

Form PTO-1595  
1-31-92  
Atty Docket: 99-1833US1JRY

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U.S. Department of Commerce  
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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies):</p> <p>Kenneth P DeGroot, Michael J Reale, Bruce H Teague, Jonathan F Rose, Timothy A Coatesworth, Edward M Vuylsteke, Yi Cheng</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and Address of receiving party(ies):</p> <p>Name: DaimlerChrysler Corporation Internal Address: CIMS 483-02-19 Street Address: 800 Chrysler Dr. East Auburn Hills, MI 48326-2757</p> <p>Additional name(s) &amp; address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security/Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____</p>	<p>4. Application number(s) or patent number(s):</p> <p>If this document is being filed together with a new application, the execution date of the application is:</p> <p>A. Patent Application No.(s) <u>S.N. 09/574537</u> Filed: <u>5/18/00</u></p> <p>B. Patent No.(s) _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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Execution Date: 3/15/00, 3/17/00, 3/15/00, 3/15/00, 3/15/00, 4/6/00, and 3/16/00

<p>5. Name and address of Party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>James R. Yee</u> Internal Address: <u>DaimlerChrysler Corporation</u> Address: <u>CIMS 483-02-19</u> Street Address: <u>800 Chrysler Drive East</u> Auburn Hills, MI 48326-2757 Phone: <u>(248) 576-8013</u> FAX: <u>(248) 576-7905</u></p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41) \$ <u>40</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input checked="" type="checkbox"/> Authorized to charge any additional fees or credit any over-payment to deposit account</p> <p>8. Deposit Account number: <u>03-1800</u> (Duplicate copy attached)</p>
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DO NOT USE THIS SPACE

9. 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.

<u>Susan Robinson</u>	<i>Susan Robinson</i>	<u>8/24/00</u>
Name of Person Signing	Signature	Date

Total number of pages comprising cover sheet: 1  
Total number of pages including cover sheet, attachments, and document: 3

PTO FACSIMILE NO: (703) 306-5995

Attorney Docket No.C99-1833/US/1

A S S I G N M E N T

We, Kenneth P DeGroot of Macomb Township, Macomb County, MI  
 Michael J Reale of Royal Oak, Oakland County, MI  
 Bruce H Teague of Grosse Pointe Park, Wayne County, MI  
 Jonathan F Rose of Westland, Wayne County, MI  
 Timothy A Coatesworth of Lake Orion, Oakland County, MI  
 Edward M Vuylsteke of Ann Arbor, Washtenaw County, MI  
 Yi Cheng of Jackson, Jackson County, MI

have invented a new and useful process, machine, manufacture, composition of matter, or an improvement thereof, entitled:

**WAVE FORM FUEL/AIR SENSOR TARGET VOLTAGE**

for which we have executed an application for Letters Patent of the United States on 3/15/00, 3/17/00, 3/15/00, 3/15/00, 3/15/00, 4/6/00, and 3/16/00

DaimlerChrysler Corporation, a Delaware corporation having its principal place of business at Auburn Hills, Michigan, desires to acquire the entire right, title, and interest in the invention and under the Letters Patent, and similar protection to be obtained, worldwide.

In consideration of the payment by DaimlerChrysler Corporation to us of the sum of \$1.00 and other good and valuable consideration, receipt being acknowledged, we sell, assign, and transfer unto DaimlerChrysler Corporation, our full and entire right, title, and interest in the invention worldwide and to all Letters Patent or similar legal protection to be obtained for the invention worldwide by the application or any continuation, division, renewal, substitute, re-examination, reissue, or any legal equivalent, for the full term or terms that may be granted.

We authorize our attorneys, authorized to prosecute said application, to insert the filing date and Serial Number of the application, to wit, Serial No., 09/574,537, filed 5/18/00. We authorize and request the Commissioner of Patents to issue all Letters Patent of the United States to DaimlerChrysler Corporation.

We warrant that we have the right to sell, assign, and transfer our full and entire right, title, and interest in the invention and that no assignment, sale, agreement, or encumbrance has been or will be made or entered into that will conflict with this sale, assignment, and transfer.

We further agree to communicate to DaimlerChrysler Corporation or its representatives, any facts known to us respecting the invention, testify in any legal proceedings relating to the invention when called upon, and sign all instruments and documents and render such assistance which, in the judgment of DaimlerChrysler Corporation, is necessary to vest in it and protect the legal right, title, and interest assigned in this Assignment.

This Assignment will be binding on our heirs and legal representatives.

Date 3/15/00Witness Kelly J. Gray

Kenneth P. DeGroot  
 Kenneth P DeGroot

Date 3/17/2000  
Witness Kelly J. Enang

Michael J Reale  
Michael J Reale

Date 3/15/00  
Witness Kelly J. Enang

Bruce H Teague  
Bruce H Teague

Date 3/15/00  
Witness Kelly J. Enang

Jonathan F Rose  
Jonathan F Rose

Date 15 March 2000  
Witness Kelly J. Enang

Timothy A Coatesworth  
Timothy A Coatesworth

Date 4/6/2000  
Witness Edw. S. ...

Edward M Vuylsteke  
Edward M Vuylsteke

Date 16 March 2000  
Witness Kelly J. Enang

Yi Cheng  
Yi Cheng