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FORM PTO-1595

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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Tetsujiro Kondo
Yasuhiro Fujimori
James J. Carrig
Sugata Ghosal
Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies):
Name: Sony Corporation
Internal Address:

3. Nature of conveyance:
☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other
Execution Date: June 22, 1998

Street Address: 7-35 Kitashinagawa
6-Chome, Shinagawa-ku
City Tokyo, Japan State ZIP
Additional name(s) & address(es) attached? ☒ Yes ☐ No

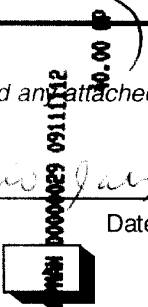
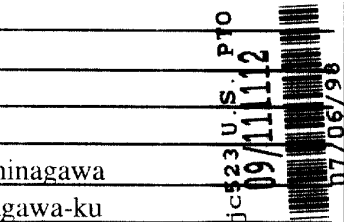
4. Application number(s) or patent number(s):
If this document is being filed together with a new application, the execution date of the application is: June 22, 1998
A. Patent Application No.(s)
(09/111112)
B. Patent No.(s)
Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Maria McCormack Sobrino
Internal Address: Blakely Sokoloff Taylor & Zafman
Street Address: 1279 Oakmead Parkway
City: Sunnyvale State: CA ZIP: 94086

6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 3.41) \$ 40.00
☒ Enclosed
☒ Authorized to be charged to deposit account
8. Deposit account number:
02-2666
(Attach duplicate copy of this page if paying by 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.
Maria McCormack Sobrino
Reg. No. 31,639
Name of Person Signing Signature Date
Total number of pages comprising cover sheet, attachments, and document:



Attachment to Patent Recordation Cover Sheet

Attorney Docket No. 80398.P156C2

Title: Apparatus and Method for Partial Buffering Transmitted Data to Provide Robust Error Recovery in a Lossy Transmission Environment

Express Mail Label: EL034144834US

Additional Assignee:

Sony Electronics Inc.
1 Sony Drive
Park Ridge, NJ 07656

Attorney's Docket

ASSIGNMENT

PATENT

No.: 80398.P156C2 (For Execution Prior To Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we,
the undersigned, Tetsujiro Kondo, Yasuhiro Fujimori, James J. Carrig and
Sugata Ghosal

hereby sell, assign, and transfer to Sony Corporation
a corporation of Japan, having a principal place of business at
6-7-35 Kitashinagawa, Shinagawa-ku, Tokyo, 141 Japan; and
Sony Electronics, Inc. a corporation of Delaware, having a principal
place of business at 1 Sony Drive, Park Ridge, New Jersey 07656, ("Assignee"), and
its successors, assigns, and legal representatives, the entire right, title, and interest for
the United States and all foreign countries, in and to any and all improvements that
are disclosed in the application for the United States patent that has been executed
by the undersigned prior hereto or concurrently herewith on the dates indicated below
and is entitled APPARATUS AND METHOD FOR PARTIAL BUFFERING

TRANSMITTED DATA TO PROVIDE ROBUST ERROR RECOVERY IN A LOSSY

TRANSMISSION ENVIRONMENT

and in and to said application and all divisional, continuing, substitute, renewal,
reissue, and all other patent applications that have been or shall be filed in the
United States and all foreign countries on any of said improvements; and in and to all
original and reissued patents that have been or shall be issued in the United States
and all foreign countries on said improvements; and in and to all rights of priority
resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said
improvements in its own name; and that, when requested, without charge to, but at the
expense of, said Assignee, its successors, assigns, and legal representatives, to carry
out in good faith the intent and purpose of this Assignment, the undersigned will
execute all divisional, continuing, substitute, renewal, reissue, and all other patent
applications on any and all said improvements; execute all rightful oaths,
assignments, powers of attorney, and other papers; communicate to said Assignee, its
successors, assigns, and representatives all facts known to the undersigned relating
to said improvements and the history thereof; and generally assist said Assignee, its
successors, assigns, or representatives in securing and maintaining proper patent
protection for said improvements and for vesting title to said improvements, and all
applications for patents and all patents on said improvements, in said Assignee, its
successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives
that no assignment, grant, mortgage, license, or other agreement affecting the rights
and property herein conveyed has been made to others by the undersigned, and that
full right to convey the same as herein expressed is possessed by the undersigned.

Each Inventor: Please Sign and Date Below:

| | |
|---------------------------------------|---|
| <u>June 22</u> , 19 <u>98</u> Date | <u>Tetsujiro Kondo</u> Name: Tetsujiro Kondo |
| <u>June 2</u> , 19 <u>98</u> Date | <u>Yasuhiro Fujimori</u> Name: Yasuhiro Fujimori |
| <u>June 3</u> , 19 <u>98</u> Date | <u>James J. Carrig</u> Name: James J. Carrig |
| <u>June 2</u> , 19 <u>98</u> Date | <u>Sugata Ghosal</u> Name: Sugata Ghosal |
| _____, 19____ Date | _____ Name: |
| _____, 19____ Date | _____ Name: |

**Each Inventor:
Please also list the
date that you
signed the
accompanying
DECLARATION
AND POWER OF
ATTORNEY:**

| |
|---------------------------------------|
| <u>June 22</u> , 19 <u>98</u> Date |
| <u>June 2</u> , 19 <u>98</u> Date |
| <u>June 3</u> , 19 <u>98</u> Date |
| <u>June 2</u> , 19 <u>98</u> Date |
| _____, 19____ Date |
| _____, 19____ Date |

State of: _____ }
County of: _____ } SS. **Assignment Document Return Address:**
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
 12400 Wilshire Blvd., Seventh Floor
 Los Angeles, CA 90025-1026
 (408) 720-8598

On this _____ day of _____, 19____, before me, _____,
 the undersigned Notary Public, personally appeared _____
 [] personally known to me [] proved to me on the basis of satisfactory evidence to
 be the person(s) whose name(s) _____ subscribed to the within instrument, and
 acknowledged that _____ executed it.
 WITNESS my hand and official seal.

 Notary's Signature