

5/22/03

RECORDATION

09-30-2003



To the Director of th  
Please record the attac

102562766

1. Name of conveying party(ies):

[FAMILY NAME (ALL CAPS), Given Name]

SASAKI, Eiji

SHIRAHATA, Kei

TANIGUCHI, Kazutoshi

KUZUU, Takashi

TATEHATA, Shoji

Additional name(s) of conveying party(ies) attached?

☒ YES ☐ NO

2. Name and address of receiving party(ies)

Name: MITSUBISHI DENKI KABUSHIKI KAISHA

Internal Address:

Street Address: 2-3, Marunouchi 2-chome, Chiyoda-ku

City: Tokyo

State:

ZIP:

Country: JAPAN

Postal Code: 100-8310

Additional name(s) & address(es) attached? ☐ YES ☒ NO

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other:

Execution Date: May 1, 2003

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: May 1, 2003

A. Patent Application No(s).

NEW

10/432238

B. Patent No.(s).

Additional numbers attached? ☐ YES ☒ NO

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

Name: BIRCH, STEWART, KOLASCH & BIRCH, LLP

Street Address: P.O. BOX 747

City: FALLS CHURCH State: VA ZIP: 22040-0747

Country: USA

6. Total No. of applications/patents involved: ONE (1)

7. Total fee (37 C.F.R. § 3.41): \$40.00

☒ Enclosed

☒ Authorized to be charged to deposit account, if no fee attached.

8. Deposit account number: 02-2448

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

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9. Statement and signature.

Michael K. Mutter, #29,680

Name of Person Signing/Reg. No.

Signature

May 22, 2003

Date

Total number of pages including cover sheet, attachments, and document: FIVE (5)

05/28/2003 SNAJARRO 00000118 10432238

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(Rev. 04/30/03)

Attachment to  
RECORDATION FORM COVER SHEET

Continuation of Box 1--Name of conveying party(ies):

**NAGAMI, Tetsurou**

**MUROTANI, Kiichiro**

**MORITA, Hisashi**

**WATANABE, Nao**

**INATANI, Takeshi**

**TAKESHIMA, Masaaki**

**NIIKURA, Eiji**

Continuation of Box 2--Name and address of receiving party(ies):

Continuation of Box 4--Application number(s) or patent number(s):

ATTORNEY DOCKET NO.

1163-0458P

## ASSIGNMENT

Application No. NEW

Filed May 22, 2003

Insert Name(s)  
of Inventor(s) ➡

WHEREAS, Eiji SASAKI, Kei SHIRAHATA, Kazutoshi TANIGUCHI,

Takashi KUZUU, Shoji TATEHATA, Tetsurou NAGAMI, Kiichiro MUROTANI,

Hisashi MORITA, Nao WATANABE, Takeshi INATANI, Masaaki TAKESHIMA

and Eiji NIIKURA, all residing at Tokyo, Japan

(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in \_\_\_\_\_

Insert Title  
of Invention ➡

"RACK AND PINION GEAR MECHANISM"

for which an application for Letters Patent of the United States of America has been executed by the undersigned

Insert Date  
of Signing of  
Application ➡

on May 1, 2003; and

Insert Name  
of Assignee ➡

WHEREAS, mitsubishi denki kabushiki kaisha

Insert Address  
of Assignee ➡

of 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 Japan

its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and

CHECK BOX  
IF APPROPRIATE ➡

☐ in any and all foreign countries.

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents does sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries;

and to any and all divisions, reissues, continuations and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date <u>May 1, 2003</u> ,	Name of Inventor <u>Eiji Sasaki</u> Eiji SASAKI (signature)
Date <u>May 1, 2003</u> ,	Name of Inventor <u>Kei Shirahata</u> Kei SHIRAHATA (signature)
Date <u>May 1, 2003</u> ,	Name of Inventor <u>Kazutoshi Taniguchi</u> Kazutoshi TANIGUCHI (signature)
Date <u>May 1, 2003</u> ,	Name of Inventor <u>Takashi Kuzuu</u> Takashi KUZUU (signature)
Date <u>May 1, 2003</u> ,	Name of Inventor <u>Shoji Tatehata</u> Shoji TATEHATA (signature)
Date <u>May 1, 2003</u> ,	Name of Inventor <u>Tetsurou Nagami</u> Tetsurou NAGAMI (signature)

Attorney Docket No. \_\_\_\_\_

Date May 1, 2003

Name of Inventor Kiichiro Murotani  
(signature) Kiichiro MUROTANI

Date May 1, 2003

Name of Inventor Hisashi Morita  
(signature) Hisashi MORITA

Date May 1, 2003

Name of Inventor Nao Watanabe  
(signature) Nao WATANABE

Date May 1, 2003

Name of Inventor Takeshi Inatani  
(signature) Takeshi INATANI

Date May 1, 2003

Name of Inventor Masaaki Takeshima  
(signature) Masaaki TAKESHIMA

Date May 1, 2003

Name of Inventor Eiji Niikura  
(signature) Eiji NIIKURA

Date \_\_\_\_\_

Name of Inventor \_\_\_\_\_  
(signature)

Date \_\_\_\_\_

Name of Inventor \_\_\_\_\_  
(signature)

Date \_\_\_\_\_

Name of Inventor \_\_\_\_\_  
(signature)

Date \_\_\_\_\_

Name of Inventor \_\_\_\_\_  
(signature)

Date \_\_\_\_\_

Name of Inventor \_\_\_\_\_  
(signature)

Date \_\_\_\_\_

Name of Inventor \_\_\_\_\_  
(signature)

Date \_\_\_\_\_

Name of Inventor \_\_\_\_\_  
(signature)

Date \_\_\_\_\_

Name of Inventor \_\_\_\_\_  
(signature)