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REC

U.S. Department of Commerce
Patent and Trademark Office
Attorney Docket No. 09812.0121
Attorney Customer Number: 22,852

04-18-2006



Final documents or copy thereof.

To the Director of the U.S. Patents and Trademark Office

1. Name of conveying party(ies):

- 1) Setsuo HARADA
- 2) Tadashi EZAKI

103180550

Name and address of receiving party(ies):

Name: SONY CORPORATION

Internal Address:

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance/Execution Date(s):

Execution Dates December 15, 2005

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other

Street Address: 7-35, Kitashinagawa 6-chome,
Shinagawa-ku, Tokyo 141-0001 Japan

City:

State:

Zip Code:

Additional name(s) & Address(es) attached?

Yes No

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

This document is being filed together with a new application.

A. Patent Application Number(s):

101562928

B. Patent Number(s):

Additional numbers attached?

Yes No

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

Name: Mr. Ernest F. Chapman

6. Total number of applications and registrations involved: _____

1

7. Total fee (37 CFR 3.41): \$40

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed (Please charge deficiency to deposit account)
- None required (government interest not affecting title)

Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.

8. Payment Information

Street Address: 901 New York Avenue, NW

a. Credit Card Last 4 Numbers _____
Expiration Date _____

City: Washington, D.C.

b. Deposit Account No.: 06-0916

State: Zip: 20001-4413

Authorized User Name _____

8. 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.

David W. Hill
Reg. No. 28,220

Signature

December 30, 2005
Date

ERNEST F. CHAPMAN

Total number of pages including cover sheet, attachments and documents: 3

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, PO box 1450, Alexandria, VA 22313-1450

PATENT
REEL: 017493 FRAME: 0792

12-30-05

SOLE INVENTION
(U.S. Rights Only)

ASSIGNMENT

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

Data Communication Apparatus

for which I executed an application for United States Letters Patent concurrently
herewith or on or filed an application for United States Letters
Patent on (Serial No.);
and

WHEREAS, SONY CORPORATION, a corporation of Japan, whose post office
address is 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 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, as assignor, 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 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 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 HEREBY further covenant and agree that I will, without further
consideration, communicate with assignee, its successors and assigns, any facts known
to me respecting this invention and testify in any legal proceeding, sign all lawful papers
when 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 HEREBY authorize and request the attorneys I have empowered in the
Declaration and Power of Attorney in this application, to insert here in parentheses
(Application No. PCT/JP2004/009021 filed June 25, 2004) the filing date and application
number of said application when known.

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.

IN TESTIMONY WHEREOF, I have hereunto set my hand.

First Assignor

Setsuo HARADA

Address: c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku,
Tokyo 141-0001 Japan

Citizenship: Japan

Signature: 

Date: 15, December, 2005

Second Assignor

Tadashi EZAKI

Address: c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku,
Tokyo 141-0001 Japan

Citizenship: Japan

Signature: Tadashi Ezaki

Date: 15, December, 2005

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.