

01-27-1999

B/O FORM PTO-1596 (1/31/82)

U.S. Department of Commerce
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To the Assistant Commissioner of Patents. Please record the attached original documents or copies thereof.

Handwritten: New 1-25-99



1. Name of Conveying Party(ies):
 Takayoshi SHIMIZU
 Tetsuya KONDOH

Additional names of conveying parties attached.

2. Name and Address of Receiving Party(ies):

Name: 1) DAIDO TOKUSHUKO KABUSHIKI KAISHA
 2) SUMITOMO ELECTRIC INDUSTRIES, LTD.

Internal Address:

Street Address: 1) 11-18, Nishiki 1-chome, Naka-ku, Nagoya-shi, Aichi
 2) 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka

City, State, Zip: JAPAN, JAPAN

Additional name(s) and address(es) attached.

3. Nature of Conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other:

Execution Date: November 24, 1998

4. (A) Patent Application Number(s):

09/204,145

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

Additional Numbers Attached.

4. (B) Patent Number(s):

5. Name and Address of Party to whom Correspondence Concerning this Document Should be Mailed:

Name: J. ERNEST KENNEY
Address: Bacon & Thomas
 625 Slaters Lane - 4th Floor
 Alexandria, Va 22314

6. Total Number of Applications and Patents Involved:

7. Total Fee: \$40.00
 (37 CFR 3.41)

Enclosed.
 Authorized to be charged to deposit account.

8. Deposit Account Number: 02-0200

ATTACH DUPLICATE COPY OF THIS TABLE TO THE DEPOSIT ACCOUNT.

DO NOT USE THIS SPACE

9. Statement and Signature:
To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.

J. ERNEST KENNEY, Reg. No. 19,179
 Name of Person Signing

J. Ernest Kenney
 Signature

January 25, 1999
 Date

01/27/1999 INVENTEN 00000100 09204145
 01 FC 501 40.00 SP

Total number of pages including cover sheet: 3

RWB101.BH204145.ASG

PATENT
REEL: 9712 FRAME: 0503

ASSIGNMENT

WHEREAS, I (we), Takayoshi SHIMIZU and Tetsuya KONDOH whose post office address(es) appear(s) below, hereinafter referred to as ASSIGNOR, is(are) the owner of certain new and useful improvements in CORROSION RESISTANT SINTERED BODY HAVING EXCELLENT DUCTILITY, SENSOR RING USING THE SAME, AND ENGAGEMENT PART USING THE SAME (hereinafter referred to as the INVENTION) for which an application for United States Letters Patent was

executed on even date herewith

executed on:

filed on:

Serial No.:

established by PCT International Patent Application No.:

filed:

designating the United States of America

WHEREAS, DAIDO TOKUSHUKO KABUSHIKI KAISHA and SUMITOMO ELECTRIC INDUSTRIES, LTD.

whose post office address is

11-18, Nishiki 1-chome, Naka-ku, Nagoya-shi, Aichi, Japan and
5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka, Japan, respectively

hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to the same in the United States;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I (we), ASSIGNOR, by these presents do sell, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application.

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) in the United States for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE'S expense, to identify and communicate to ASSIGNEE at ASSIGNEE'S request documents and information concerning the INVENTION that are within ASSIGNOR'S possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR'S obligations under this instrument shall extend to ASSIGNOR'S heirs, executors, administrators and other legal representatives.

ALSO, ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE'S sole use and behoof; and for the use and behoof of ASSIGNEE'S legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

ASSIGNOR authorizes any member of the firm of *Bacon & Thomas* to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office.

Assignor Name Takayoshi SHIMIZU	Address 37, Aza-Kitamon, Ooaza-Takata, Ichinomiya-shi, Aichi, Japan
Where Signed Aichi, Japan	
Date November 24, 1998	Signature <i>T. Shimizu</i>
Witness (optional)	Witness (optional)
Print/Type Name	Print/Type Name
Signature	Signature

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ASSIGNMENT

Page: 2

<i>Assignor Name</i> Tetsuya KONDOH	<i>Address</i> 1809, Toda 4-chome, Nakagawa-ku, Nagoya-shi, Aichi, Japan
<i>Where Signed</i> Aichi, Japan	
<i>Date</i> November 24, 1998	<i>Signature</i> T. Kondo
<i>Witness (optional)</i>	<i>Witness (optional)</i>
<i>Print/Type Name</i>	<i>Print/Type Name</i>
<i>Signature</i>	<i>Signature</i>

<i>Assignor Name</i>	<i>Address</i>
<i>Where Signed</i>	
<i>Date</i>	<i>Signature</i>
<i>Witness (optional)</i>	<i>Witness (optional)</i>
<i>Print/Type Name</i>	<i>Print/Type Name</i>
<i>Signature</i>	<i>Signature</i>

<i>Assignor Name</i>	<i>Address</i>
<i>Where Signed</i>	
<i>Date</i>	<i>Signature</i>
<i>Witness (optional)</i>	<i>Witness (optional)</i>
<i>Print/Type Name</i>	<i>Print/Type Name</i>
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PATENT
REEL: 9712 FRAME: 0605