

07-15-1999

U.S. DEPARTMENT OF COMMERCE

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Attorney's Docket No. 030673-090

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Toshimi YAMAGISHI; Yukio SAWADA; and Yoshio YAMAGUCHI

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name

Other: _____

Execution Date: Dec. 29, 1998; Jan 5, and May 27, 1999

2. Name and address of receiving party(ies):

Name: Harmonic Drive Systems, Inc.Address: 25-3, Minamiohi 6-chome,Shinagawa-ku, Tokyo, 140-0013 JAPANAdditional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

(09/203,578)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: William C. Rowland

Address: BURNS, DOANE, SWECKER & MATHIS, L.L.P.

P.O. Box 1404

Alexandria, Virginia 22313-1404

6. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41): \$ 40.00☒ Enclosed☒ Authorized to be charged to deposit account, if necessary

8. Deposit account number:

02-4800

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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.

William C. Rowland RN 30,888

Name of Person Signing

Signature

July 13, 1999

Date

Total number of pages including cover sheet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks

Box Assignments

Washington, D.C. 20231

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PATENT
REEL: 010084 FRAME: 0317

ASSIGNMENT

(JOINT)

THIS ASSIGNMENT, by TOSHIMI YAMAGISHI; YUKIO SAWADA; and Yoshio YAMAGUCHI residing at C/O HARMONIC DRIVE SYSTEMS, INC. HOTAKA-KOJYO, 1856-1, OHAZA MAKI, HOTAKA-MACHI, MINAMIAZUMI-GUN, NAGANO-KEN, 399-8305 JAPAN and 389-9, Akiyama, Matsudo-shi, Chiba-ken, 270-2223 JAPAN (hereinafter referred to as "the Assignors"), respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in ROTATION TRANSMITTING DEVICE set forth in an application for Letters Patent of the United States, ☐ which is a provisional application to be filed herewith; ☐ which is a non-provisional application having an oath or declaration executed on even date herewith prior to filing of application; ☒ bearing Application No. _____, and filed on DECEMBER 2, 1998; and

WHEREAS, HARMONIC DRIVE SYSTEMS, INC. a corporation duly organized under and pursuant to the laws of JAPAN and having principal place of business at 25-3, MINAMIOHI 6-CHOME, SHINAGAWA-KU, TOKYO, 140-0013 JAPAN

(hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said application, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions and application for Letters Patent above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignees, or the counsel of their successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any

country, including interference proceedings, is lawful and desirable, or that any division, continuation, or continuation-in-part of any application for Letters Patent, or any reissue or extension of any Letters Patent to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent for said inventions, without charge to the Assignee, ~~its~~ successors, legal representatives, and assigns, but at the cost and expense of the Assignee, ~~its~~ successors, legal representatives, and assigns;

AND the Assignors hereby authorize and request the attorneys of Burns, Doane, Swecker & Mathis of Alexandria, Virginia, to insert in the spaces provided above the filing date, application number, and attorney docket number of said application when known.

AND the Assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to the Assignees as the Assignees of said inventions, the Letters Patent to be issued for the sole use and behalf of the Assignee, ~~its~~ successors, legal representatives, and assigns.

Date <u>Dec. -29-'93</u>	Signature of Assignor <u>T. Yamagishi</u> Toshimi YAMAGISHI
Date <u>Jan -5-'99</u>	Signature of Assignor <u>Y. Sawada</u> Yukio SAWADA
Date <u>May. 27. '99</u>	Signature of Assignor <u>Y. Yamaguchi</u> Yoshio YAMAGUCHI