PATENTS ON

07-01-1999

101080565 Patents and Trademarks: Please record the attached original document or copy thereof.

1. Name of Party(ies) conveying an interest:

> Nagayuki HIROTA; Hiroshi SEKINO; Shigeki MORIMOTO; Yoshihito SAKO; Masashi FUKUDA

-29.99

Name and Address of Party(ies) 2. receiving an interest:

> HITACHI, LTD. 6, Kanda Surugadai 4-chome Chiyoda-ku, Tokyo, JAPAN and

HITACHI INFORMATION TECHNOLOGY CO., LTD. 1, Horiyamashita, Hadano-shi, Kanagawa-ken, JAPAN

- Description of the interest conveyed: Assignment
- Application number(s) or patent number(s).

Additional sheet attached? Yes XXX No

If this document is being filed together with a new application, the execution date of the application is: DATE

Patent Application No.(s)

B. Patent No.(s)

09/321,121

Name and address of party to whom correspondence concerning document should

Thomas E. Beall, Jr. Fay, Sharpe, Beall, Fagan, Minnich & McKee 104 East Hume Avenue Alexandria, Virginia 22301

- Number of applications and patents involved:
- Amount of fee enclosed or authorized to be charged: \$40.00
- The Commissioner is hereby authorized to charge Deposit Account No. 02-1540 if no check is attached.

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9. Execution date of attached document: April 26, 1999

10. To the best of my knowledge and belief, I declare under penalty of perjury under the laws of the United States of America that the foregoing information is true and correct and that any attached copy is a true copy of the original document.

John R. Mattingly

Name of Person Signing

June 29, 1999 Date

Total number of pages being submitted: 2

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PATENT REEL: 010057 FRAME: 0449

U.S.A.
(JOINT INVENTORS)

ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to Nagayuki HIROTA, Hiroshi SEKINO, Shiqeki MORIMOTO, Yoshihito SAKO, and Masashi FUKUDA,

citizens of Japan by HITACHI, LTD., and Hitachi Information Technology Co., Ltd., corporations organized under the laws of Japan,

located at 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo, Japan, and 1, Horiyamashita, Hadano-shi, Kanagawa-ken, Japan, respectively,

receipt of which is hereby acknowledged, we, the said Nagayuki HIROTA, Hiroshi SEKINO, Shigeki MORIMOTO, Yoshihito SAKO, and Masashi FUKUDA,

do hereby sell and assign to said HITACHI, LTD., and Hitachi Information Technology Co., Ltd.,

their successors and assigns, all our right, title and interest, in and for the United States of America, in and to "PACKET SWITCHING METHOD AND APPARATUS THEREOF"

invented by us 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 extentions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said HITACHI, LTD., and Hitachi Information Technology Co., Ltd.

their 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 us if this assignment and sale had not been made;

And we hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of said 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, extention, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And we do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said HITACHI, LTD., and Hitachi Information Technology Co., Ltd.

Signed on the dates indicated aside our signatures:

INVENTORS (発明者フルネームサイン)	Date Signed (署名日)	Witnesses (立会人サイン)
1) <u>Nagayuhi Hirota</u> (Nagayuki HIROTA)	April 26, 1999	Gran Komes
2) <u>Pliroshi Sekine</u> (Hiroshi SEKINO)	April 26, 1999	Salu Kanai
3) Shigh Mount (Shigeki MORIMOTO)	April 26, 1999	Sobn Kongi
4) Yoshikile Sake (Yoshibito, SAKO)	April 26, 1999	Salu Kanas
5) Masus Tududan (Masashi FUKUDA)	April 26, 1999	gale Kongil
6)		DATENT

RECORDED: 06/29/1999

PATENT 'REEL: 010057 FRAME: 0450