10-31-2002

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| 1/31/92 10/0/02 10226 | 6491 Patent and Tradem |
| To the Honorable Commissioner of Patents and Trademark thereof. | ks: Please Record the attached original documents or o |
| 1. Name of conveying party(ies): | Name and address of receiving party(ies): Name: _Sony Corporation |
| MINORU TAKEDA | 1 |
| NOBUYUKI ARAKAWA MOTOHIRO FURUKI | Internal Address: |
| SHINGO IMANISHI | Shinagawa-ku, Tokyo 141, Japan |
| Additional name(s) of conveying party(les) attached? | Street Address: |
| ☐ Yes ⊠ No | |
| O. Network of a supplement | City:State:Zip: |
| 3. Nature of conveyance: 図 Assignment □ Merger □ Security Agreement □ Change of Name | Additional Name(s) & Address(es) attached ☐ Yes ☐ |
| Dother | 7 |
| Execution Date September 12 and 19, 2002 | |
| 4. Application (number(s) or patent number(s): If this document is being filed together with a new a | me of the company of |
| A. Patent Application No.(s) U.S. Serial No. 10/183,649 filed June 27, 20 Attorney Docket No. 09792909-5402 Additional numbers attached? □ Yes 図 No | B: Patent No.(s) |
| Additional numbers attached? I I Yes IAI NO | #Miles Cat |
| Additional flambors attacked a 100 at | 6 Total number of applications and natents in |
| 5. Name and address of party to whom correspondence concerning document should be | |
| 5. Name and address of party to whom | |
| 5. Name and address of party to whom correspondence concerning document should be | 7. Total Fee (37 CFR 3.41 |
| 5. Name and address of party to whom correspondence concerning document should be mailed: SONNENSCHEIN NATH & ROSENTHAL | 7. Total Fee (37 CFR 3.41 |
| 5. Name and address of party to whom correspondence concerning document should be mailed: SONNENSCHEIN NATH & ROSENTHAL P.O. Box #061080 Wacker Drive Station Sears Tower | 7. Total Fee (37 CFR 3.41 \$ 40 区Enclosed 口 Authorized to be charged to American E. Acct. No. 378571697401002. Form 2038 is attathat purpose. |
| 5. Name and address of party to whom correspondence concerning document should be mailed: SONNENSCHEIN NATH & ROSENTHAL P.O. Box #061080 Wacker Drive Station | ☐ Authorized to be charged to American Ex Acct. No. 378571697401002. Form 2038 is atta that purpose. ☒ Any deficiency is authorized to be charg |
| 5. Name and address of party to whom correspondence concerning document should be mailed: SONNENSCHEIN NATH & ROSENTHAL P.O. Box #061080 Wacker Drive Station Sears Tower Chicago, IL 60606-1080 | 7. Total Fee (37 CFR 3.41 \$ 40 ⊠Enclosed ☐ Authorized to be charged to American E: Acct. No. 378571697401002. Form 2038 is attathat purpose. ☒ Any deficiency is authorized to be charged deposit account or any additional fees 8. Deposit Account Number: 19.3140 |
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| 5. Name and address of party to whom correspondence concerning document should be mailed: SONNENSCHEIN NATH & ROSENTHAL P.O. Box #061080 Wacker Drive Station Sears Tower Chicago, IL 60606-1080 Customer ID No. 26263 DO NOT USE THIS SPACE 9. Statement and signature: To the best of my knowledge and belief, the foregotopy is a true copy of the original document. David R. Metzger | 7. Total Fee (37 CFR 3.41 \$ 44 ⊠Enclosed □ Authorized to be charged to American E. Acct. No. 378571697401002. Form 2038 is attathat purpose. ☑ Any deficiency is authorized to be charged deposit account or any additional fees 8. Deposit Account Number: 19.3140 (Attach duplicate copy of this page if paying by deposit account or any additional fees) |
| 5. Name and address of party to whom correspondence concerning document should be mailed: SONNENSCHEIN NATH & ROSENTHAL P.O. Box #061080 Wacker Drive Station Sears Tower Chicago, IL 60606-1080 Customer ID No. 26263 DO NOT USE THIS SPACE 9. Statement and signature: To the best of my knowledge and belief, the forego copy is a true copy of the original document. David R. Metzger Name of Person Signing Signature: | 7. Total Fee (37 CFR 3.41 |
| 5. Name and address of party to whom correspondence concerning document should be mailed: SONNENSCHEIN NATH & ROSENTHAL P.O. Box #061080 Wacker Drive Station Sears Tower Chicago, IL 60606-1080 Customer ID No. 26263 DO NOT USE THIS SPACE 9. Statement and signature: To the best of my knowledge and belief, the forego copy is a true copy of the original document. David R. Metzger Name of Person Signing Mail documents to be recorded and required cover | 7. Total Fee (37 CFR 3.41 |

PATENT REEL: 13425 FRAME: 0869

Docket Number: _____09792909-5402

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 STAMPER FOR PRODUCING OPTICAL RECORDING MEDIUM, OPTICAL RECORDING MEDIUM, AND METHODS OF

PRODUCING THE SAME

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 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: 10/183,649 Filing Date: June 27, 2002

This assignment executed on the dates indicated below.

| MINORU TAKEDA | |
|--------------------------------|---|
| Name of first or sole inventor | Execution date of U.S. Patent Application |

Residence of first or sole inventor

TOKYO, JAPAN

Signature of first or sole inventor

September 12, 2002

Date of this assignment

PATENT REEL: 13425 FRAME: 0870

| NOBUYUKI ARAKAWA | |
|--|---|
| Name of second inventor | Execution date of U.S. Patent Application |
| KANAGAWA, JAPAN | |
| Residence of second inventor | |
| Signature of second inventor | September 12 200 |
| Signature of second inventor | Date of this assignment |
| | |
| | |
| | |
| MOTOHIRO FURUKI | |
| Name of third inventor | Execution date of U.S. Patent Application |
| TOKYO, JAPAN | |
| Residence of third inventor | |
| Residence of third inventor Signature of third inventor | September 19, 2002 Date of this assignment |
| Signature of third inventor | Date of this assignment |
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| SHINGO IMANISHI | |
| Name of fourth inventor | Execution date of U.S. Patent Application |
| KANAGAWA, JAPAN | |
| Residence of fourth inventor | |
| Things amanishi | September 19, 2002 Date of this assignment |
| Signature of fourth inventor | Date of this assignment |
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| | |
| Name of fifth inventor | Execution date of U.S. Patent Application |
| - | |
| Residence of fifth inventor | |
| | |
| Signature of fifth inventor | Date of this assignment |

PATENT REEL: 13425 FRAME: 0871

RECORDED: 10/10/2002