

12-27-2004



Form	P	IO-	15	,5
(Rev.	03/	01)		

102911147

₹TMENT OF COMMERCE atent and Trademark Office

OMB No. 0651-0027 (exp. 5/31/2002)	SONLY
To the Honorable Commissioner of Patents and Trademarks:	Please record the attached original documents or copy thereo
Name of conveying party(ies):	Name and address of receiving party(ies)
1. Kazuhiro Sato (12/14/04)	Name: Sony Corporation
	Internal Address:
	Street Address:
Additional name(s) of conveying party(ies) Yes X No attached?	6-7-35 Kitashinagawa Shinagawa-Ku
3. Nature of Conveyance:	
x Assignment Merger	
Security Agreement Change of Name	City: Tokyo
Other	Country: Japan Zip: 141-0001
Execution Date: see Box 1, conveying parties	Additional name(s) & Yes x No
	address(es) attached:
4. Application number(s) or patent number(s):	
If this document is being filed together with a new application, the	execution date of the new application is:
A. Patent Application No.(s): 10/963,64	
A. Fatent Application No.(8). 10/905,04	42 2. 7 dione 110.(0).
Additional numbers attac	a car that the
Additional numbers attac	ched? Yes x No
5. Name and address of party to whom correspondence	6. Total number of applications and
Name and address of party to whom correspondence concerning document should be mailed:	<del></del>
Name and address of party to whom correspondence concerning document should be mailed:     Name: Ronald P. Kananen	6. Total number of applications and patents involved:
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:  7. Total fee (37 CFR 3.41)  40.00
<ol> <li>Name and address of party to whom correspondence concerning document should be mailed:</li> <li>Name: Ronald P. Kananen RADER, FISHMAN &amp; GRAUER PLLC</li> </ol>	6. Total number of applications and patents involved:  7. Total fee (37 CFR 3.41)  Enclosed
Name and address of party to whom correspondence concerning document should be mailed:     Name: Ronald P. Kananen	6. Total number of applications and patents involved:  7. Total fee (37 CFR 3.41)  Enclosed
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Ronald P. Kananen RADER, FISHMAN & GRAUER PLLC  Street Address: 1233 20th Street, N.W.	6. Total number of applications and patents involved:  7. Total fee (37 CFR 3.41)  Enclosed  Authorized to be charged to deposit according to the control of
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Ronald P. Kananen RADER, FISHMAN & GRAUER PLLC  Street Address: 1233 20th Street, N.W.	6. Total number of applications and patents involved:  7. Total fee (37 CFR 3.41)  Enclosed  X Authorized to be charged to deposit accordance (Form 2038 enclosed)
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Ronald P. Kananen RADER, FISHMAN & GRAUER PLLC  Street Address: 1233 20th Street, N.W. Suite 501	6. Total number of applications and patents involved:  7. Total fee (37 CFR 3.41)  Enclosed  X Authorized to be charged to deposit accommodate (Form 2038 enclosed)  8. Deposit account number:
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Ronald P. Kananen RADER, FISHMAN & GRAUER PLLC  Street Address: 1233 20th Street, N.W.	6. Total number of applications and patents involved:  7. Total fee (37 CFR 3.41)  Enclosed  X Authorized to be charged to deposit accommodate (Form 2038 enclosed)  8. Deposit account number:  18-0013
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Ronald P. Kananen RADER, FISHMAN & GRAUER PLLC  Street Address: 1233 20th Street, N.W. Suite 501  City: State: Zip: Washington DC 20036	6. Total number of applications and patents involved:  7. Total fee (37 CFR 3.41)  Enclosed  X Authorized to be charged to deposit accommodate (Form 2038 enclosed)  8. Deposit account number:  18-0013
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Ronald P. Kananen RADER, FISHMAN & GRAUER PLLC  Street Address: 1233 20th Street, N.W. Suite 501  City: State: Zip: Washington DC 20036	6. Total number of applications and patents involved:  7. Total fee (37 CFR 3.41) \$ 40.00  Enclosed  X Authorized to be charged to deposit according (Form 2038 enclosed)  8. Deposit account number:  18-0013  (Attach duplicate copy of this page if paying by deposit according to the company of the page if paying by deposit according to the company of the page if paying by deposit according to the page if paying the page if paying by deposit according to the page if paying by deposit according to
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Ronald P. Kananen RADER, FISHMAN & GRAUER PLLC  Street Address: 1233 20th Street, N.W. Suite 501  City: State: Zip: DC 20036  DO NOT USE  9. Statement and signature.	6. Total number of applications and patents involved:  7. Total fee (37 CFR 3.41) \$ 40.00  Enclosed  X Authorized to be charged to deposit according (Form 2038 enclosed)  8. Deposit account number:  18-0013  (Attach duplicate copy of this page if paying by deposit according to the page of the paying by deposit according to the paying by deposit
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Ronald P. Kananen RADER, FISHMAN & GRAUER PLLC  Street Address: 1233 20th Street, N.W. Suite 501  City: State: Zip: Washington DC 20036	6. Total number of applications and patents involved:  7. Total fee (37 CFR 3.41) \$ 40.00  Enclosed  X Authorized to be charged to deposit according (Form 2038 enclosed)  8. Deposit account number:  18-0013  (Attach duplicate copy of this page if paying by deposit according to the page of the paying by deposit according to the page of the paying by deposit according to the page of the paying by deposit according to the page of the paying by deposit according to the page of the paying by deposit according to the page of the paying by deposit according to the page of the paying by deposit according to the page of the paying by deposit according to the page of the paying by deposit according to the page of the paying by deposit according to the page of the paying by deposit according to the page of the paying by deposit according to the page of the paying by deposit according to the paying by deposit according to the page of the paying by deposit according to the page of the paying by deposit according to the page of the paying by deposit according to the page of the paying by deposit according to the page of the paying by deposit according to the paying by deposit according to the page of the paying by deposit according to the page of the paying by deposit according to the paying by deposit a
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Ronald P. Kananen RADER, FISHMAN & GRAUER PLLC  Street Address: 1233 20th Street, N.W. Suite 501  City: State: Zip: Washington DC 20036  DO NOT USE  9. Statement and signature.  To the best of my knowledge and belief, the foregoing in	6. Total number of applications and patents involved:  7. Total fee (37 CFR 3.41) \$ 40.00  Enclosed  X Authorized to be charged to deposit according (Form 2038 enclosed)  8. Deposit account number:  18-0013  (Attach duplicate copy of this page if paying by deposit according to the page of the paying by deposit according to the paying by deposit
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Ronald P. Kananen RADER, FISHMAN & GRAUER PLLC  Street Address: 1233 20th Street, N.W. Suite 501  City: State: Zip: Washington DC 20036  DO NOT USE  9. Statement and signature.  To the best of my knowledge and belief, the foregoing in is a true copy of the original document.  Ronald P. Kananen, Reg. No. 24,104	6. Total number of applications and patents involved:  7. Total fee (37 CFR 3.41) \$ 40.00  Enclosed  X Authorized to be charged to deposit according (Form 2038 enclosed)  8. Deposit account number:  18-0013  (Attach duplicate copy of this page if paying by deposit according to the paying by depo
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Ronald P. Kananen RADER, FISHMAN & GRAUER PLLC  Street Address: 1233 20th Street, N.W. Suite 501  City: State: Zip: DC 20036  DO NOT USE  9. Statement and signature.  To the best of my knowledge and belief, the foregoing in is a true copy of the original document.	6. Total number of applications and patents involved:  7. Total fee (37 CFR 3.41) \$ 40.00  Enclosed  X Authorized to be charged to deposit according (Form 2038 enclosed)  8. Deposit account number:  18-0013  (Attach duplicate copy of this page if paying by deposit according to the page of the paying by deposit according to the page of the paying by deposit according to the page of the paying by deposit according to the page of the paying by deposit according to the page of the paying by deposit according to the page of the paying by deposit according to the page of the paying by deposit according to the page of the paying by deposit according to the page of the paying by deposit according to the page of the paying by deposit according to the page of the paying by deposit according to the page of the paying by deposit according to the page of the paying by deposit according to th
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Ronald P. Kananen RADER, FISHMAN & GRAUER PLLC  Street Address: 1233 20th Street, N.W. Suite 501  City: State: Zip: Washington DC 20036  DO NOT USE  9. Statement and signature.  To the best of my knowledge and belief, the foregoing in is a true copy of the original document.  Ronald P. Kananen, Reg. No. 24,104	6. Total number of applications and patents involved:  7. Total fee (37 CFR 3.41) \$ 40.00  Enclosed  X Authorized to be charged to deposit according (Form 2038 enclosed)  8. Deposit account number:  18-0013  (Attach duplicate copy of this page if paying by deposit according to the page of the paying by deposit according to the page of the paying by deposit according to the page of the paying by deposit according to the page of the paying by deposit according to the page of the paying by deposit according to the page of the paying by deposit according to the page of the paying by deposit according to the page of the paying by deposit according to the page of the paying by deposit according to the page of the paying by deposit according to the page of the paying by deposit according to the page of the paying by deposit according to the paying by

12/23/2004 ECDOPER 00000138 180013 01 FC:8021 40.00 MA

> **PATENT REEL: 016091 FRAME: 0918**

	SON-3105
Docket Number:	

## 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 MEDIA INFORMATION SEARCH APPARATUS AND MEDIA INFORMATION SEARCH METHOD

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 (hereinafter referenced as ASSIGNEE) 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 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 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 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 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 reques	t my a	attomey(s)	of record	in this	application t	o insert	the serial	number	and filing	date of
	lication in the							, Fili	ng Date	:Octobe	r 14,	2004 .	
• •		•											

This assignment executed on the dates indicated below.	This assignment executed on the dates indicated below.							
Kazuhiro SATO								
Name of first or sole inventor	Execution date of U.S. Patent Application							
Tokyo, Japan								
Residence of first or sole inventor								

Mazumo S

Date of this assignment

PATENT REEL: 016091 FRAME: 0919 INFORMATION SHEET Sony File: S04P1453\*\*00

PROVISIONAL TITLE:

an apparatus and a method for retrieving information from media-

CORRESPONDING ORIGINAL APPLICATION(S):

--- The Application(s) claiming priority right is (are) indicated by \* mark ---

APPLICATION NO.

FILING DATE

COUNTRY

\* P2003-360051

October 20, 2003

JAPAN

ASSIGNMENT DATE:

October 19, 2003

ASSIGNEE (S):

(1) SONY CORPORATION

ADDRESS:

7-35, KITASHINAGAWA 6-CHOME, SHINAGAWA-KU, TOKYO, JAPAN

INVENTOR (S):

(1) KAZUHIRO SATO

**RECORDED: 12/17/2004** 

RESIDENCE: TOKYO JAPAN

P. O. ADDRESS:

c/o SONY CORPORATION

ADDRESS:

7-35, KITASHINAGAWA 6-CHOME, SHINAGAWA-KU, TOKYO, JAPAN

PATENT REEL: 016091 FRAME: 0920