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Form PTO-1595 (Rev. 9-04)

OMB No. 0651-0027 (exp. 6/30/05)

RECORDATION FC PATFN1

	102002:20
To the Director of the United States Patent and Trademark Office: F	Please record the attached documents or the new address(es) below.
1. Name of conveying party(ies)/Execution Date(s): Tomohiko Kawamoto, Katsuyuki Fujita, Tadashi Tokuyama, Masahiko Shigetsu, Masaaki Akamine, Hisaya Kawabata, Hideharu Iwakuni, and Akihide Takami Execution Date(s): August 9, 2004 Additional names of conveying parties attached? Yes x No 3. Nature of conveyance:	2. Name and address of receiving party(ies): Name: TOKYO ROKI CO., LTD. Address: Kanagawa, Japan AND Name: MAZDA MOTOR CORPORATION Address: 3-1, Shinchi, Fuchu-cho, Aki-gun, Hiroshima 735-8670 Japan Additional names, addresses, or citizenship attached? x No
4. Application or patent number(s): This docum A. Fatent Application No.(s) 10/933,808	ent is being filed together with a new application. B. Patent No.(s) med? Yesx_ No
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: James N. Kallis Internal Address: Brooks Kushman P.C. Street Address: 1000 Town Center Twenty-Second Floor City: Southfield	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00 Authorized to be charged by credit card Authorized to be charged to Deposit Account Enclosed None required (government interest not affecting title)
State: MI Zip: 48075-1238 Phone Number: (248) 358-4400 Fax Number: (248) 358-3351 Email Address: ikallis@bfookskushman.com 9. Signature: Signature! James N. Kallis Name of Person Signing	8. Payment Information: a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number Authorized User Name April 26, 2005 Date Total number of pages including cover sheet, attachments, and document: 8
04/29/2005 EC00PER 00000031 10933808 01 FC:8021 40.00 0P	sneet, attachments, and document: 8

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
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PATENT REEL: 016501 FRAME: 0531

FORM PTO-1595 (Modified)

RECOF



U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

102834844 To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Name: Mazda Motor Corporation Tomohiko Kawamoto, Katsuyuki Fujita, Tadashi Tokuyama, Masahiko Shigetsu, Masaaki Akamine, Hisaya Kawabata, Hideharu Iwakuni, Akihide Takami Internal Address: Additional name(s) of conveying party(ies) attached? Yes X No Street Address: 3-1, Shinchi, Fuchu-cho, Aki-gun, 3. Nature of conveyance: Hiroshima 735-8670, Japan X Assignment ____Merger City: _____ State: ____ Zip: ____ _____Change of Name __Security Agreement Other ____ Additional name(s) & address(es) attached? Yes X No Execution Date: August 9, 2004, August 9, 2004 August 9, 2004, August 9, 2004 4. Application number(s) or patent number(s): It this document is being filed together with a new application, the execution date of the application is: August 9, 2004 A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached? Yes 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: ____1 concerning document should be mailed: Name: James N. Kallis 7. Total Fee (37 C.F.R. § 1.21(h)) \$ 40.00 Address: Brooks Kushman P.C. X Enclosed 1000 Town Center, Twenty-Second Floor ____Authorized to be charged to Deposit Account City: Southfield State: MI ZIP: 48075-1238 8. Deposit Account Number: /07/2004 HLE333 00000050 10933808 (Attach duplicate copy of this page if paying by Deposit Account) FC:8021 40.00 OP 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. James N. Kallis September 3, 2004 Name of Person Signing Total number of pages including cover sheet, attachments, and document: 3

> Mail documents to be recorded with required cover sheet information to: Mail Stop Assignment Recordation Services, Director of the U.S. Patent and Trademark Office

<u>ASSIGNMENT</u>

For the sum of One Dollar (\$1.00) and other good and valuable consideration, receipt of which is hereby acknowledged, we Tomohiko KAWAMOTO, Katsuyuki FUJITA and Tadashi TOKUYAMA, of TOKYO ROKI CO., LTD. and Masahiko SHIGETSU, Masaaki AKAMINE, Hisaya KAWABATA, Hideharu IWAKUNI and Akihide TAKAMI, of MAZDA MOTOR CORPORATION, respectively, do hereby assign, sell and set over to TOKYO ROKI CO., LTD., a corporation organized and existing under the laws of the State of _ Japan and having a place of business at Kanagawa, Japan, and MAZDA MOTOR CORPORATION, a corporation organized and existing under the laws of the State of <u>Japan</u> and having a place of business at Hiroshima, Japan hereinafter referred to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and interest, domestic and foreign, in and to the inventions and discoveries in

EXHAUST GAS PURIFY	ING CATALYST
set forth in the application for Unit 9th day of August	ted States Letters Patent executed by us on the
, Applie	a United States Patent was filed on cation No (we hereby application filing date and number when they
make applications and to receive Letters Pa foreign countries in its or their own name we hereby assign, sell and set over to sai representatives, all rights of priority in an	s successors, assigns or other legal representatives to atent for said inventions and discoveries in any and all or names, or in our names, at its or their election, and d ASSIGNEE, its successors, assigns or other legal ad to said inventions and discoveries in all countries, of the filing date hereof, continuations, continuations-eissue applications.
representatives to execute any and all paper all kinds and in any and all countries and to	arselves, our heirs, successors, assigns or other legal rs, including applications for Letters Patent of any and perform any and all acts which said ASSIGNEE, its atives may deem necessary to secure thereto the rights
And we hereby represent inconsistent with the rights granted herein	and warrant that we have not granted any rights
Date: August 9 , 2004	Tomohiko KAWAMOTO
Date: August 9 , 2004	<u>Katsuyuhi</u> Frujita Katsuyuki FUJITA
Date: August 9 , 2004	<u>Tadashi Tokuyama</u> Tadashi TOKUYAMA
	PATENT

REEL: 016501 FRAME: 0533

Date: August 9, 2004	masahiho Shigeben
	Masahiko SHIGETSU
Date: August 9 , 2004	masaaki akamine
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Date: August 9 , 2004	Joseph Kamabata
	Hisaya KAWABATA
Date: August 9 , 2004	Hideharu Dwakuni
	Hideharu IWAKUNI
Date: August 9, 2004	A Rihide Takami
	Akihide TAKAMI

RECORDED: 04/23/2005