

A/D581-40

12-14-1998

09/142139

Form PTO-1595  
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Department of Commerce  
Patents & Trademark Office

Journey Docket No. P1160-8014

Date: September 2, 1998

MRD 9/2/98

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

## 1. Name of conveying party(ies)

Takeki SHIRAI; Shigeru EBINA;  
Mitsuaki HONMA; Tomozumi MURATA

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

\_\_\_ Yes

XX No

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

Name: THK CO., LTD.

Internal Address:

300 Rec'd PCT/PTO 02 SEP 1998

Street Address: 11-6, Nishi-gotanda 3-chome

Shinagawa-ku, Tokyo 141-0031, Japan

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

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

\_\_\_ Yes

XX No

## 3. Nature of conveyance:

XX Assignment

\_\_\_ Merger

\_\_\_ Security Agreement

\_\_\_ Change of Name

\_\_\_ Other \_\_\_\_\_

Execution Date: July 15, 1998

## 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: July 15, 1998

## A. Patent Application No.(s)

New Application

## B. Patent No.(s)

Additional numbers attached? \_\_\_ Yes

XX No

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

NIKAIDO, MARMELSTEIN, MURRAY &amp; ORAM LLP

Internal Address: \_\_\_\_\_

Street Address: Metropolitan Square, 655 15th St., N.W.,

Suite 330 - G Street Lobby

City: Washington State: DC Zip: 20005-5701

## 6. Total number of applications and patents involved:

1

## 7. Total fee (37 CFR 3.41)..... \$ 40.00

XX Included in attached Check #15869

XX Any additional fees are authorized to be charged to deposit account

40E

## 8. Deposit account number:

14-1060

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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.

George E. Oram, Jr.  
Name of Person Signing  
Reg. No. 27,931  
SignatureSeptember 2, 1998  
Date

Total number of pages including cover sheet, attachments and document: 2

PATENT  
REEL: 9628 FRAME: 0270

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

## U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by

THK CO., LTD.

(Insert  
ASSIGNEE's  
Name(s)  
Address(es))

11-6, Nishi-gotanda 3-chome, Shinagawa-ku, Tokyo

141-0031 Japan

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

BALL CHAIN

(Title of  
Invention)

(\*If the assignment  
is being filed  
after the  
filing of the  
application, this  
section must be  
completed)

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

\*filed on January 14, 1998, Serial No. PCT/JP98/00120

(Nikaido, Marmelstein, Murray & Oram is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with application and any continuing, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, division, reissue or reexamination thereof or Letters Patent 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, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)

<u>Takeki Shirai</u> (SIGNATURE)	<u>Takeki SHIRAI</u> (TYPE NAME)	<u>July 15, 1998</u> (DATE)
<u>Shigeru Ebina</u> (SIGNATURE)	<u>Shigeru EBINA</u> (TYPE NAME)	<u>July 15, 1998</u> (DATE)
<u>Mitsuaki Honma</u> (SIGNATURE)	<u>Mitsuaki HONMA</u> (TYPE NAME)	<u>July 15, 1998</u> (DATE)
<u>Tomozum Murata</u> (SIGNATURE)	<u>Tomozum MURATA</u> (TYPE NAME)	<u>July 15, 1998</u> (DATE)
_____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
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_____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
_____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)

NO LEGALIZATION REQUIRED