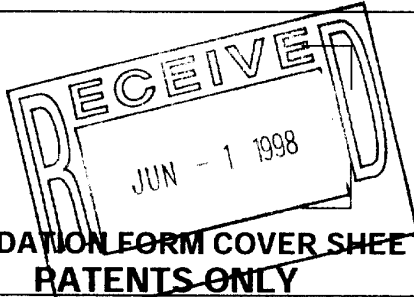


FORM PTO-1619A
Expires 06/30/99
OMB 0651-0027

6-1AB



U.S. Department of Commerce
Patent and Trademark Office
PATENT

06-16-1998



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Patent Application Number(s)			Patent Number(s)		
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="5533247"/>	<input type="text" value="5672365"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year

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PCT <input type="text"/>	PCT <input type="text"/>	PCT <input type="text"/>

Number of Properties Enter the total number of properties involved. #

Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$

Method of Payment: Enclosed Deposit Account

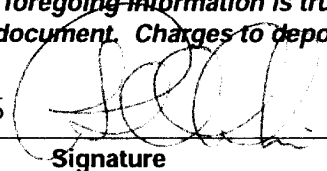
(Enter for payment by deposit account or if additional fees can be charged to the account.)

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Authorization to charge additional fees: Yes No

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. Charges to deposit account are authorized, as indicated herein.

PHILLIP S. OBERLIN, REG.NO. 19,066 

Name of Person Signing Signature Date

FILED

Attorney's Docket No. 1-12358

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Kiyoshi Ishii et al.

Serial No.: 0 8 /305,562_____ Group No.: 3206
Filed: September 14, 1994 Examiner: David P. Bryant
For: "Method for Fabricating a Lead Screw Made of Synthetic Resin Material and
Having a Core Tube Therein"
Patent: 5,533,247 Issue Date: July 9, 1996

**DESIGNATION OF DOMESTIC REPRESENTATIVE BY ASSIGNEE
(37 CFR 3.61)**

1. I(We) am(are) the assignee(s) of the above-identified ~~application~~/patent by virtue of an assignment

separately submitted for recordal on even date herewith.

A separate "ASSIGNMENT (DOCUMENT) RECORDAL COVER SHEET"
or FORM PTO 1595 is also attached.

recorded in the PTO on _____
Date

Reel _____ Frame _____

2. In accordance with 37 CFR 3.37, the assignee hereby certifies that the evidentiary documents, with respect to its ownership, have been reviewed and that, to the best of assignee's knowledge and belief, title is in the assignee seeking to take this action. A "CERTIFICATE UNDER 37 CFR 3.73(b)" is attached.

3. I(We) do not reside in the United States

I(We) designate, as domestic representative, on whom process or notice of proceedings affecting the ~~application~~/patent may be served.


Name: MARSHALL & MELHORN

Phillip S. Oberlin

Address: Four SeaGate - 8th Floor

Toledo, Ohio 43604
Telephone No.: (419) 249-7149

MINEBEA CO., LTD.


Signature of authorized person

Date: May 12, 1998

Goro OGINO

(type or print name of person authorized to sign on behalf of assignee)

President of MINEBEA CO., LTD.

Title of person authorized to sign on behalf of assignee

ASSIGNMENT

WHEREAS, KABUSHIKI KAISHA MOLD GIJUTSU KENKYUSHO, (hereinafter referred to as "ASSIGNOR"), a corporation of Japan, having its principal place of business at 7-7 Minamiooi, 6-chome, Shinagawa-ku, Tokyo, Japan, owns certain United States Letters Patents Nos. 5,533,247 and 5,672,365; and

WHEREAS, MINEBEA CO., LTD., (hereinafter referred to as "ASSIGNEE"), a corporation of Japan, having its principal place of business at 4106-73 Miyota-machi, Kitasaku-gun, Nagano-ken, Japan, is desirous of acquiring the entire interest in and under both United States Letters Patents Nos. 5,533,247 and 5,672,365.

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN:

Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of Two Dollars (\$2.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the full and exclusive right, title and interest for the United States and its territorial possessions, to said United States Letters Patents entitled "Method For Fabricating A Lead Screw Made Of Synthetic Resin

Material And Having A Core Tube Therein" and "Die Assembly For Molding A Lead Screw", (Kiyoshi Ishii and Mizuho Ishikawa, inventors), both of which claim priority of Japanese Patent Application No. 265346; and are found in U.S. Patents Nos. 5,533,247 issued July 9, 1996, and 5,672,365, a Division of 5,533,247, issued September 30, 1997, both of which were previously assigned and recorded in the United States Patent and Trademark Office on September 14, 1994, Reel 7158, Frame 0330, or any continuations, divisions, renewals, substitute or reissues thereof for the full terms for which the same may be granted.

ASSIGNOR hereby covenants that no assignment, sale agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said Letters Patents, as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits

1-12358/1-12816

required to apply for, obtain, maintain and enforce said Letters Patents which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, KABUSHIKI KAISHA MOLD GIJUTSU KENKYUSHO has caused this ASSIGNMENT to be executed by its duly authorized and empowered office and representative on this 9th day of March, 1998.

KABUSHIKI KAISHA MOLD GIJUTSU KENKYUSHO

By: K. Ishii

Name: Kiyoshi ISHII

Title: President

Witness: Sadaaki Kobata

Witness: Kyoko Hishikura