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Leydig, Voit & Mayer, Ltd. 700 Thirteenth St., N.W. Suite 300 Washington, D.C. 20005-3960				Telephone: (202) 737-6770 Facsimile: (202) 737-6776 Attorney Docket No. 401073				
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**PATENT** 

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Conveying Party(les)  1. Hideaki MINAMIDE 2. Teruaki TANAKA 3. Yoshiko SHIOMOTO 4. Shigeki NANKAKU 5. Shigeki NANKAKU 5. 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 Address Address Tokyo City State/Country  Mark if Additional Names of Receiving Parties Attached  Correspondent Name and Address  Telephone: (202) 737-6							
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Jeffrey A. Wyand; Reg. No. 29,458  Name of Person Signing  Name of Person Signing  Nate							

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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 acknowledged, the undersigned,

Hideaki MINAMIDE, Teruaki TANAKA, Yoshiko SHIOMOTO and Shigeki NANKAKU of c/o Mitsubishi Denki Kabushiki Kaisha 2-3, Marunouchi 2-chome, Chiyoda-ku, TOKYO 100-8310 JAPAN sells, assigns, and transfers to Mitsubishi Denki Kabushiki Kaisha of 2-3, Marunouchi 2-chome, Chiyoda-ku, TOKYO 100-8310 JAPAN (the Assignee), its successors and assigns, the entire right, title, and interest in and to: the application for United States Letters Patent entitled: (i)PROGRAMMABLE CONTROLLER, AND CONTROL-PROGRAM-DEVELOPMENT SUPPORTING APPARATUS which was executed by the undersigned on January 29 2001 or was filed on \_\_\_\_\_ and accorded Serial \_\_\_\_ (the Application); any and all inventions and improvements that are described (ii) in the Application; any and all United States Letters Patents that may be (iii) granted on the Application (the Patent); any and all divisions, continuations, reexaminations, (iv) reissues, or extensions of the Application or the Patent; and

I authorize the Assignee and its agents to insert in this instrument the filing date and serial number of the Application.

Protection of Industrial Property.

(V)

all benefits under the International Convention for the

I authorize and request the Commissioner of Patents to issue any and all Letters Patent, when granted, to the Assignee.

PATENT REEL: 011563 FRAME: 0082 Further, it is agreed that, when requested, without charge to, but at the expense of, the Assignee, the undersigned will execute all divisional, continuing, or reissue patent applications; execute all additional assignments and other writings, including reissue and reexamination papers; and provide all reasonable assistance requested by the Assignee to secure and maintain appropriate patent protection for any invention described in the Application.

INVENTOR	Date
Nideaki Minamide Hideaki MINAMIDE	Jan. 29, 2001
Teruali Tanaka	<u>Jan. 29, 200</u> 1
Toshiko Shiomoto Yoshiko SHIOMOTO	<u>Jan. 29, 200</u> 1
Shigeki NANKAKU	<u>Jan. 29, 200</u> 1
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RECORDED: 02/07/2001

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