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1. Name of conveying party(ies):

Izuru SHINJO  
Shigeki TSUJII  
Yoshinori TATENUMA  
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Name and address of receiving party(ies):

154834 U.S. PTO  
10/704672  
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Additional name(s) of conveying party(ies) attached?  Yes  No

3. Nature of conveyance:

- Assignment  Merger
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- Other

Execution Date: September 26, 29, 26, 30, 30, 30, 2003

Additional name(s) & address(es) attached?  Yes  No

4. Application number(s) or patent number(s): 101704672

If this document is being filed together with a new application, the execution date of the application is: September 26, 29, 26, 30, 30, 30, 2003

A. Patent Application No.(s)  
Not Yet Assigned

B. Patent No.(s)  
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Additional numbers attached?  Yes  No

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

SUGHRUE MION, PLLC  
WASHINGTON OFFICE  
23373  
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6. Total number of applications and patents involved: 1

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

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November 12, 2003

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## 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, Izuru SHINJO, Shigeki TSUJII, Yoshinori TATENUMA, Hiroshi SAKANOUÉ, Masahiro YOKOTANI and Ryouichi SASAHARA 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 MAGNETIC DETECTION APPARATUS AND METHOD OF MANUFACTURING THE SAME 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
(Izuru SHINJO) <u>Izuru Shinjo</u>	<u>September 26, 2003</u>
(Shigeki TSUJII) <u>Shigeki Tsujii</u>	<u>September 29, 2003</u>
(Yoshinori TATENUMA) <u>Yoshinori Tatenuma</u>	<u>September 26, 2003</u>
(Hiroshi SAKANOUÉ) <u>Hiroshi Sakanoue</u>	<u>September 30, 2003</u>
(Masahiro YOKOTANI) <u>Masahiro Yokotani</u>	<u>September 30, 2003</u>
(Ryouichi SASAHARA) <u>Ryouichi Sasahara</u>	<u>September 30, 2003</u>