

10-23-1998

FORM PTO-1595  
1-31-92

10-13-98



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U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

To the Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
David Robert Lusterman  
Additional name(s) of conveying party(ies) attached?  
 Yes  No

2. Name and address of receiving party(ies):  
Name: **Sony Corporation, 7-35 Kitashinagawa, 6-chome, Shinagawa-ku, Tokyo, Japan and Sony Electronics Inc., 1 Sony Drive, Park Ridge, New Jersey 09656**  
Additional Name(s) & address(es) attached?  
 Yes  No

3. Nature of Conveyance: Assignment  
Execution Date: October 7, 1998

Vertical stamp: JCS49 U.S. PTO 09/170868 10/13/98

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: October 7, 1998

A. Patent Application No.(s)  
Additional numbers attached?  Yes  No

B. Patent No.(s)

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: Philip M. Shaw, Jr.  
Internal Address: Crosby, Heafey, Roach & May  
Street Address: P.O. Box 7936  
City, State, ZIP: San Francisco, California 94120-7936  
Telephone: (415) 659-5904  
Facsimile: (415) 391-8269  
Attorney Docket No. 21650.03200

6. Total number of applications and patents involved: 1  
7. Total fee (37 CFR 3.41):.....\$ 40.00  
 Enclosed  
 Charge any deficiencies in the enclosed fee to Deposit Account No. 03-3821, designating our file: 21650.03200  
 Authorized to be charged to deposit account  
8. Deposit account number: 03-3821

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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.  
Philip M. Shaw, Jr.      *Philip M. Shaw, Jr.*      10/9/98  
Name of Person Signing      Signature      Date  
Total number of pages including cover sheet, attachments and document: 2

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

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**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 Thin Film Cylindrical Antenna For Use in Test Station 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 sole or 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;

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 , Filing Date .

This assignment executed on the dates indicated below.

David Robert Lusterman  
Name of first inventor \_\_\_\_\_ Execution date of U.S. Patent Application \_\_\_\_\_

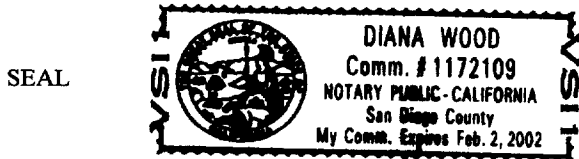
1442 Essex St. #3, San Diego, CA 92103  
Residence of first sole inventor \_\_\_\_\_

[Signature]  
Signature of first or sole inventor \_\_\_\_\_ 10/7/98  
Date of this Assignment \_\_\_\_\_

STATE OF CALIFORNIA )  
 ) ss.  
COUNTY OF SAN DIEGO )

On Oct 7, 1998 before me, DIANA WOOD

personally appeared David Robert Lusterman personally known to me or proved to me on the basis of satisfactory evidence to be the person( ) whose name( ) 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( ) on the instrument the person( ) or the entity upon behalf of which the person( ) acted, executed the instrument.



WITNESS my hand and official seal.  
[Signature]  
Signature of Notary \_\_\_\_\_