
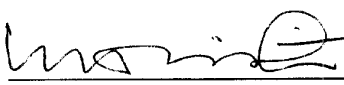


PTO-1595 MRD 7-24-98	REC	09-01-1998 	IEET U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
To the Honorable Commissioner of Patents		100804931	and original documents or copy thereof.
1. Name of conveying parties: Sadao AKISHITA; Ziye LI; Toshihiko KATO Additional names of conveying parties attached? No		Name and address of receiving parties: Name: Daifuko Co., Ltd. Street Address: 3-2-11, Mitejima, Nishi-yodogawa-ku, City: OSAKA State: JAPAN Additional names & addresses attached? No	
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date: July 13, 1998			
4. Application number(s) or patent number(s): 09/081,247 If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No(s). B. Patent No(s). Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Name and address of party to whom correspondence concerning document should be mailed: Name: BARNES, KISSELLE, RAISCH, CHOATE WHITTEMORE & HULBERT, P.C. Internal Address: 3500 Penobscot Building Street Address: 645 Griswold Street City: Detroit State: MI ZIP: 48226		6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41) \$40.00 <input checked="" type="checkbox"/> Enclosed \$170.00 (filing declaration/recording fees) <input type="checkbox"/> Authorized to be charged to deposit account 8. Deposit Account Number: 02-1000 (Attach duplicate copy of this page if paying by deposit account)	
DO NOT USE THIS SPACE			
9. Statement and signature. <i>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.</i> <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="text-align: center;"> <u>William H. Griffith</u> Name of Person Signing </div> <div style="text-align: center;">  Signature </div> <div style="text-align: center;"> <u>July 21, 1998</u> Date </div> </div> <div style="text-align: right; margin-top: 10px;"> Total number of pages including cover sheet, attachments, and document: 2 </div>			

Mail documents to be recorded with required cover sheet information to:
 Assistant Commissioner for Patents, Box Assignments
 Washington, D.C. 20231

PATENT
 REEL: 9408 FRAME 0212

07/29/1998 WILLIAM 00000013 090817 02-FC-581

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned,

Inventor(s)
full name(s)

Sadao Akishita, Ziye Li and Toshihiko Kato

hereby sell, assign and transfer to

Assignee
Name and
Address

Daifuku Co., Ltd., 3-2-11, Mitejima, Nishi-yodogawa-ku,

Osaka, Japan

(hereinafter called the Assignee) the entire right, title, and interest in and to any and all improvements which are disclosed in the application for United States Letters Patent entitled

Title of
Invention

FAILURE DIAGNOSIS SYSTEM FOR AUTOMOBILE ENGINE

which application was

Complete
either
(a) or (b)

(a) executed by the undersigned on the _____ day of _____ 19 ____

(b) filed on the 19th day of May, 1998, Serial No. 09/081,247

including any and all United States Letters Patents which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals or continuations thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property.

It is hereby authorized and requested that the Commissioner of Patents issue any and all of said Letters Patent, when granted, to said Assignee.

Further, it is agreed that, when requested, without charge to but at the expense of said Assignee, the undersigned will execute all divisional, continuing, substitute, renewal, and reissue patent applications; execute all rightful other papers; and generally do everything possible which said Assignee shall consider desirable for aiding in securing and maintaining proper patent protection.

Date

Signed at Shiga-ken and Niigata-ken, Japan

this 13th day of July, 1998

INVENTOR(S):

Inventor(s)
full
signature(s)

秋下 夏夫

Sadao Akishita

Ziye Li

Ziye Li

Toshihiko Kato

Toshihiko Kato

WITNESSES:

Witnesses'
full
Signatures

J. J. Morimoto

Tosiyasu Saito

PATENT

RECORDED: 07/24/1998

REEL: 9408 FRAME: 0213