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(09/04/2007)	Name: SONY CORPORATION
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3. Nature of Conveyance:	Tokyo
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11/825,113	B. Patent No.(s)
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Additional numbers attached? Name and address to whom correspondence concerning document should be mailed; Jame: Dennis M. Smid, Esq. LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP	Yes x No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFE 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card x Authorized to be charged to deposit account Enclosed
Additional numbers attached? Name and address to whom correspondence concerning document should be mailed; Jame: Dennis M. Smid, Esq. LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP Itemal Address: Atty. Dkt.; Itemal Address: 600 South Avenuo West IV: Wostfield	Yes x No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card X Authorized to be charged to deposit account Enclosed None required (government interest not affecting title
Name and address to whom correspondence concerning document should be mailed; Name: Dennis M. Smid, Esg. Name: Dennis M. Smid, Esg. LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP Itemail Address: Atty, Dkt.; Introductoress: free: NJ Zip: 07090	Yes x No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card X Authorized to be charged to deposit account Enclosed None required (government interest not affecting liftle 8. Payment Information
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Additional numbers attached? Name and address to whom correspondence concerning document should be mailed; Jame: Dennis M. Smid, Esq. Jame: Dennis M. Smid, Esq. LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP Itemal Address: Atty. Dkt.; tree: Address: 600 South Avenuo West Itema Address: 600 South Avenuo West Itema Mumber: 908) 518-6374 x Number: (908) 654-0415	Yes x No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card Authorized to be charged by credit card X Authorized to be charged to deposit account Enclosed None required (government interest not affecting liftle 8. Payment Information a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number

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Docket No.: SONYJP 3.0-1415 Sony Ref. No.: S07P0953US00

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:

1MAGING APPARATUS AND METUOD, AND PROGRAM

for which application for Letters Pa ent of the United States of America was executed by me on the date indicated next to my name

AND WHEREAS, Sony Corporation, a Japanese corporation with offices at 1-7-1 Konan, Minato-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 Dolla: (\$1.00), and other good and valuable consideration, the receipt and suffic ency of which are hereby acknowledged. I, as a sole or joint inventor as indicated below, by these presents do hereby assign, sel and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, my 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 ecuvention 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 assignce of the whole right, title

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 Palent 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 'oreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters Pate it which may be granted for my aforesaid invention, as the ASSIGNEE thereof shall bereafter 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 request my attorney(s) of record in this application to insert the application number and filing date of this application in the spaces that follow: Application Number: 11/825,116: Filing Date: July 3, 2007 .

This assignment executed on the dates indicated below.

Kaname Ogawa

Name of First or Sole Inventor

Execution Date of U.S. Patent Application

Kanagawa, Japan

Residence of First or Sole Inventor

Kanane Oga a Signature of First or Sole Inventor

Date of this Assignment

PATENT REEL: 019914 FRAME: 0115

Docket No.: SONYJP 3.0-1415 Sony Ref. No.: S07P0953US00

Name of Second Joint Inventor	Transactions Theory of the second sec
	Execution Date of U.S. Patent Application
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Kanagawa, Japan Residence of Second Joint Inventor	······································
- Kein Koons	fuquest 31, 2007
Signature of Second Joint Inventor	Date of this Assignment
Makoto Yamada	and a month of the second s
Name of Third Joint Inventor	
19. f	Execution Date of U.S. Patent Application
Tokyo, Japan Residence of Third Joint Inventor	
Makoto Gamada	Sep. 3, 2007
Signature of Third Joint Inventor	
10	Date of this Assignment
Jiroshi Jinno Name of Fourth Joint Inventor	
same of Fourth Joint Inventor	Execution Date of U.S. Patent Application
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Canagawa, Japan Residence of Fourth Joint Inventor	
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