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To the Honorath Commissioner  1. Name of conveying party(les): (1) Kazuyuki OHTSU (2) Hiroko SUZUKI (3) Masayuki TASHIRO  Additional name(s) of conveyinge party(les) allached? U Yes 12 Internal Address:  1. Name and address of receiving party(les) Name: FUJITSU LIMITED Internal Address:  1. Name and address of receiving party(les) Name: FUJITSU LIMITED Internal Address:  1. Name and address of receiving party(les) Name: FUJITSU LIMITED Internal Address:  1. Name and address of receiving party(les) Name: FUJITSU LIMITED Internal Address:  1. Name and address of receiving party(les) Name: FUJITSU LIMITED Internal Address:  2. Name and address of receiving party(les) Name: FUJITSU LIMITED Internal Address:  2. Name and address of receiving party(les) Name: FUJITSU LIMITED Internal Address:  2. Name and address of receiving party(les) Name: FUJITSU LIMITED Internal Address:  2. Name and address of receiving party(les) Name: FUJITSU LIMITED Internal Address:  2. Name and address of receiving party(les) Name: FUJITSU LIMITED Internal Address:  2. Name and address of receiving party(les) Name: FUJITSU LIMITED Internal Address:  2. Name and address of receiving party(les) Name: FUJITSU LIMITED Internal Address:  2. Name and address of receiving party(les) Name: FUJITSU LIMITED Internal Address:  2. Name and address of receiving party(les) Name: FUJITSU LIMITED Internal Address:  2. Name and address of receiving party(les) Name: FUJITSU LIMITED Internal Address:  2. Name and address of receiving party(les) Name: FUJITSU LIMITED Internal Address:  2. Name and address of receiving party(les) Name: FUJITSU LIMITED Internal Address:  2. Name and address of receiving party(les) Name: FUJITSU LIMITED Internal Address:  2. Name and address of receiving party(les) Name: FUJITSU LIMITED Internal Address:  2. Name and address of receiving party(les) Name: FUJITSU LIMITED Internal Address:  2. Name and address of receiving party(les) Name: FUJITSU LIMITED Internal Address:  3. Address:  4. Application Address:  5. Name and address	OMD 116 - 0651-0011 (6×p. 4/94)	// <b>11</b> 11/1 (1111 ) 111/1 (1111 ) 111/1 (111/1 )	1	Patent and	d Hademark Office
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3. Nature of conveyance:  3. Nature of conveyance:  4. Assignment  4. Application number(s) or patent number(s): Oq 431902  If this document is being filed together with a new application, the execution date of the application is: October 21,  A. Patent Application No.(s)  B. Patent No.(s)  5. Name and address of party to whom conespondence concerning document should be malled:  Name: HELFGOTT & KARAS, P.C.  Internal Address: EMPTRE STATE BUILDING  Street Address: 1-1, Kamikodanaka 4-chome Street Address: 1-1, Kamikodanaka 4-chome Nakahara-ku, Kawasaki-shi,  City: Kanagawa State: ZIP: 211  Country: Japan  Additional name(s) & address(os) attached? U Yes & No Its application is: October 21,  B. Patent No.(s)  6. Total number of applications and patents involved:  7. Total fee (37 CFR 3.41)	(1)Kazuyuki OHTSU (2)Hiroko SUZUKI		Name and address of re Name: <b>FUJITSU I</b>	celving party(les) LIMITED	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
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Country: Japan Additional name(s) & address(es) attached? U Yes & No  4. Application number(s) or patent number(s): Oq U31902  If this document is being filed together with a new application, the execution date of the application is: October 21,  A. Patent Application No.(s)  B. Patent No.(s)  DOCKET NO.: FUJY 16.705  Additional numbers attached? U Yes U No  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: HELFGOTT & KARAS, P.C.  Internal Address: EMPIRE STATE BUILDING  6. Total number of applications and patents involved:  7. Total fee (37 CFR 3.41)	U Other		Clly: <b>Kanagawa</b>	State:	ZIP: 211-8588
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Filed by Express Mall (Receipt No. 1945) on (1925) pursuent to 37 C.F.R. 1.10. by

**PATENT REEL: 010372 FRAME: 0296** 

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## UNITED STATES

## ASSIGNMENT

Docket No. FUJY 16.705

WHEREAS, the below named inventor, ASSIGNOR, has made a certain new and useful invention in:  GATEWAY APPARATUS
GAILWAI AFFARAIUS
for which
(check one) [x] an application is being filed concurrently herewith,  [ ] an application for a Patent of the United States was filed on  [ ] and given Application Serial No.
and WHEREAS, FUJITSU LIMITED  having a place of business at 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi,
Kanagawa 211-8588 Japan , ASSIGNEE
is desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application:
NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, the said ASSIGNOR, has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventor's certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;  ASSIGNOR authorizes and requests the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.
AND ASSIGNOR covenants and agrees that he has full right to convey the entire interest nerein assigned, and has
not executed, and will not execute, any agreement in conflict herewith.  AND ASSIGNOR further covenants and agrees that he will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.
Kazuyuki OHTSU
Inventor's signature
Full name of second joint inventor, if any Hiroko SUZUKT  Second Inventor's signature  Residence Kawasaki-shi Kanagawa Japan  Post Office Address  C/O FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku,  Kawasaki-shi, Kanagawa 211-8588 Japan
Full name of third joint inventor, if any  Third Inventor's signature  Residence  Kawasaki-shi, Kanaqawa, Japan  Post Office Address  C/O FUJITSU LIMITED 1-1, Kamikodanaka 4-chome, Nakahara-ku,  Kawasaki-shi, Kanaqawa 211-8588 Japan

**RECORDED: 11/02/1999** 

PATENT REEL: 010372 FRAME: 0297