102187336 Attorney Docket No. 021020

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**Submission type:** X New

Conveyance type: X Assignment

**Conveying Party(ies):** (Last, First, Middle Initial) Execution Date

First party Name: MICHIOKA, Hidekazu July 31, 2002

Second party Name: IIDA, Katsuya July 31, 2002

Third party Name: MURATA, Tomozumi July 31, 2002

Fourth party Name: HONJYO, Yoshiyuki July 31, 2002

Additional name(s) of conveying party(ies) attached? Yes No X

Receiving Party (ies):

First party Name: THK CO., LTD.

Address: 3-11-6, Nishi-Gotanda, Shinagawa-ku,

Tokyo, Japan

Additional name(s) & address(es) attached? Yes No XX

**Domestic Representative Name and Address** (Enter for the first Receiving Party only)

> ARMSTRONG, WESTERMAN & HATTORI, LLP 1725 K Street, N.W., Suite 1000 Washington, D.C. 20006

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**PATENT** REEL: 013170 FRAME: 0107

Page 2					
Correspondent Name and Address  ARMSTRONG, WESTERMAN & HATTORI, LLP  1725 K Street, N.W., Suite 1000  Washington, D.C. 20006					
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Application Number(s) or Patent Number(s) Additional numbers attached? Yes No XX  A. Patent Application No.(s)  ##  B. Patent No.(s)  ##					
If this document is being filed together with a <u>new</u> application, enter the date the application was signed by the first named executing inventor: <u>July 31, 2002</u> (Do not recite both application and patent numbers.)					
Patent Cooperation Treaty (PCT)  Enter PCT application number only if a U.S. Application Number has not been assigned  PCT  PCT  PCT  PCT  PCT  PCT  PCT  PC					
Number of Properties Enter the total number of properties involved: 1					
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PATENT REEL: 013170 FRAME: 0108

Armstrong, Westerman, Hattori, McLeland & Naught	Armstrong.	Westerman.	Hattori.	McLeland	&	Naughtor
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(Insert ASSIGNEE's Name(s) Address(es))

(Title of Invention)

(Signatures)

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

Armstrong, Westerman, Hattori	Docket No.	
U.S. ASSIGN		
IN CONSIDERATION of the sum consideration paid to the undersigned i	of One Dollar (\$1.00), and of	
THK CO., LTD.		
3-11-6, Nishi-Gotanda, S (hereinafter ASSIGNEE), the receipt of hereby sells, assigns and transfers to a the invention entitled	f which is hereby acknowledged, t	he undersigned ASSIGNOR
ROLLING ELEMENT INTERFEREN	NCE PREVENTER AND A GUIL	E DEVICE
for which application for Letters Pate unless otherwise indicated below:	nt of the United States was exec	uted on even date herewith
filed on(Armstrong, Westerman, Hattori, M code, serial number and/or filing date		uthorized to insert the series
and all Letters Patent of the United continuation, divisional, substitute, rewhich the same may be granted.		
The ASSIGNOR agrees to execute a continuation, divisional, reissue or reassignments in connection with such ap-	examination applications thereof a	and also to execute separate
The ASSIGNOR agrees to execute litigation, or other legal proceeding continuation, divisional, reissue or recthereon and to cooperate with the ASSIGNOR agrees to execute litigation, or other legal proceeding with such interest and proceeding with such interest.	which may be declared concern examination thereof or Letters Pa SSIGNEE in every way possible	ing this application or any tent or reissue patent issued in obtaining and producing
IN WITNESS WHEREOF the unde	rsigned inventor(s) bas (bave) affix	ed his/her/their signature(s).
Breten Mudica	Hidekazu MICHIOKA	July 31, 2002
(SIONATURE)	(TYPE NAME)	(DATE)
Hatouya Sida	Katsuya IIDA	July 31, 2002
(SIONATURE)	(TYPE NAME)	(DATE)
Tomogumo Murata	Tomozumi MURATA	July 31, 2002
(SIGNATURE)	(TYPE NAME)	(DATE)
(SIGNATURE)	Yoshiyuki HONJYO (TYPE NAME)	July 31, 2002 (DATE)
(	(	,,
(SIGNATURE)	(TYPE NAME)	(DATE)

(TYPE NAME)

(TYPE NAME)

NO LEGALIZATION REQUIRED

**RECORDED: 08/06/2002** 

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**PATENT REEL: 013170 FRAME: 0109** 

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