| FORM PTO - 1984 | 10-04-2000 |) | R SHEET | 8.14 DO | U.S. DEPARTMENT OF COMMERCE |
|---|--|---|------------------|-----------------------------------|-------------------------------|
| SON-1798 | | | | Patent and Trademark Offi | ce |
| To the Honorable Commissioner of F | 101478618 | 1 JEG 1881 | ched original d | ocuments or copy t | hereof. |
| Name of conveying party(ies) (1) Shun KAYAMA (2) Yasuhiro KATAOKA | AUG 1 4 2000 | Name: SO | ONY CORPOR | eceiving party(ies) | |
| Additional name(s) of conveying party(ies) | attached No RADEMARK | Internal A | | | - cyo |
| 3. Nature of conveyance: | | Street Address: 7-35 KITASHINAGAWA 6-CHOME SHINAGAWA-KU | | | |
| | lerger | City: TO | KYO, JAPAN | | |
| Other | | Additional name(s) & address(es) attached ☐ Yes ☒ No | | | |
| Execution Date: July 24, 2000 (1 & 2) | | | | | |
| 4. Application number(s) or patent numbe | r(s): 09/546,169 | | | | |
| If the document is being filed together | with a new application, the ex Additional numbe | | | tion is NO | |
| Name and address of party to whom co document should be mailed: | rrespondence concerning | 6. Total | number of applic | cations and patents | involved: 1 |
| Name: Ronald P. Kananer | n, Esq. | 7. Total | fee (37 CFR 3.4 | 1)\$ | 40.00 |
| Internal Address: RADER, FISHMA | N & GRAUER | | Enclosed | | |
| Suite 501 | | ⊠Aut | horized to be ch | arged to Deposit A | ccount |
| Street Address: 1233 20 th Street, NW | | 8. Deposit account number: 18-0013 | | | |
| City: Washington, D.C. | Zip: 20036 | (Attac | h duplicate copy | of ths page if payi | ng by deposit account) |
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| 9. Statement and signature. To the best of my knowledge and belied document. | f, the foregoing information is | s true and o | correct and any | attached copy is a t | rue copy of the original |
| Ronald P. Kananen Name of Person Signing | Signature | | Tota | August 14, Date I number of pages | 2000 comprising cover sheet 1 |
| /03/2000 GTON11 00000180 180013 09546 FC:581 40.00 CH | 169 | | | | - |

10/03/2000 GTON11 00000180 01 FC:581 40.00 CH

PATENT REEL: 011120 FRAME: 0977

Docket Number: SON-1798

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

DRIVE UNIT USING SHAPE MEMORY ALLOY

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: 09/546.169, Filing Date: April 11, 2000.

This assignment executed on the dates indicated below.

| SHUN KAYAMA | |
|-------------------------------------|---|
| Name of first or sole inventor | Execution date of U.S. Patent Application |
| SAITAMA, JAPAN | |
| Residence of first or sole inventor | 71 21 2005 |
| Shin Kayama | July 24, 2006 |
| Signature of first or sole inventor | Date of this assignment |

PATENT REEL: 011120 FRAME: 0978

YASUHIRO KATAOKA Name of second inventor Execution date of U.S. Patent Application KANAGAWA, JAPAN Residence of second inventor Name of third inventor Execution date of U.S. Patent Application Residence of third inventor Signature of third inventor Date of this assignment Name of fourth inventor Execution date of U.S. Patent Application Residence of fourth inventor Signature of fourth inventor Date of this assignment Name of fifth inventor Execution date of U.S. Patent Application Residence of fifth inventor

RECORDED: 08/18/2000 REEL: 011120 FI

Signature of fifth inventor

PATENT REEL: 011120 FRAME: 0979

Date of this assignment