TO: The Commissioner of Patents

10-15-2003

U.S. Department of Commerce
Patent and Trademark Office

Submission Type
☐ New
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☐ Correction of PTO Error
Reel #014009 Frame #0258
☐ Corrective Document
Reel # Frame #

Conveyance Type
☐ Assignment
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Conveying Party(ies)
1. Kouji FUKUSUMI
2. Masahiko KURISHIGE
3. Noriyuki INOUE
4. Seiji SAKANISHI
5. Kenichi KAWAKAMI
6. Takayuki KIFUKU
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Receiving Party
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Attorney Docket No. 402539/Soga

Pages: Enter the total number of pages of the attached conveyance document including any attachments: 6

Application Number(s) or Patent Number(s)
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Patent Application Numbers
Patent Numbers
10/378,659

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Patent Cooperation Treaty (PCT)
Enter PCT application number only if a U.S. Application Number has not been assigned.
PCT PCT PCT

Number of Properties: Enter the total number of properties involved: 1

Fee Amount
Fee Amount for Properties Listed (37 CFR 3.41):

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Authorization to Charge Additional Fees to Deposit Account No. 12-1216:
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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. Charges to deposit account are authorized, as indicated herein.

Jeffrey A. Wyand
Name of Person Signing: Signature:

Assignment Title

REEL: 014577 FRAME: 0088
Submission Type
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☐ Correction of PTO Error
☐ Corrective Document

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Receiving Party
Name: Mitsubishi Denki Kabushiki Kaisha
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Attorney Docket No. 402539/SOGA

Execution Date(s)
March 11, 2003
March 13, 2003
March 11, 2003
March 13, 2003
March 13, 2003
March 13, 2003

Pages
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Jeffrey A. Wyand
Name of Person Signing
Jeplinar Wyand
Signature
April 29, 2003
Date

05/01/2003 GTUM11 00000109 121216 10378659
01 FT:8021 40.00 CH

PATENT
REEL: 014577 FRAME: 0089
ASSIGNMENT

In consideration of the sum of One Dollar ($1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned, Kouji FUKUSUMI, Masahiko KURISHIGE, Noriyuki INOUE, Seiji SAKANISHI, Kenichi KAWAKAMI and Takayuki KIFUKU hereby sells, assigns and transfers to MITSUBISHI DENKI KABUSHIKI KAISHA of 2-3, Marunouchi 2-chome, Chiyoda-ku, TOKYO 100-8310 JAPAN (hereinafter called the Assignee), its successors and assigns, the entire right, title, and interest in and to:

(i) the application for United States Letters Patent entitled MOTOR ABNORMALITY DETECTING APPARATUS which was executed by the undersigned on the dates indicated below or was filed on March 5, 2003 and accorded Serial No. 10/378,659 (hereinafter called the Application);

(ii) any and all inventions and improvements which are described in the Application;

(iii) any and all United States Letters Patents which may be granted on the Application (hereinafter called Patent);

(iv) any and all divisions, continuations, substitutes, reexaminations, reissues, or extensions of the Application or Patent, and

(v) all benefits under the International Convention for the Protection of Industrial Property.

Said Assignee of said patent application and the attorneys appointed to prosecute said patent application are authorized to insert in this instrument the filing date and serial number of said application.

The Commissioner of Patents and Trademarks is authorized to 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, or reissue patent applications; execute all additional assignments and other writings, including reexamination papers; and provide all reasonable assistance requested by the Assignee to secure and maintain appropriate patent protection.

INVENTOR(S):
(Kouji FUKUSUMI) Kouji FUKUSUMI
(Masahiko KURISHIGE) Masahiko KURISHIGE
(Noruyuki INOUE) Noruyuki INOUE
(Seiji SAKANISHI) Seiji SAKANISHI
(Kenichi KAWAKAMI) Kenichi KAWAKAMI
(Takayuki KIFUKU) Takayuki KIFUKU

DATE
March 11, 2003
March 13, 2003
March 11, 2003
March 13, 2003
March 13, 2003

RECORDED: 10/09/2003
PATENT REEL: 014577 FRAME: 0090