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Table Described Commissioner of New year of Telegraph Table St. Please recover		FORM PTO-1595 U.S. DEPARTMENT OF COMMERCE	11-16-2004 Patent and Trademark Office
Name of Conveyance   Name		7217/72546 PAT	100H 020H 190H 190H 190H 190H 010H 010H 010H 01
Name of conveyance   Constitution   Name   Sare	\ [	To the Honorable Commissioner of Parents and Tradsparks. Please recor	
3. Nature of Consequence		1. Name of conveying party(ies):	<sub> </sub> 102881585
3. Nature of Consequence	3	•	Name: Sony Corporation
3. Nature of Consequence	0	Toshiro Terauchi Motoyuki Takai	Internal Address:
3. Nature of Consequence	<		
Street Address	`	Additional name(s) of conveying party(ies) attached? Lyes X No	
Security Agreement	ſ	3. Nature of Conveyance:	Street Address: 7-35 Kitashinagawa 6-chome
Security Agreement		X Assignment	Shinagawa-ku, Tokyo, Japan
Execution Date: Cetaber 20, 2004_October 21, 2004_October 23, 2004_October 23, 2004_October 25, 2004_October		Security Agreement Change of Name	City State ZIP
Execution Date: Cetaber 20, 2004_October 21, 2004_October 23, 2004_October 23, 2004_October 25, 2004_October		Other	Additional name(s) & address(es) attached? Yes X No
If this document is being filed together with a new application, the execution date of the application is		Execution Date: October 20, 2004, October 21, 2004	radinonal name(s) & address(es) anderied: res res
A Patent Application No (s)  10/900,811    Additional numbers attached?   Yes   No	-	Application number(s) or patent number(s):	I
A Patent Application No (s)  10/900,811    Additional numbers attached?   Yes   No			
5. Name and address of party to whom correspondence concerning document should be mailed:    Name:			1
S. Name and address of party to whom correspondence concerning document should be mailed:    Same		A. Patent Application No.(s)	B. Patent No.(s)
5. Name and address of party to whom correspondence concerning document should be mailed.  Name: Jay H. Maioli Internal Address Cooper & Dunham I.I.P  7. Total fee (37 CFR 3.41): \$ 40.00 \$ Enclosed \$ Landhorized to be charged to deposit account where the concent number:  03-3125 (Attach duplicate copy of this page if paying by deposit account)  DO NOT USE THIS SPACE  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.  Jay H. Maioli, Reg. No. 27, 213 Name of Person Signing  OMB No. 0651-0011 (exp. 4/94)  Mail documents to be recorded with required cover sheet information to:  11/10/2004 YPOLITE1 00000056 10900811  Commissioner of Patents and Trademarks Box Assignments on the concentration of the		10/900,811	
5. Name and address of party to whom correspondence concerning document should be mailed.  Name: Jay H. Maioli Internal Address Cooper & Dunham I.I.P  7. Total fee (37 CFR 3.41): \$ 40.00 \$ Enclosed \$ Landhorized to be charged to deposit account where the concent number:  03-3125 (Attach duplicate copy of this page if paying by deposit account)  DO NOT USE THIS SPACE  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.  Jay H. Maioli, Reg. No. 27, 213 Name of Person Signing  OMB No. 0651-0011 (exp. 4/94)  Mail documents to be recorded with required cover sheet information to:  11/10/2004 YPOLITE1 00000056 10900811  Commissioner of Patents and Trademarks Box Assignments on the concentration of the		Additional numbers attached	Yes X No
Internal Address: Cooper & Dunham LLP  7. Total fee (37 CFR 3.41):		5. Name and address of party to whom correspondence	
Street Address:		Name: Jay H. Majoli	
Street Address:		Internal Address: Cooper & Dunham LLP	7. Total fee (37 CFR 3.41):\$ 40.00
Street Address: 1185 Avenue of the Americas			Enclosed
Oity: New York State: New York ZIP 10036  DO NOT USE THIS SPACE  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.  Jay H. Maioli, Reg. No. 27.213 Name of Person Signing  OMB No. 0651-0011 (exp. 4/94)  Do not detach this portion  Mail documents to be recorded with required cover sheet information to:  11/10/2004 YPOLITE1 00000056 10300811 Commissioner of Patents and Trademarks Box Assignments Washington, D.C. 20231  Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Service is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Service sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Service sheet is regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PKZ-1000C, Washington, D.C. 20231, and to the office			Authorized to be charged to deposit account
City: New York State: New York ZIP 10036  DO NOT USE THIS SPACE  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.  Jay H. Maioli, Reg. No. 27,213 Name of Person Signing  Total Number of pages comprising cover sheet:  OMB No. 0651-0011 (exp. 4/94)  Do not detach this portion  Mail documents to be recorded with required cover sheet information to:  11/10/2004 YPOLITE1 00000056 10300811  Commissioner of Patents and Trademarks Box Assignments Washington, D.C. 20231  Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the office		Street Address:1185 Avenue of the Americas	8. Deposit account number:
DO NOT USE THIS SPACE  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.  Jay H. Maioli, Reg. No. 27,213 Name of Person Signing  November 8, 2004  Date  Total Number of pages comprising cover sheet:  OMB No. 0651-0011 (exp. 4/94)  Mail documents to be recorded with required cover sheet information to:  11/10/2004 YPOLITE1 00000056 10900811  Commissioner of Patents and Trademarks Box Assignments Washington, D.C. 20231  Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the office			03-3125 (Attach duplicate copy of this page if paying by deposit account)
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.  Jay H. Maioli, Reg. No.27,213 Name of Person Signing  Total Number of pages comprising cover sheet:  OMB No. 0651-0011 (exp. 4/94)  Do not detach this portion  Mail documents to be recorded with required cover sheet information to:  11/10/2004 YPOLITE1 00000056 10900811  Commissioner of Patents and Trademarks Box Assignments Washington, D.C. 20231  Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the office		City: New York State: New York ZIP 10036	
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Total Number of pages comprising cover sheet:    Jay H. Maioli, Reg. No. 27,213		9. Statement and signature.	
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reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the office		Box Assign	nments

**PATENT** REEL: 015977 FRAME: 0345

S04P1071US00 Docket Number 7217/72546

## 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 <u>PORTABLE TERMINAL DEVICE AND METHOD OF GENERATING CALL SOUND</u> 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 at6-7-35 Kitashinagawa, Shinagawa-Ku, Tokyo, Japan (hereinafter reference as ASSIGNEE) 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 ASSIGNEE, 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 ASSIGNEE, as the assignee 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 ASSIGNEE or its designee, as ASSIGNEE 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 thereof;

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 ASSIGNEE thereof shall hereafter require and prepare at its own expense;

And I further agree that ASSIGNEE 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 thereof;

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 serial number and filing date of this application in the spaces that follow: Serial Number  $\underline{10/900,811}$ , Filing Date  $\underline{07/27/04}$ 

PATENT REEL: 015977 FRAME: 0346 This assignment executed on the dates indicated below.

Katsuya Shirai	
Name of first or sole inventor	Execution date of U.S. Patent Application
Kanaqawa, Japan	
Residence of first or sole inventor	
Katsuya Shirai Signature of first or sole inventor	October 20, 2004
Signature of first or sole inventor	Date of this assignment
Yoichiro Sako	
Name of second inventor	Execution date of U.S. Patent Application
Tokyo, Japan	
Residence of second inventor	
Miling let	October 20, 2004
Signature of second inventor	Date of this assignment
Toshiro Terauchi	
Name of third inventor	Execution date of U.S. Patent Application
Tokyo, Japan	
Residence of third inventor	October 20, 2004
Signature of third inventor	Date of this assignment
Makoto Inoue	
Name of fourth inventor	Execution date of U.S. Patent Application
Kanagawa, Japan	
Residence of fourth inventor	
Inckoto Inne	October 20, 2004
Signature of fourth inventor	Date of this assignment

PATENT REEL: 015977 FRAME: 0347

Yasushi Miyajima	
Name of fifth inventor	Execution date of U.S. Patent Application
Kanagawa, Japan	
Residence of fifth inventor	,
Josuski Miyajima Signature of fifth inventor	October 21, 2004  Date of this assignment
Signature of fifth inventor	Date of this assignment
Kenichi Makino	
Name of sixth inventor	Execution date of U.S. Patent Application
Kanagawa, Japan	
Residence of sixth inventor	
Canichi makiro	October 21, 2009
Signature of sixth inventor	Date of this assignment
Motoyuki Takai	
Name of seventh inventor	Execution date of U.S. Patent Application
	••
Tokyo, Japan	
Residence of seventh inventor	
Motoyuki Takai Signature of seventh inventor	October 21, 2004
Signature of Seventh inventor	Date of this assignment
Akiko Inoue	
Name of eighth inventor	Execution date of U.S. Patent Application
Saitama, Japan	
Residence of eighth inventor	
Akitonnow	October 25.2004
Signature of eighth inventor	Date of this assignment

PATENT REEL: 015977 FRAME: 0348

**RECORDED: 11/10/2004**