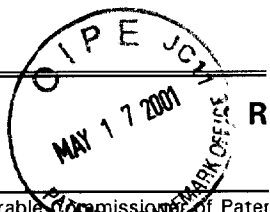


PTO-1595



05-24-2001

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

1. Name of the conveying party(ies)

Hong Yang, 11715 Aspen View Drive, San Diego, CA 92128

Jenny Su Chow, 17145 Russet Street, San Diego, CA 92128

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

2. Name and address of the receiving party(ies):

Sony Corporation
7-35 Kitashinagawa, 6-chome,
Shinagawa-ku, Tokyo, Japan

and

Sony Electronics Inc.
1 Sony Drive, Park Ridge
New Jersey 09656

Additional Names(s) and Address(es) Attached
[] Yes [X] No

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date(s): May 10, 2001

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:

A. Patent Application No(s).
09/781,778

B. Patent No(s).

Additional Numbers Attached? [] Yes [X] No

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

Doyle B. Johnson
CROSBY, HEAFEY, ROACH & MAY
2 Embarcadero Ctr., Ste. 2000,
P.O. Box 7936
San Francisco, California 94120-7936
(415) 543-8700 (telephone) / (415) 391-8269 (fax)

DIRECT DIAL: (415) 659-5969
Docket No. 21650.05900

6. Total number of Applications and Patents involved 1

7. Total Fee (37 CFR § 3.41) \$ 40.00
 Enclosed Previously Paid
 Authorized to be charged to Deposit Account

8. Deposit Account No. 03-3821. **Please reference Attorney Docket No. 21650.05900**
 (Attached duplicate copy 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.

Rebecca M. Klits Rebecca M. Klits May 14, 2001
Name of Person Signing Signature Dated

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

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ASSIGNMENT

WHEREAS, I, as a below named inventor, residing at the address stated next to my name, am a joint inventor of certain new and useful improvements in A METHOD AND SYSTEM FOR PERIODICALLY DISPLAYING A CLOCK ON A VIEWING SCREEN for which application for Letters Patent of the United States of America was filed on February 12, 2001 under U.S. Serial No. 09/781,778.

AND WHEREAS, Sony Corporation, a Japanese corporation with offices at 6-7-35 Kitashinagawa, 6-chome, Shinagawa-ku, Tokyo, Japan and Sony Electronics Inc., a Delaware corporation with offices at 1 Sony Drive, Park Ridge, New Jersey 07656-8004 (hereinafter referenced as ASSIGNEES) are 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 joint inventor as indicated below, by these presents do hereby assign, sell and transfer unto the said ASSIGNEES, their 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 to or 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 ASSIGNEES, as the assignees 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 ASSIGNEES or their designee, as ASSIGNEES or their 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 ASSIGNEES thereof shall hereafter require and prepare at their own expense;

And I further agree that ASSIGNEES will, upon their 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;

This assignment was executed on the dates indicated below:

Hong Yang
Name of first inventor

May 10, 2001
Execution date of U.S. Patent Application

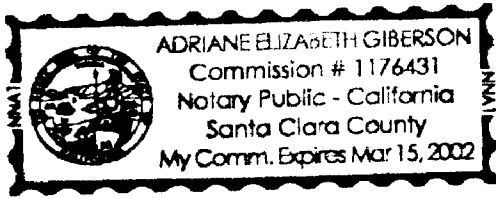
11715 Aspen View Drive, San Diego, CA 92128
Residence of first sole inventor

[Signature]
Signature of first or sole inventor

May 10, 2001
Date of this Assignment

STATE OF California)
COUNTY OF San Diego) ss.

On May 10, 2001 before me, Adriane Elizabeth Giberson, Notary Public
personally appeared Hong Yang ~~personally known to me or~~ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) ~~is/are~~ subscribed to the within instrument and acknowledged to me that ~~he/she/they~~ executed the same in ~~his/her/their~~ authorized capacity(ies), and that by ~~his/her/their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

[Signature]
Signature of Notary

Jenny Su Chow
Name of second inventor

[Signature] May 10, 2001
Execution date of U.S. Patent Application

17145 Russet Street, San Diego, CA 92127
Residence of second inventor

[Signature]
Signature of second inventor

May 10, 2001
Date of this Assignment

STATE OF California)
COUNTY OF San Diego) ss.

On May 10, 2001 before me, Adriane Elizabeth Giberson, Notary Public
personally appeared Jenny Su Chow ~~personally known to me or~~ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) ~~is/are~~ subscribed to the within instrument and acknowledged to me that ~~he/she/they~~ executed the same in ~~his/her/their~~ authorized capacity(ies), and that by ~~his/her/their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

[Signature]
Signature of Notary

PATENT

RECORDED: 05/17/2001

REEL: 011819 FRAME: 0176