



**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 **TV PLANNER FOR DSS** for which application for Letters Patent of the United States of America was executed by me on the date indicated next to my name and address.

**AND WHEREAS, Sony Corporation**, a Japanese corporation with offices at 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 09656 (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 accruing 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;

And I hereby authorize and request the attorneys of record in this application to insert the application number and filing date of this application in the spaces that follow: Application Number 09/260,716, Filing Date March 1, 1999.

This assignment executed on the dates indicated below.

Yuko S. Nishikawa  
Name of first inventor

Execution date of U.S. Patent Application

1565 Calle Comille, La Jolla, CA 92037  
Residence of First Sole Inventor

Signature of First or Sole Inventor

Date of this Assignment

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) ss.

On \_\_\_\_\_ before me, \_\_\_\_\_,  
personally appeared Yuko S. Nishikawa 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.

SEAL

Signature of Notary

Jenny S. Chow

Name of Second Inventor

Execution date of U.S. Patent Application

5228 Heatherwood Drive, Oceanside, CA 92056

Residence of Second Inventor

Signature of Second Inventor

Date of this Assignment

STATE OF \_\_\_\_\_ )

COUNTY OF \_\_\_\_\_ ) ss.

On \_\_\_\_\_ before me, \_\_\_\_\_,

personally appeared Jenny S. 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.

SEAL

Signature of Notary

Kim Mingo

Name of Third Inventor

July 7, 1999

Execution date of U.S. Patent Application

265 Clinton Street, Brooklyn, NY 11201

Residence of Third Inventor

Kim Mingo  
Signature of third inventor

July 7, 1999

Date of this Assignment

STATE OF New York )

COUNTY OF Westchester ) ss.

On 7<sup>th</sup> day July 1999 before me, KIM MINGO

personally appeared Kim Mingo 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.

SEAL

Signature of Notary

NOTARY PUBLIC, State of New York  
No. 41-870099-0 Queens County  
Certified by the State Court  
Commissioner of the State of New York  
2000

Kazuto Mugura

Name of Fourth Inventor

Execution date of U.S. Patent Application

309 Kariyado Nakahara-ku, Kawasaki-shi, Kanagawa, Japan

Residence of Fourth Inventor

Signature of Fourth Inventor

Date of this Assignment

STATE OF \_\_\_\_\_ )

COUNTY OF \_\_\_\_\_ ) ss.

On \_\_\_\_\_ before me, \_\_\_\_\_,

personally appeared Kazuto Mugura 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.

SEAL

\_\_\_\_\_  
Signature of Notary