

09-15-2003

Attorney Docket No. 56208.52441US



102550144

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

1. Yuichi KURAMOCHI
2. Toshiro MANAKA
3. Hiroyuki SAITO
4. Yoshida TATSUYA



## 2. Name and address of receiving party(ies)

Name: **HITACHI, Ltd.**  
Address: **6, Kanda Surugadai 4-chome,**  
**Chiyoda-ku, Tokyo**  
**Japan**

## 3. Nature of Conveyance:

☒ Assignment

Execution Date: 1. May 14, 2003 2. May 14, 2003  
3. May 14, 2003 4. May 16, 2003

## 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:

A. Patent Application No.(s)

10/436,463

B. Patent No(s).

Additional numbers attached? \_\_ Yes ☒ No5. Name and address of party to whom  
correspondence concerning document  
should be mailed:

**Crowell & Moring LLP**  
**Intellectual Property Group**  
**P.O. Box 14300**  
**Washington, D.C. 20044-4300**

6. Total number of applications and patents involved: 17. Total Fee (37 CFR 3.41): **\$ 40.00**☒ Enclosed. Please charge any underpayment in connection  
with this Assignment to Deposit Account No. 05-1323☐ Authorized to be charged to Deposit Account

## 8. Deposit Account No.

(Attach dupl. copy of this page if paying by Deposit Account)

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## 9. Statement and Signature.

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.

Gary R. Edwards

Reg. No. 31,824

September 8, 2003  
Date

TOTAL NUMBER OF PAGES INCLUDING COVER SHEET, ATTACHMENTS, AND DOCUMENT: 2

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents and Trademarks  
Mail Stop Assignment Recordation Services  
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Alexandria, VA 22313-1450

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**ASSIGNMENT**  
( 譲 渡 証 )

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan by HITACHI, LTD., a corporation organized under the laws of Japan, located at 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said HITACHI, LTD., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

**COMMUNICATION CONTROL UNIT AND A WAY TO FIND A FAILURE**

invented by me (if only one is named below ) or us (if plural inventors are named below ) and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said HITACHI, LTD., its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said HITACHI, LTD.

Signed on the date(s) indicated aside signatures:

INVENTOR(S)  
(発明者フルネームサイン)

Date Signed  
(署名日)

1) <u>Taichi Kuranishi</u>	<u>5/14/2003</u>
2) <u>Toshio Manaka</u>	<u>5/14/2003</u>
3) <u>Aoyuki Sato</u>	<u>5/14/2003</u>
4) <u>Tatsuya Yoshida</u>	<u>5/16/2003</u>
5) _____	_____
6) _____	_____
7) _____	_____
8) _____	_____
9) _____	_____
10) _____	_____