have the full right to do so.
- 2. At the request and expense of ASSIGNEES, ASSIGNORS agree to communicate to ASSIGNEES any facts known respecting said invention, to execute all papers necessary to file any application on said invention and to perfect said title in ASSIGNEES, and to generally do everything necessary or desirable to aid ASSIGNEES 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. AND LUCAS INDUSTRIES PUBLIC LIMITED COMPANY.

PATENT REEL: 9055 FRAME: 0302 4. This assignment shall inure to the benefit of ASSIGNEES, their

successors, assigns and other legal re ASSIGNORS, their heirs and legal rep	epresentatives, and shall be binding uporesentatives.
IN TESTIMONY WHEREOF, we have e	executed this instrument.
DANA R. COLDREN	2/1/98 (Date)
Marvin P. Schneider MARVIN P. SCHNEIDER	17 Jan 1998 (Date)
COLIN T. TIMMS	10 H March 1998 (Date)
nands.	DANA R. COLDREN we have hereunto set our
Witness (1) (Date)	E. Sridhu 2/6/98 Witness (2) (Date)
AU L. O.	# 8,
MORPHARE 16 GO 711	NORMAL, IL/61761.
IN WITNESS OF the execution hereof by M	MARVIN P. SCHNEIDER we have hereunto set

our hands.

PATENT REEL: 9055 FRAME: 0303 IN WITNESS OF the execution hereof by COLIN T. TIMMS we have hereunto set our hands.

R. F. Lurnet. 10/3/98 (Date) Witness (2) (Date) (Date)

Address: 113 WENDELL ROAD Address 12 KILPATRICK WAY

LONDON. HAYES, MIDDY
W.1295D. UBA 95X
ENGLAND. ENGLAND

PATENT REEL: 9055 FRAME: 0304