

11-04-1998

IN THE UP



PATENTS ONLY  
TRADEMARK OFFICE

IN RE APPLICA 100867467  
FOR

Aikawa et al.

: DATA ENCRYPTING/  
DECRYPTING CONVERSION  
METHODS AND APPARATUS AND  
DATA COMMUNICATION SYSTEM  
ADOPTING THE SAME

SERIAL NO. : 09/130,529  
FILED : August 4, 1998  
ART UNIT : 3642  
EXAMINER : Unknown  
LAST OFFICE ACTION : None  
ATTORNEY DOCKET NO. : HIT 2 938

Cleveland, Ohio 44114-2518  
October 20, 1998

ASSIGNMENT TRANSMITTAL LETTER

Assistant Commissioner for Patents  
Washington, DC 20231

Dear Sir:

Please record the attached original document  
or copy thereof.

1. Name of Parties conveying an interest:

1. Makoto Aikawa
2. Kazuo Takaragi
3. Hiroyuki Koreeda
4. Manabu Sasamoto
5. Hiroo Okamoto
6. Takaharu Noguchi
7. Soichi Furuya
8. Shigeru Hirahata

CERTIFICATE OF MAILING

I hereby certify that this ASSIGNMENT TRANSMITTAL LETTER AND  
ASSIGNMENT for Serial No. 09/130,529 are being deposited with the  
United States Postal Service as first class mail in an envelope  
addressed to: Assistant Commissioner for Patents, Washington, D.C.  
20231 on the 30 day of October, 1998.

Pamela S. Stepka

*P. Stepka*

11/03/1998 JMT/KJG 09/130,529 40.00 CP  
FC:541

PATENT  
REEL: 9550 FRAME: 0194

2. Name and Address of Party receiving an interest:

Name: Hitachi, Ltd.  
Street Address: 6, Kanda Surugadai 4-chome,  
Chiyoda-ku,  
City: Tokyo  
Country: JAPAN ZIP:

3. Description of the interest conveyed:

☒ Assignment ☐ Change of Name  
☐ Security Agreement ☐ Merger  
Other

Execution Date: October 1, 1998

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:

Date

A. Patent Application No.(s)

09/130,529

Additional sheet attached? ☐ Yes ☒ No

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

Name: Patrick R. Roche  
Firm: FAY, SHARPE, BEALL, FAGAN, MINNICH & McKEE  
Address: 1100 Superior Avenue - Seventh Floor  
City: Cleveland  
State: Ohio ZIP: 44114-2518

6. Number of applications and patents involved: 1

7. Amount of fee enclosed or authorized to be charged:

\$40.00

8. Deposit Account Number: 06-0308

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9. Statement and signature.

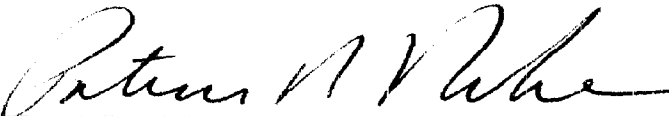
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Respectfully submitted,

FAY, SHARPE, BEALL,  
FAGAN, MINNICH & MCKEE

Date:

10/20/92



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TOTAL NUMBER OF PAGES - 4  
(INCLUDING TRANSMITTAL AND  
ASSIGNMENT)

## 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 "DATA ENCRYPTING/DECRYPTING CONVERSION METHODS AND APPARATUSES AND DATA COMMUNICATION SYSTEM ADOPTING THE SAME"

\* U.S. Serial No. 09/130,529 filed on August 4, 1998  
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)

## Witnesses

(立会人サイン)

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