08-27-2003

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	(M (M)
102537414 Please record the attached ori	ginal documents or copy thereof.
1. Name of conveying party(ies):	2. Name and address of receiving party(ies)
[FAMILY NAME (ALL CAPS), Given Name	Name: MITSUBISHI FUSO TRUCK AND BUS
NAKAMURA, Takeshi	CORPORATION
KUMAZAWA, Atsushi All 2 2 2003 &	Internal Address:
OGI, Osamu	Street Address: 16-4, Konan 2-chome, Minato-ku
UMEMOTO, Osamu	City: Tokyo State: ZIP:
, ADEM	Country: Japan Postal Code: 108-8285
Additional name(s) of conveying party(ies) attached? XES NO	Additional name(s) & address(es) attached? YES NO
3. Nature of conveyance:	
☐ Security Agreement ☐ Change of Name	
Other:	
Execution Date: April 3, 2003	
4. Application number(s) or patent number(s):	
If this document is being filed together with a new application, t	·•
A. Patent Application No(s).	B. Patent No.(s).
10/305,235	
Additional numbers attac	
Name and address of party to whom correspondence concerning document should be mailed:	6. Total No. of applications/patents involved: one (1)
Name: BIRCH, STEWART, KOLASCH & BIRCH, LLP	7. Total fee (37 C.F.R. § 3.41): \$40.00
Street Address: P.O. BOX 747	Enclosed
City: FALLS CHURCH State: VA ZIP: 22040-0747	Authorized to be charged to deposit account, if no fee attached.
Country: USA	8. Deposit account number: 02-2448
	(Attach triplicate copy of this page if paying by deposit account)
	E THIS SPACE
9. Statement and signature. Terrell C. Birch, #19,382 Name of Person Signing/Reg. No.	Signature August 22, 2003 Date
Total number of pages including cover sh	neet, attachments, and document: three (3)

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TCB:MH/pjh

(Rev. 04/30/03)

BIRCH, STEWART, KOLASCH & BIRCH, LLP

UNITED STATES PATENT RIGHTS, OR UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

ASSIGNMENT

	Application No. <u>10/305,235</u>		Filed November 27, 2002				
nsert Name(s) of Inventor(s)	***(Given Name FAMILY NAME (ALL CAPS))***						
	WHEREAS,	Takeshi NAKAMURA	Atsushi KUMAZAWA				
	Osamu OGI	Osamu UMEMOTO					
	(hereinafter designated as the	indersigned) has (have) invented cert	ain new and useful improvements in				
nsert Title of Invention	CONTROL CIRCUIT FOR V DETERMINING DEVICE FO		ION APPARATUS, AND ABNORMALITY				
	for which an application for undersigned (except in the case		of America has been executed by the				
nsert Date of Signing of Application	on December 9, 2002		; and				
nsert Name of Assignee	WHEREAS, <u>MITS</u>	UBISHI FUSO TRUCK AND BUS O	CORPORATION				
nsert Address of Assignee	of 16-4, Konan 2-chome, Mina	o-ku, Tokyo 108-8285, Japan					
CHECK BOX f appropriate		and interest in and to said invention	designated as the Assignee) is desirous of and in and to any Letters Patent(s) that				
	the receipt of which is hereby has (have) sold, assigned and Assignee the full and exclusive dependencies and possessions which may be granted there	acknowledged, and other good and transferred, and by these presents re right to the said invention in the and the entire right, title and interes	\$10.00) to the undersigned in hand paid, valuable consideration, the undersigned does sell, assign and transfer unto said United States of America, its territories, st in and to any and all Letters Patent(s) erica, its territories, dependencies and gn countries;				
	and to any and all divisions, reterms for which the same may		nd extensions thereof for the full term or				

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The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree (s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date _	April 3, 2003	Name of Inventor	Jalieshi Nakamura	
Date _	April 3, 2003	Name of Inventor	(signature) Takeshi NAKAMURA Atsushi Kumazawa (signature) Atsushi KUMAZAWA	
Date _	April 3, 2003	Name of Inventor	Osany Ogi (signature) Osamu OGI	
Date _	April 3, 2003	Name of Inventor	(signature) Osamu UMEMOTO	
Date _	,	Name of Inventor	(signature)	
Date _	· · · · · · · · · · · · · · · · · · ·	Name of Inventor	(signature)	-

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February 2002