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10-12-2001



TO THE ASSISTANT COMMISSIONER FOR PATEINTS. TRUS	3.72390 suments or copy thereof.
Name of conveying party(ies): (If multiple assignors, list numerically)	2. Name and address of receiving party(ies):
1. Hiroyuki Tomino 2. Takatsugu Nishi	Name: Allied Telesis Kabushiki Kaisha Internal Address: ~ Street Address: 2nd TOC Bldg., 7-22-17 Nishi-Gotanda,
Additional name(s) of conveying party(ies) attached?  ( ) Yes (X) No	Shinagawa-ku, Tokyo 141-8635 Japan City: ~ State: ~ ZIP: ~
	Additional name(s) of receiving party(ies) attached?  ( ) Yes (X) No
	29/14909/
3. Nature of conveyance:	4. Application number(s) or Patent number(s):
<ul> <li>(X) Assignment</li> <li>() Merger</li> <li>() Security Agreement</li> <li>() Change of Name</li> <li>() Other:</li> </ul>	<ul> <li>(X) Application(s) filed herewith Execution Date(s):</li> <li>() Patent Application No.: Filing Date:</li> </ul>
Execution Date: (If multiple assignors, list execution dates in numerical order corresponding to numbers indicated in 1 above) August 20, 2001	() Patent No.: Issue Date:
	Additional numbers attached? ( ) Yes (X) No
<ol> <li>Name and address of party to whom correspondence concerning document should be mailed:</li> </ol>	7. Total fee (37 CFR 1.21(h)): \$40
Name: John M. Carson KNOBBE, MARTENS, OLSON & BEAR, LLP	<ul><li>(X) Enclosed</li><li>(X) Authorized to be charged to deposit account</li></ul>
Customer No. 20,995 Internal Address: Sixteenth Floor Street Address: 620 Newport Center Drive	8. Deposit account number: 11-1410
City: Newport Beach State: CA ZIP: 92660 Attorney's Docket No.: SATOF2.001DUS	Please charge this account for any additional fees which may be required, or credit any overpayment to this account.
6. Total number of applications and patents involved: 1	
9. Statement and signature.	
To the best of my knowledge and belief, the foregoing information original document.	on is true and correct, and any attached copy is a true copy of the
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U.S. Patent and Trademark Office Attn: Assignment Division Crystal Gateway-4 1213 Jefferson Davis Highway, Suite 320 Arlington, VA 22202

> **PATENT REEL: 12229 FRAME: 0828**

Docket No. (cont'd
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## **U.S. ASSIGNMENT**

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by Allied Telesis Kabushiki Kaisha, 2nd TOC Bldg., 7-22-17 Nishi-Gotanda, Shinagawa-ku, Tokyo 141-8635 Japan (hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below: \*filed on is hereby authorized to insert the series code, serial number and/or filing date hereon, when known) and all Letters Patent of the United States to be obtained therefor on said application or any continuation, divisional, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted. The ASSIGNOR agrees to execute all papers necessary in connection with the application and any continuation, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient. The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding. IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s). Hiroyuki Tomino (TYPE NAME) Takatsugu Nishi (TYPE NAME) (DATE) (TYPE NAME) (SIGNATURE) (TYPE NAME) (DATE) (SIGNATURE) (DATE) (TYPE NAME) (SIGNATURE) (TYPE NAME) (DATE) (SIGNATURE) (DATE) (TYPE NAME) (SIGNATURE) (DATE) (TYPE NAME) (SIGNATURE)

> PATENT REEL: 12229 FRAME: 0829