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U.S. DEPARTMENT OF COMMERCE

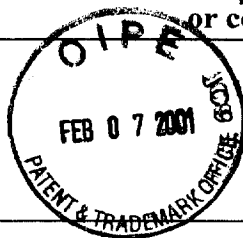
Patent and Trademark Office

To the Honorable Commissioner of Patents

101617250

and the attached original documents

or copy thereof.



1. Name of conveying party(ies):

Shigeharu Sumi

Name and address of receiving party(ies):

Name: Nidec Corporation

Internal Address:

Street Address: 10 Tsutsumisoto-cho
Nishikyogoku, Ukyo-ku, Kyoto,
615-0854, Japan

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other: _____

Additional name(s) & address(es) attached?

☐ Yes ☒ NoExecution Date: January 16, 2001

4. Application number(s) or registration number(s): 09/680,231

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Mark D. Giarratana

Internal Address: Cummings & Lockwood

Street Address: Granite Square, 700 State Street
P.O. Box 1960

City: New Haven State: CT Zip: 06509-1960

6. Total number of applications and registrations involved: ☐ 1 ☐7. Total fee (37 CFR 3.41): \$40.00☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit account number: 50-1631

(Attach duplicate copy of this page if paying by deposit account)

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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.

Name of Person Signing: Mark D. Giarratana

Signature:

Date: February 5, 2001

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

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40.00 UP

PATENT
REEL: 011513 FRAME: 0692

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I the undersigned,
(insert full name(s) and post office addresses of inventors)

Shigeharu Sumi, 135-8, Kuwanomiji, Azuchicyou, Camougun, Shigaken 521-1321 Japan

(hereinafter, "Assignors"), who have created a certain invention for which an application for United States Letters Patent is filed entitled:

FLUID SEAL AND BEARING WITH SAME

(insert title of invention)

(check one)

☐ for which the application for U.S. Letters Patent has been executed on even date herewith; or

☒ for which the application for U.S. Letters Patent has been filed on October 6, 2000 as Application Serial No. 09/680,231.

Do hereby sell, assign and transfer to:

Nidec Corporation

10 Tsutsumisoto-cho

Nishikyogoku, Ukyo-ku, Kyoto, 615-0854 JAPAN

(insert full name(s) and post office addresses of assignee)

(hereinafter, "Assignee"), its successors, assigns, and legal representatives, the full and exclusive right to said invention and said application and to any and all inventions described in said application for the United States, its territorial possessions and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States, its territorial possessions and all foreign countries; and in and to any and all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, and all other applications for Letters Patent

relating thereto which have been or shall be filed in the United States, its territorial possessions and/or any foreign countries, and all rights, together with all priority rights, under any of the international conventions, unions, agreements, acts, and treaties, including all future conventions, unions, agreements, acts, and treaties.

I authorize Assignee to apply for and receive Letters Patent for such protection in its own name, in the United States, its territorial possessions, and all foreign countries; and that, when requested to carry out in good faith the intent and purpose of this assignment, at the expense of said Assignee, but without charge to Assignee, its successors, assigns and legal representatives, the undersigned will execute all continuations-in-part, continuations, divisions, substitutes, reissues, and extensions thereof, execute all rightful oaths, assignments, powers of attorney and other papers, testify in any legal or quasi legal proceedings; communicate to said Assignee, its successors, assigns, and legal representatives all facts known to the undersigned relating to said invention and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or legal representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said invention and for vesting title to said invention and all applications for patents on said invention in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

IN TESTIMONY WHEREOF, I have hereunto set my signature this 16 day of January, 2001.

Signature of first inventor: Shigeharu Sumi

(Witness) Kenichi Yamazaki

(Witness) Hideaki Kitamura

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