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U.S. DEPARTMENT OF COMMERCE
U.S. 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):

Tomoyuki Asano, Yoshitomo Osawa, Ryuji Ishiguro,
Atsushi Mitsuzawa, and Tateo Oishi

06/20/02

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

3. Nature of Conveyance:

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

Execution Date: May 28, 2002

2. Name and address of receiving party(ies)

Name: Sony Corporation

Internal Address:

Street Address:

7-35, Kitashinagawa 6-chome
Shinagawa-ku

City: Tokyo

State: Japan

Zip: 141-0001

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 new application is:

A. Patent Application No.(s):

10/069,176

B. Patent No.(s):

Additional numbers attached?

☐ Yes☒ No5. Name and address of party to whom correspondence
concerning document should be mailed:Name: LERNER, DAVID, LITTENBERG, KRUMHOLZ &
MENTLIK, LLP

Street Address: 600 South Avenue West

City:

Westfield

State:

NJ

Zip:

07090

6. Total number of applications and
patents involved:

7. Total fee (37 CFR 3.41)

\$ 40.00

☐ Enclosed☒ Authorized to be charged to deposit account

8. Deposit account number:

12-1095

(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.

Robert B. Cohen

Name of Person Signing

Signature

June 13, 2002

Date

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

06/25/2002 DBYRNE 00000266 121095 10069176

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PATENT
REEL: 013014 FRAME: 0324

U.S. Patent Application
Witness

ASSIGNMENT

WHEREAS, Tomoyuki ASANO, Yoshitomo OSAWA, Ryuji ISHIGURO, Atsushi MITSUZAWA and Tateo OISHI, both of c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 Japan, as assignors, have invented improvements in

INFORMATION PROCESSING DEVICE AND METHOD

for which an International Application was filed on June 21, 2001 as PCT/JP01/05327, designating the United States.

AND WHEREAS, SONY CORPORATION, a corporation of Japan, having a place of business at 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 Japan, as assignee, is desirous of acquiring all right, title and interest in and to said invention and any Letters Patent that may be granted therefor.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, we as assignors hereby sell, assign and set over to said assignee the entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid application for Letters Patent, all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for himself and his legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by said assignee.

And we do hereby authorize our attorneys to insert on this deed the filing date and serial number of said application when known.

28 May 2002

Date

Tomoyuki Asano

Tomoyuki ASANO

Tomohiro Sunoda

Witness

7 May, 2002

Date

Yoshitomo Osaawa

Yoshitomo OSAWA

Keiko Saito

Witness

20 May, 2002

Date

Ryuji Ishiguro

Ryuji ISHIGURO

Keiko Saito

Witness

7 May, 2002

Date

Atsushi Mitsuizawa

Atsushi MITSUZAWA

Keiko Saito

Witness

7 May 2002

Date

Tateo Oishi

Tateo OISHI

Keiko Saito

Witness