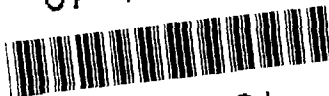


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1. Name of conveying party(ies):

Takanori MATSUNAGA

Toshinori MATSUI

Takashi MAEDA

Hiroshi FUJIOKA

Additional name(s) of conveying party(ies) attached?

☐ yes

☒ no

2. Name and address of receiving party(ies)?

06/26/01
09/888375
JCS903 U.S. PTO
06/26/01

09/888375

MITSUBISHI DENKI KABUSHIKI KAISHA

2-3, Marunouchi 2-chome

Chiyoda-ku, Tokyo 100-8310

JAPAN

3. Nature of Conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Names

☐ Other

Additional name(s) & address(es) attached?

☐ yes

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Execution Date: June 4, 2001

4. Application number(s) or patent number(s):

09/888375
If this document is being filed together with a new application, the execution date of the application is: June 4, 2001

A. Patent Application No.(s)/Confirmation No.(s)

/

B. Patent No.(s)

Additional numbers attached?

☐ Yes

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5. Name and address of party to whom correspondence concerning document should be mailed:

SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC

2100 Pennsylvania Avenue, N.W.

Suite 800

Washington, D.C. 20037-3213

6. Total number of applications and registration involved:

1

7. Total Fee (37 CFR 3.41): \$40.00

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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.

Robert J. Seag, Jr.

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June 26, 2001

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PATENT
REEL: 011947 FRAME: 0432

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, _____

Takanori MATSUNAGA, Toshinori MATSUI, Takashi MAEDA and
Hiroshi FUJIOKA

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
FAILURE DIAGNOSIS APPARATUS

which was executed by the undersigned on the dates indicated below
 or was filed on _____ and accorded Serial No.
 _____ (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) :

DATE

(Takanori MATSUNAGA) Takanori Matsunaga

June 4, 2001

(Toshinori MATSUI) Toshinori Matsui

June 4, 2001

(Takashi MAEDA) Takashi Maeda

June 4, 2001

(Hiroshi FUJIOKA) Hiroshi Fujioka

June 4, 2001

PATENT

RECORDED: 06/26/2001

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