

03-23-2001

U.S. Department of Commerce
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PATENT



101646651

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- ☒ Assignment ☐ Security Agreement
- ☐ License ☐ Change of Name
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| Execution Date |
|----------------|
| Month Day Year |
| 03062001 |

Name (line 1) HAMADA, Ichiro

Name (line 2)

Second Party

Name (line 1) NAGANO, Susumu

Name (line 2)

Execution Date
Month Day Year
03072001

Receiving Party

☐ Mark if additional names of receiving parties attached

Name (line 1) SONY CORPORATION

Name (line 2)

Address (line 1) 7-35, Kitashinagawa 6-chome

Address (line 2) Shinagawa-ku

Address (line 3) Tokyo

Japan

City

State/Country

Zip Code

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Mail documents to be recorded with required cover sheet(s) information to:
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PATENT
REEL: 011602 FRAME: 0525

Correspondent Name and Address

Area Code and Telephone Number **908-654-5000**

Name **LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP**

Address (line 1) **600 South Avenue West**

Address (line 2) **Westfield NJ 07090**

Address (line 3)

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Pages

Enter the total number of pages of the attached conveyance document including any attachments.

2

Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

09744121

Patent Number(s)

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number
only if a U.S. Application Number
has not been assigned.

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Number of Properties

Enter the total number of properties involved.

1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$ **40.00**

Method of Payment:
Deposit Account

Enclosed ☐ Deposit Account ☒

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

12-1095

Authorization to charge additional fees:

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No

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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. Charges to deposit account are authorized, as indicated herein.

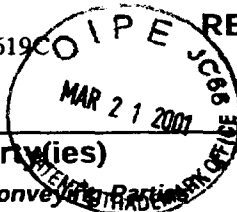
ROBERT B. COHEN

Name of Person Signing

Signature

March 19, 2001

Date



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CONTINUATION
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U.S. Department of Commerce
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Conveying Party(ies)

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Execution Date
Month Day Year

Name (line 1) TSUTSUI, Shintaro

03062001

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

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Application Number(s) or Patent Number(s)

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Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

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Docket Number: SONYJP 3.3- 121
Sony Reference
No.: S00P1167US00

ASSIGNMENT

WHEREAS, I, as a below named inventor, residing at the address stated next to my name, am a sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of certain new and useful improvements in:

BROADCASTING EQUIPMENT AND METHOD, RECEIVING EQUIPMENT AND METHOD, AND MEDIUM

for which an International Application was filed on May 18, 2000, PCT/JP00/03199, designating the United States;

AND WHEREAS, Sony Corporation, a Japanese corporation with offices at 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo, Japan (hereinafter referenced as ASSIGNEE) is desirous of acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, as a sole or joint inventor as indicated below, by these presents do hereby assign, sell and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title and interest in the said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue the said United States Letters Patent to said ASSIGNEE, as the assignee of the whole right, title and interest thereto;

And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto;

And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid invention, as the ASSIGNEE thereof shall hereafter require and prepare at its own expense;

And I further agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will testify as to the same in any interference or litigation related thereto;

And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

And I hereby authorize and request my attorney(s) of record in this application to insert the application number and filing date of this application in the spaces that follow: Application Number: _____, Filing Date: _____.

This assignment executed on the dates indicated below.

Ichiro HAMADA
Name of First Joint Inventor

Execution Date of U.S. Patent Application

Kanagawa, Japan
Residence of First Joint Inventor

Ichiro Hamada
Signature of First Joint Inventor

March 6, 2001
Date of this Assignment

Docket Number: SONYJP 3.3- 121
Sony Reference No. S00P1167WO00

Susumu NAGANO

Name of Second Joint Inventor

Execution Date of U.S. Patent Application

Kanagawa, Japan

Residence of Second Joint Inventor

Susumu Nagano

Signature of Second Joint Inventor

March 7, 2001

Date of this Assignment

Shintaro TSUTSUI

Name of Third or Sole Inventor

Execution Date of U.S. Patent Application

Tokyo, Japan

Residence of Third or Sole Inventor

Shintaro Tsuchi

Signature of Third or Sole Inventor

March 6, 2001

Date of this Assignment

Name of Fourth Joint Inventor

Execution Date of U.S. Patent Application

Residence of Fourth Joint Inventor

Signature of Fourth Joint Inventor

Date of this Assignment

Name of Fifth Joint Inventor

Execution Date of U.S. Patent Application

Residence of Fifth Joint Inventor

Signature of Fifth Joint Inventor

Date of this Assignment