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Yasunobu IWATA, Taku WATANABE, Shigeki
YAMADA, Hiroyasu KIMURA, Teruyuki HARADA
Tomoko NAKAMURA
Additional name(s) of conveying party(ies) attached?
 yes no

2. Name and address of receiving party(ies)?
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JC841 U.S. PTO
09/722306
11/26/00

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Names
 Other

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 yes no

Execution Date: September 20, 2000

4. Application number(s) or patent number(s):
If this document is being filed together with a new application, the execution date of the application is: September 20, 2000
A. Patent Application No.(s) B. Patent No.(s)
09/722306 Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Robert J. Seas, Jr.
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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. Seas, Jr. Reg. No. 21,092 November 28, 2000 Date

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PATENT
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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, Yasunobu IWATA, Taku WATANABE, Shigeki YAMADA, Hiroyasu KIMURA, Teruyuki HARADA and Tomoko NAKAMURA

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 LADDER CIRCUIT EDITING SYSTEM

which was executed by the undersigned on _____ or was filed on July 30, 1998 and accorded Serial No. PCT/IP 98/03402 (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
(Yasunobu IWATA) <u>Yasunobu IWATA</u>	<u>September 20, 2000</u>
(Taku WATANABE) <u>Taku WATANABE</u>	<u>September 20, 2000</u>
(Shigeki YAMADA) <u>Shigeki YAMADA</u>	<u>September 20, 2000</u>
(Hiroyasu KIMURA) <u>Hiroyasu KIMURA</u>	<u>September 20, 2000</u>
(Teruyuki HARADA) <u>Teruyuki HARADA</u>	<u>September 20, 2000</u>
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