

04-02-2002



102039195

UNITED STATES PATENT AND TRADEMARK OFFICE

Docket No.: SONY-50L2009

I hereby certify that this transmittal of the below described document is being deposited with the United States Postal Service in an envelope bearing First Class Postage and addressed to the U.S. Patent and Trademark Office, Assignment Branch, North Tower Building, Suite 10C35, Washington, D.C., 20231, on the below date of deposit.

Date of Deposit:	02/25/02	Name of Person Making the Deposit:	KATHERINE RINALDI	Signature of the Person Making the Deposit:	<i>Katherine Rinaldi</i>
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The Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Please record the attached original document(s) or copy(ies) thereof:

Re-Submission of Transmittal of Assignment

1. Name of conveying party(ies): Christopher L. Frank

Serial No.: 08/992,032

Filed: 12/17/97

Group Art Unit:

Examiner:

2. Name and Address of Receiving party(ies): SONY CORPORATION, 7-35 Kitashinagawa 6-Chome, Shinagawa-ku, Tokyo, Japan
SONY ELECTRONICS, INC., 1 Sony Drive, Park Ridge, New Jersey 07656

3. Nature of Conveyance: Corrective Assignment
Execution Date: 12/17/97

4. New Patent Application entitled: SPEAKER UNIT WITH BOOM MICROPHONE

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Anthony C. Murabito
Address: Wagner, Murabito & Hao LLP
Two North Market Street, Third Floor, San Jose, CA 95113
Phone: (408) 938-9060

6. Total Number of applications and patents involved: ONE

7. Fee Calculation (for other than a small entity)

Assignment Recordation Fee, per property

1 X \$40.00

Total Fees (37 CFR 3.41)

\$40.00

The amount of \$ 40.00 is enclosed

8. At any time during the pendency of this application, please charge any additional fees required or credit any overpayments to Deposit Account 23-0085. A duplicate copy of this transmittal is enclosed.

x Charge any fees required or credit any overpayments associated with this filing to Deposit Account No.: 23-0085.

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.

04/01/2002 DBYRNE 00000192 230085 08992032

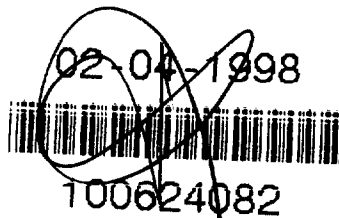
01 FC:581 40.00 CH

Date: February 25, 2002

Anthony C. Murabito
Name Anthony C. Murabito
Reg. No. 35,295

12-17-97

IN THE UNI



DEMARK OFFICE

Docket No.: SONY-50L2009

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Date of Deposit:	12/17/97	Name of Person Making the Deposit:	TONY CHOU	Signature of the Person Making the Deposit:	<i>Tony Chou</i>
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The Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Please record the attached original document(s) or copy(ies) thereof:

Transmittal of an Assignment

1. Name of conveying Christopher L. Frank
party(ies):

Serial No.:

Filed: 12/17/97

Group Art Unit:

Examiner:

2. Name and Address of SONY CORPORATION OF JAPAN, 7-35 Kitashingawa 6-Chome,
Receiving party(ies) Shinagawa-ku, Tokyo, Japan
SONY ELECTRONICS, INC., 1 Sony Drive, Park Ridge, New Jersey,
07656

3. Nature of Conveyance: Assignment
Execution Date: 12/17/97

4. New Patent Application entitled: SPEAKER UNIT WITH BOOM MICROPHONE

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

Name: John P. Wagner, Jr.
Address: Wagner, Murabito & Hao
Two North Market Street, Third Floor, San Jose, CA 95113
Phone: (408) 938-9060

6. Total Number of applications and patents involved: ONE

7. **Fee Calculation** (for other than a small entity)

Assignment Recordation Fee, per property

1 X \$40.00

Total Fees (37 CFR 3.41)

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X The amount of \$ 40.00 is enclosed

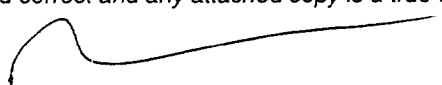
8. At any time during the pendency of this application, please charge any additional fees required or credit any overpayments to Deposit Account 23-0085. A duplicate copy of this transmittal is enclosed.

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.

02/03/1998 DMASH1 00000043 08992032
02 FC:581 40.00 OP

Date: December 17, 1997


Name John P. Wagner, Jr.
Reg. No. 35,398

Assignment To SONY Corporation and SONY Electronics

Whereas, I/we, Christopher L. Frank
 executed employment agreements with SONY Corporation and SONY Electronics, hereinafter called the
 Assignees, (SONY Corporation having its principal place of business at Tokyo, Japan, and SONY Electronics, Inc.,
 a Corporation of Delaware) whereby I/we have agreed to assign to the Assignees all inventions (except as
 otherwise limited by law) which relate to the business of the Assignees and which were first conceived or actually
 reduced to practice during my/our employment by the Assignees;

Now, therefor, pursuant to the terms of said employment agreements and for good and valuable consideration,
 receipt of which is hereby acknowledged, I/we do hereby sell, assign and transfer unto the Assignees, their
 successors and assigns, the entire right, title and interest, including the right of priority in, to and under an
 application for Letters Patent of the United States entitled:

SPEAKER UNIT WITH BOOM MICROPHONE

X filed herewith and the inventions set forth and described therein, and any and all Letters Patent of the
 United States and of countries foreign thereto which may be granted thereon or therefor; or

Serial No.: _____ filed on _____ and the inventions set forth
 and described therein, and any and all Letters Patent of the United States and of countries foreign thereto
 which may be granted thereon or therefor;

And for the above consideration, I/we agree promptly upon request of the Assignees, their successors or assigns,
 to execute and deliver without further compensation any power of attorney, assignment, application, whether
 original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to
 the Assignees, their successors and assigns, the inventions described in said application and all patent rights
 therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of
 interference proceedings involving said inventions and in the adjudication or reexamination of said Letters Patent
 provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by
 the Assignees.

In witness whereof, I/we hereunto set my/our hand(s) and seal:

Inventor's Signature: <u>Ch Frank</u>	Date: <u>12/17/97</u>
Inventor's Signature: _____	Date: _____
Inventor's Signature: _____	Date: _____
Inventor's Signature: _____	Date: _____
Inventor's Signature: _____	Date: _____
Inventor's Signature: _____	Date: _____
Inventor's Signature: _____	Date: _____
Inventor's Signature: _____	Date: _____
Inventor's Signature: _____	Date: _____