

08-11-1999



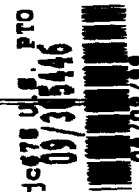
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Attorney Docket No.: 773-005

101113890

TO THE HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS:

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1. Name of conveying party(ies): **Hirokazu Ougi, Hideo Takashima, Hidenobu Taniguchi, Munetoshi Kouchi, Hiroshi Hayami, Hajime Asada and Hideki Harazaki**

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

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

Additional name(s) of conveying party(ies) attached?
 yes no

Name: **Hitachi Advanced Systems Corporation**
Address: 216 Totsukacho, Totsuka-ku
Yokohama-shi, Kanagawa, Japan

3. Nature of Conveyance
 Assignment Merger
 Security Agreement Change of Name
 Other _____

Name: **Hitachi Keiyo Engineering Co, Ltd.**
Address: 7-1-1, Higashinarashino
Narashino-shi, Chiba, Japan

Execution Date:
July 27, 1999

Additional names and addresses attached? yes no

4. Application number(s) or patent number(s):

09/365446

If this document is being filed together with a new application, the execution date of the application is August 2, 1999.

A. Patent Application No.(s)

B. Patent No.(s):

Not Yet Assigned

N/A

Additional numbers attached? Yes No

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

6. Total number of applications and patents involved:

Name: Joseph Sofer

40E

Internal Address: SOFER & HAROUN, LLP

Street Address: 342 Madison Avenue, Suite 1921

7. Total fee (37 C.F.R. 3.41) \$ 40.00 ✓

City: New York State: NY ZIP: 10173

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 Authorized to be charged to 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.

Joseph Sofer, Esq.
Name of Person Signing

August 2, 1999
Date

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

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ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar(\$1.00) or the equivalent thereof, and other good and valuable consideration paid to

Hirokazu Ougi, Hideo Takashima, Hidenobu Taniguchi, Munetoshi Kouchi, Hiroshi Hayami, Hajime Asada and Hideki Harazaki

citizens of Japan by

Hitachi, Ltd.; Hitachi Advanced Systems Corporation
and Hitachi Keiyo Engineering Co., Ltd.

located at

6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo, Japan; 216 Totsukacho, Totsuka-ku, Yokohama-shi, Kanagawa, Japan and 7-1-1, Higashinarashino, Narashino-shi, Chiba, Japan, respectively
receipt of which is hereby acknowledged, we, the said Hirokazu Ougi, Hideo Takashima, Hidenobu Taniguchi, Munetoshi Kouchi, Hiroshi Hayami, Hajime Asada and Hideki Harazaki

do hereby sell and assign to said

Hitachi, Ltd., Hitachi Advanced Systems Corporation and
Hitachi Keiyo Engineering Co., Ltd.

their successors and assigns, all our right, title and interest, in and for the United States of America,

in and to CRYPTOGRAPHIC COMMUNICATION METHOD, ENCRYPTION ALGORITHM SHARED CONTROL METHOD, ENCRYPTION ALGORITHM CONVERSION METHOD AND NETWORK COMMUNICATION SYSTEM 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

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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 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., Hitachi Advanced Systems Corporation and
Hitachi Keiyo Engineering 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>Hirokazu Ougi</u> (Hirokazu OUGI)	July 27, 1999	<u>Kazuyuki Izumi</u>
2) <u>Hideo Takashima</u> (Hideo TAKASHIMA)	July 27, 1999	<u>Kazuyuki Izumi</u>
3) <u>Hidenobu Taniguchi</u> (Hidenobu TANIGUCHI)	July 27, 1999	<u>Kazuyuki Izumi</u>
4) <u>Munetoshi Kouchi</u> (Munetoshi KOUCHI)	July 27, 1999	<u>Kazuyuki Izumi</u>
5) <u>Hiroshi Hayami</u> (Hiroshi HAYAMI)	July 27, 1999	<u>Kazuyuki Izumi</u>
6) <u>Hajime Asada</u> (Hajime ASADA)	July 27, 1999	<u>Kazuyuki Izumi</u>
7) <u>Hideki Harazaki</u> (Hideki HARAZAKI)	July 27, 1999	<u>Kazuyuki Izumi</u>
8) _____ (_____)	_____	_____