

07-23-1998



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BOX ASSIGNMENTS
PATENT

7-17-98

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Takuya TAGUCHI et al.
Application No.: 09/081,046 Group: 3642
Filed: May 19, 1998 Examiner: Unknown



ENCRYPTION COMMUNICATION SYSTEM CAPABLE
OF REDUCING NETWORK MANAGING WORKLOAD

Date: July 17, 1998

Docket No.: 0054-157P

RECORDING OF ASSIGNMENT

BOX ASSIGNMENTS

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

Please record the attached original documents or copy thereof.

1. Name of Conveying party(ies) (e.g. inventor(s)):

Takuya TAGUCHI
Toru INADA
Yasuhisa TOKINIWA
Akira WATANABE
Tetsuo IDEGUCHI
Shigeaki TANIMOTO
Hikoyuki NAKAJIMA and
Shin-Ichi KATO

07/23/1998 DNGUYEN 00000065 09081046

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

MITSUBISHI DENKI KABUSHIKI KAISHA
2-3, Marunouchi 2-chome
Chiyoda-ku
Tokyo 100-8310 JAPAN

and

NIPPON TELEGRAPH AND TELEPHONE CORPORATION
19-2, Nishi-Shinjuku 3-chome
Shinjuku-ku
Tokyo 163-8019 JAPAN

PATENT
REEL: 9321 FRAME: 0563

3. Nature of Conveyance:

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

Execution Date (e.g., Assignment)

May 19, 1998, May 19, 1998, May 21, 1998, May 19, 1998,
May 20, 1998, May 25, 1998, May 27, 1998 and May 25,
1998, respectively.

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

If this document is being filed together with a new patent application, the execution date(s) of the application (Declaration) is (are) _____.

A. Patent Application Number(s):

B. Patent Number(s):

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

Birch, Stewart, Kolasch & Birch, LLP
P.O. Box 747
Falls Church, VA 22040-0747
(703) 205-8000

6. Total number of applications and patents involved: one (1)

7. ☒ The recording fee in the amount of \$ 40.00 is enclosed.

8. ☐ Please charge Deposit Account No. 02-2448 in the amount of \$ _____. A duplicate copy of this request is enclosed.

Application No.: 09/081,046

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. §§ 1.16-1.21(h); particularly, extension of time fees.

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,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

Date: July 17, 1998

By  # 35,94

Michael K. Mutter
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MKM/dlt

TOTAL NUMBER OF PAGES INCLUDING COVER SHEET,
ATTACHMENTS, AND DOCUMENT: four (4)

Rev. 12/9/97
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ASSIGNMENT

ATTY DCKT: 0054-157P

In consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned, Takuya TAGUCHI, Toru INADA, Yasuhisa TOKINIWA, Akira WATANABE, Tetsuo IDEGUCHI, Shigeaki TANIMOTO, Hikoyuki NAKAJIMA and Shin-Ichi KATO

hereby sells, assigns and transfers to

MITSUBISHI DENKI KABUSHIKI KAISHA of 2-3, Marunouchi 2-chome, Chiyoda-ku, TOKYO 100-8310 JAPAN; and NIPPON TELEGRAPH AND TELEPHONE CORPORATION of 19-2, Nishi-Shinjuku 3-chome, Shinjuku-ku, Tokyo 163-8019 Japan

(hereinafter called the Assignee), its successors and assigns, the entire right, title, and interest in and to:

- (i) the application for United States Letters Patent entitled ENCRYPTION COMMUNICATION SYSTEM CAPABLE OF REDUCING NETWORK MANAGING WORKLOAD which was executed by the undersigned on the dates indicated below or was filed on _____ and accorded Serial No. _____ (hereinafter called the Application);
- (ii) any and all inventions and improvements which are described in the Application;
- (iii) any and all United States Letters Patents which may be granted on the Application (hereinafter called Patent);
- (iv) any and all divisions, continuations, substitutes, reexaminations, reissues, or extensions of the Application or Patent; and
- (v) all benefits under the International Convention for the Protection of Industrial Property.

Said Assignee of said patent application and the attorneys appointed to prosecute said patent application are authorized to insert in this instrument the filing date and serial number of said application.

The Commissioner of Patents and Trademarks is authorized to issue any and all of said Letters Patent, when granted, to said Assignee.

Further, it is agreed that, when requested, without charge to but at the expense of said Assignee, the undersigned will execute all divisional, continuing, substitute, or reissue patent applications; execute all additional assignments and other writings, including reexamination papers; and provide all reasonable assistance requested by the Assignee to secure and maintain appropriate patent protection.

INVENTOR(S) :

DATE

(Takuya TAGUCHI)	<u>Takuya Taguchi</u>	<u>May 19, 1998</u>
(Toru INADA)	<u>Toru Inada</u>	<u>May 19, 1998</u>
(Yasuhisa TOKINIWA)	<u>Yasuhisa Tokiniwa</u>	<u>May 21, 1998</u>
(Akira WATANABE)	<u>Akira Watanabe</u>	<u>May 19, 1998</u>
(Tetsuo IDEGUCHI)	<u>Tetsuo Ideguchi</u>	<u>May 20, 1998</u>
(Shigeaki TANIMOTO)	<u>Shigeaki Tanimoto</u>	<u>May 25, 1998</u>
(Hikoyuki NAKAJIMA)	<u>Hikoyuki Nakajima</u>	<u>May 27, 1998</u>
(Shin-ichi KATO)	<u>Shin-ichi Kato</u>	<u>May 25, 1998</u>

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REEL: 9321 FRAME: 0566

PATENT