

01-11-2002

Docket No.: 520.39730X00

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

101941790

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

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

Masami TAKAHASHI, ANITA TAKIMOTO, Takahiko KOZAKI, Takahiko KOZAKI, Takayuki KANNO, Yasuo OGINUMA, Kaori NAKAYAMA, Mitsuhiro WADA, Norihiko MORIWAKI, Masumi FUKANO, Yusho FUTAMI

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: Feb. 5, 8, 2001

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

Name: Hitachi, Ltd.

Street Address: 6, Kanda Surugadai 4-chome, Chiyoda-ku

City: Tokyo:

Country: Japan

Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 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)  
U.S. Application No. 09/791,791 filed Feb. 26, 2001

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: ANTONELLI, TERRY, STOUT &amp; KRAUS, LLP

Internal Address:

Street Address: 1300 North Seventeenth Street  
Suite 1800

City: Arlington State: VA Zip: 22209

## 6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$40.00

- ☒ Enclosed  
☒ Any deficiencies may be charged to deposit account  
☐ Authorized to be charged to deposit account

## 8. Deposit account number: 01-2135

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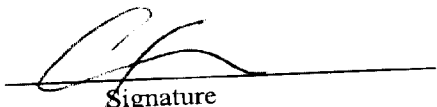
## 9. Statement and signature.

*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.*Carl I. Brundidge

Name of Person Signing

Attorney Registration No. 29,621

Total number of pages including cover sheet, attachments, and document: 5

  
SignatureJanuary 9, 2002

Date

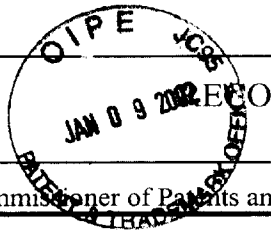
OMB No. 0651-0011 (exp. 4/94)

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PATENT  
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03-13-2001



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Docket No.:520.39730X00

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☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

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City: Tokyo:

Country: Japan

Additional name(s) & address(es) attached? ☐ Yes ☒ No

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B. Patent No.(s)

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*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.*

Melvin Kraus

Name of Person Signing

Attorney Registration No. 22,466

Melvin Kraus  
SignatureFebruary 26, 2001

Date

Total number of pages including cover sheet, attachments, and document: 2

OMB No. 0651-0011 (exp. 4/94)

# 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

## SHARED BUFFER TYPE VARIABLE LENGTH PACKET SWITCH

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>Masami Takahashi</u>	<u>2/5/2001</u>
2) <u>Akio Makimozo</u>	<u>2/8/2001</u>
3) <u>Takahiko Kozaki</u>	<u>2/5/2001</u>
4) <u>Takayuki Hanao</u>	<u>2/5/2001</u>
5) <u>Yasuo Oginuma</u>	<u>2/5/2001</u>
6) <u>Kaori Nakayama</u>	<u>2/5/2001</u>
7) <u>Motokazu Wada</u>	<u>2/5/2001</u>
8) <u>Naohiko Maruaki</u>	<u>2/5/2001</u>
9) <u>Masumi Takano</u>	<u>2/8/2001</u>
10) <u>Yusko Futami</u>	<u>2/5/2001</u>