
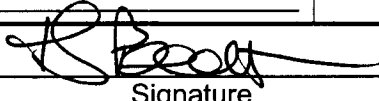


<div style="display: flex; justify-content: space-between;"><div><div style="text-align: right;">12/28/04</div><div style="text-align: left;">R</div></div><div style="text-align: center;">01-14-2005</div><div style="text-align: right;">T</div></div> <div style="text-align: center; margin-top: 10px;"></div> <div style="text-align: right; margin-top: 10px;">Attorney Docket No.: FUJI 21.630</div>		<div style="writing-mode: vertical-rl; transform: rotate(180deg);">11/02/2004 U.S. PTO</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">11/02/2004</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">122804</div>
To the Director of the U.S. Patent and Trademark Office		
102920088		
<div style="display: flex;"><div style="flex: 1;"><b>1. Name of conveying party(ies)/Execution Date(s):</b> Masaki HIROTA Kazuto NISHIMURA Yasushi SASAKAWA Kou TAKATORI 1- December 2, 2004 2-December 16, 2004 3&amp;4- December 15, 2004 Execution Date(s) _____ Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</div><div style="flex: 1;"><b>2. Name and address of receiving party(ies)</b> Name: FUJITSU LIMITED Internal Address: _____ Street Address: 1-1 Kamikodanaka 4-chome Nakahara-ku, Kawasaki-shi, Kanagawa City: _____ State: _____ Country: Japan Zip: 211-8588 Additional name(s) &amp; address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</div></div>		
<b>3. Nature of conveyance:</b> <div style="display: flex; flex-wrap: wrap;"><div style="width: 50%;"><input checked="" type="checkbox"/> Assignment</div><div style="width: 50%;"><input type="checkbox"/> Merger</div><div style="width: 50%;"><input type="checkbox"/> Security Agreement</div><div style="width: 50%;"><input type="checkbox"/> Change of Name</div><div style="width: 50%;"><input type="checkbox"/> Government Interest Assignment</div><div style="width: 50%;"><input type="checkbox"/> Executive Order 9424, Confirmatory License</div><div style="width: 50%;"><input type="checkbox"/> Other _____</div></div>		
<b>4. Application or patent number(s):</b> <input checked="" type="checkbox"/> This document is being filed together with a new application. A. Patent Application No.(s) _____ B. Patent No.(s) _____ Additional numbers attached? <input type="checkbox"/> Yes <input type="checkbox"/> No		
<b>5. Name and address to whom correspondence concerning document should be mailed:</b> Name: Katten Muchin Zavis Rosenman Internal Address: _____ Street Address: 575 Madison Avenue 15th Floor, IP Department City: New York State: New York Zip: 10022-2585 Phone Number: 212-940-8800 Fax Number: 212-940-8986/8987 Email Address: _____		<b>6. Total number of applications and patents involved:</b> 1 <b>7. Total fee (37 CFR 1.21(h) &amp; 3.41) \$ 40.00</b> <input type="checkbox"/> Authorized to be charged by credit card <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title) <b>8. Payment Information</b> a. Credit Card Last 4 Numbers _____ Expiration Date _____ b. Deposit Account Number 50-1290 Katten Muchin Zavis Authorized User Name Rosenman
<b>9. Signature:</b>  THOMAS J. BEAN Name of Person Signing December 28, 2004 Date Total number of pages including cover sheet, attachments, and documents: 4		

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

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PATENT  
REEL: 016142 FRAME: 0375

**ASSIGNMENT**

**WHEREAS, the below named inventors, ASSIGNOR, has made a certain new and useful invention in:** METHOD FOR PREVENTING CONTROL PACKET LOOP AND BRIDGE APPARATUS USING THE METHOD

for which

(check one) ☒ 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 herein 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.

Full name of sole or first inventor Masaki Hirota  
Inventor's Signature Masaki Hirota Date Dec 2, 2004  
Residence Kawasaki, Japan Citizenship Japan  
Post Office Address c/o FUJITSU LIMITED,  
1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 Japan

Docket No. \_\_\_\_\_

Full name of second joint inventor, if any Kazuto Nishimura  
Second Inventor's Signature Kazuto Nishimura Date Dec. 16, 2004  
Residence Kawasaki, Japan Citizenship Japan  
Post Office Address c/o FUJITSU LIMITED,  
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Full name of third joint inventor, if any Yasushi Sasakawa  
Third Inventor's Signature Yasushi Sasakawa Date Dec. 15, 2004  
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Full name of fourth joint inventor, if any Kou Takatori  
Fourth Inventor's Signature Kou Takatori Date Dec. 15, 2004  
Residence Kawasaki, Japan Citizenship Japan  
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Full name of fifth joint inventor, if any \_\_\_\_\_  
Fifth Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_  
Residence \_\_\_\_\_ Citizenship \_\_\_\_\_  
Post Office Address \_\_\_\_\_

Full name of sixth joint inventor, if any \_\_\_\_\_  
Sixth Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_  
Residence \_\_\_\_\_ Citizenship \_\_\_\_\_  
Post Office Address \_\_\_\_\_

Full name of seventh joint inventor, if any \_\_\_\_\_  
Seventh Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_  
Residence \_\_\_\_\_ Citizenship \_\_\_\_\_  
Post Office Address \_\_\_\_\_

Full name of eighth joint inventor, if any \_\_\_\_\_  
Eighth Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_  
Residence \_\_\_\_\_ Citizenship \_\_\_\_\_  
Post Office Address \_\_\_\_\_