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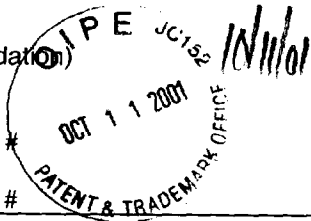
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PATENT

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- Assignment
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Conveying Party(ies)

1. Yusuke ITABA
2. Kyoko TANAKA
3. Toshihiko KAYUKAWA
4. Tamaki SABURI
5. Koichi ISHIDA
6. _____

Execution Date(s)

- September 21, 2001
- September 20, 2001
- September 21, 2001
- September 21, 2001
- September 20, 2001

Mark if Additional Names of Conveying Parties Attached

Receiving Party

Name Mitsubishi Denki Kabushiki Kaisha
 Name _____
 Address 2-3, Marunouchi 2-chome, Chiyoda-ku
 Address _____
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 City State/Country Zip Code

Mark if Additional Names of Receiving Parties Attached

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 Attorney Docket No. 400925

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Application Number(s) or Patent Number(s)

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Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Numbers

Patent Numbers

09/712,175

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.

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number *only* if a U.S. Application Number has not been assigned.

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Enter the total number of properties involved: 1

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Fee Amount for Properties Listed (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. Charges to deposit account are authorized, as indicated herein.

Jeffrey A. Wyand

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Signature

October 11, 2001

Date

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PATENT
REEL: 012249 FRAME: 0895

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, Yasuke ITABA, Kyoko TANAKA, Toshihiko KAYUKAWA, Tamaki SABURI and Koichi ISHIDA

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 PERIPHERAL DEVICE OF A PROGRAMMABLE CONTROLLER AND MONITORING METHOD OF SAID PERIPHERAL DEVICE which was executed by the undersigned on November 15, 2000 or was filed on November 15, 2000 and accorded Serial No. 09/712,175 (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
<u>Yusuke ITABA</u> <u>Yusuke ITABA</u>	<u>21/09/2001</u>
<u>Kyoko TANAKA</u> <u>Kyoko TANAKA</u>	<u>20/09/2001</u>
<u>Toshihiko KAYUKAWA</u> <u>Toshihiko Kayukawa</u>	<u>21/09/2001</u>
<u>Tamaki SABURI</u> <u>Tamaki Saburi</u>	<u>21/09/2001</u>
<u>Koichi ISHIDA</u> <u>Koichi Ishida</u>	<u>20/09/2001</u>

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