10-23-2001 U.S. DEPARTMENT OF COMMERCI Form PTO-1595 U.S. Patent and Trademark Offi (Rev. 03/01) 101882904 OMB No. 0651-0027 (exp. 5/31/2002) Tab settings ⇒ ⇒ ▼ To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies) Name of conveying party(ies): David W. Ritter 19-3 Sony Corportation 7-35 Kitashinagawa 6 Chorne Shinagawa-Ku Tokyo, Japan Additional name(s) of conveying party(ies) attached?

Yes

No 3. Nature of conveyance: AND □ Merger X Assignment Sony Electronics, Inc. ☐ Change of Name Security Agreement 1 Sony Drive Park Ridge, New Jersey Other_ 0 997448 07656 Execution Date: October 5, 2001 4. Application number(s) or patent number(s): October 9, If this document is being filed together with a new application, the execution date of the application is: 2001 B. Patent No.(s) A. Patent Application No.(s) Additional numbers attached?

Yes
No 6. Total number of applications and patents involved: 1 5. Name and address of party to whom correspondence concerning document should be mailed: 7. Total fee (37 CFR 3.41).....\$\,\u00e40.00 Name: Steven L. Nichols, Esq. ☐ Enclosed Internal Address: Authorized to be charged to deposit account 8. Deposit account number: Street Address: River Park Corporate Center One 18-0013 10653 S. River Front Parkway, Ste. 150 (Attach duplicate copy of this page if paying by deposit account) City: South Jordan State: UT Zip: 84095 DO NOT USE THIS SPACE Statement and signature. To the best of my knowledge and belief, the foregoing information is hue and correct and any attached copy is a true copy of the original document. October 9, 2001 Steven L. Nichols, Esq. Signature Date Name of Person Signing Total number of pages including cover sheet, attachments, and documents:

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

PATENT

REEL: 012260 FRAME: 0365

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 and a novel design for an

"Method and System for Enhancing Resolution in a Video Signal by Digital Simulation of Analog H-Sweep Velocity Modulation"

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 07656 (hereinafter referenced as ASSIGNEES) 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 ASSIGNEES, 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 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 its designee, as ASSIGNEES 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 ASSIGNEES thereof shall hereafter require and prepare at its own expense;

And I further agree that ASSIGNEES 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 execution date, serial number and filing date of this application in the spaces that follow: Serial Number: ______, Filing Date:

This assignment executed on the dates indicated below.

This assignment executed on the dates indicated below.	
David W. Ritter Name of first inventor	Execution date of U.S. Patent Application
3131 Kermath Dr., San Jose, CA 95132 Residence of first or sole inventor Au	10/5/01
Signature of first or sole inventor	/ Daté of this assignment
STATE OF California	
COUNTY OF Santa Clara Ss.	
On this 5 th day of Actor in the year of 2001, bet assignors, known to me (or proved to me on the basis of satisfactory evidence acknowledged execution of this instrument.	ore me, the undersigned notary public, personally appeared the above-named to be the person whose name is subscribed to the within instrument, and
Morton Didalia	YOSHIKO BALKON commission # 1275793

PATENT

RECORDED: 10/09/2001 REEL: 012260 FRAME: 0366

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