

A/D581-40

09/242454

FORM PTO-1595
(Rev. 6-93)

REC

08-27-1999

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office
y. Docket No. 04269.0301



To the Assistant Commissioner
Please record the attached c

101129490

eof. ATTN. BOX ASSIGNMENTS

1. Name of conveying party(ies):
Hiroyuki GOTO
Masato MICHINAKA
Hirofumi SHIMIZU
Additional names(s) of conveying party(ies)
attached? ___ Yes XX No

2. Name and address of receiving party(ies):
Name: KABUSHIKI KAISHA TOSHIBA
Internal Address: _____

3. Nature of conveyance: 2.17.99
X Assignment ___ Merger
___ Security Agreement ___ Change of Name
___ Other _____

200 Rec'd PCT PTO 17 FEB 1999
Street Address: 72, Horikawa-cho,
Saiwai-ku, Kawasaki-shi, Kanagawa
210-8572 Japan
City: _____
State: _____ ZIP: _____

Execution Date: February 12, 1999

Additional name(s) & address(es) attached?
___ Yes XX 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: February 12, 1999

A. Patent Application Nos.
09242454

B. Patent No.(s)

Additional numbers attached? ___ YES X NO

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

6. Total number of applications and patents
involved 1

Name: Mr. Ernest F. Chapman
Internal Address: _____
Finnegan, Henderson, Farabow, Garrett
& Dunner, L.L.P.
Street Address: _____
1300 I Street, N.W.
City: Washington, D.C.
State: _____ ZIP: 20005

7. Total fee (37 CFR 3.41): \$ 40.00
X Enclosed
___ Authorized to be charged to
deposit account

8. Deposit account number: 06-0916

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.

Richard V. Burqujian
Name of Person Signing

[Signature]
Signature

February 17, 1999
Date

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

A S S I G N M E N T

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

METHOD AND APPARATUS FOR MESSAGE COMMUNICATION

for which I/WE executed an application for United States Letters Patent concurrently herewith or on _____ or filed an application for United States Letters Patent on _____, 19____ (Serial No. _____); and

WHEREAS, Kabushiki Kaisha Toshiba,
a corporation of Japan, whose post office
address is 72, Horikawa-cho, Saiwai-ku, Kawasaki-shi, Kanagawa 210-8572 Japan
(hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with assignee, its successors and assigns, any facts known to us respecting this invention and testify in any legal proceeding, sign all lawful papers and be called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

AND, I/WE HEREBY authorize and request the attorneys I/we have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. _____, filed _____) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I/We have hereunto set our hand(s).

1. Full Name of Sole or First Assignor	: Assignor's Signature	: Date
Hiroyuki Goto	: <u>Hiroyuki Goto</u>	: Feb. 12, 1999
Address	c/o Intellectual Property Division of Kabushiki Kaisha	: Citizenship
Toshiba, 1-1-1 Shibaura, Minato-ku, Tokyo 105-0023 Japan		: Japanese
2. Full Name of Second Assignor	: Assignor's Signature	: Date
Masato Michinaka	: <u>Masato Michinaka</u>	: Feb. 12, 1999
Address	c/o Intellectual Property Division of Kabushiki Kaisha	: Citizenship
Toshiba, 1-1-1 Shibaura, Minato-ku, Tokyo 105-0023 Japan		: Japanese
3. Full Name of Third Assignor	: Assignor's Signature	: Date
Hirofumi Shimizu	: <u>Hirofumi Shimizu</u>	: Feb. 12, 1999
Address	c/o Intellectual Property Division of Kabushiki Kaisha	: Citizenship
Toshiba, 1-1-1 Shibaura, Minato-ku, Tokyo 105-0023 Japan		: Japanese

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P. • WASHINGTON, D.C.