Form PTO-1595 RECORDATION FORM COVER SHEET DATENTS ONLY

Name of Person Signing

Reg. No. 27,931

05-06-1999



U.S.∣	Dep	ar	tment	of	Commerce
Paten	ts	&	Traden	nark	Office

Attorney	Docket	No		P1160-9003
Date		Manak	27	1000

	510 Recy PCT/PTO 2 3 MAR 1999
101031912 oner	
 Name of conveying party(ies) 	2. Name and address of receiving party(ies):
Shigeru EBINA; Ryuji TAKEDA	Name: THK CO., LTD.
Additional name(s) of conveying party(ies) attached?	Internal Address:
Yes <u>XX</u> No	
	Street Address: 11-6, Nishigotanda 3-chome,
3. Nature of conveyance:	Shinagawa-ku, Tokyo 141-0031, Japan
XX Assignment Merger Security Agreement Change of Name	
Other	Additional name(s) & address(es) attached?
Execution Date: March 4, 1999	YesXX No
If this document is being filed together with a new applic is: March 4, 1999 A. Patent Application No.(s) New Application	ation, the execution date of the application B. Patent No.(s)
Additional numbers attached	d? Yes <u>XX</u> No
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
NIKAIDO, MARMELSTEIN, MURRAY & ORAM LLP	·
Internal Address:	7. Total fee (37 CFR 3.41) \$ 40,00
	XX Included in attached Check #19107
Suite 330 - G Street Lobby	XX Any additional fees are authorized to be charged to deposit account
City: Washington State: DC Zip: 20005-5701	8. Deposit account number:
DO NOT USE	THIS SPACE
copy of the original document.	ormation is true and correct and any attached copy is a true

Signature

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

Docket	No.	
Docket	No.	

U.S. ASSIGNMENT

THK CO., LTD.		<u> </u>
	nome, Shinagawa-ku, Tokyo	o 141–0031 Japan
(hereinafter ASSIGNEE), the receipt hereby sells, assigns and transfers to a invention entitled BALL		
for which application for Letters Pater otherwise indicated below:	nt of the United States was executed	d on even date herewith unles
*filed on	, Serial No.	
(Nikaido, Marmelstein, Mur number and/or filing date hereon, wh	тау & Oram is hereby authorized t en known)	to insert the serial code, seria
and all Letters Patent of the United Sta division, renewal, substitute, reissue same may be granted.		
continuing, divisional, reissue or re		
assignments in connection with such a	applications as the ASSIGNEE may	deem necessary or expedien
,	execute all papers necessary in cong which may be declared concernmination thereof or Letters Patent of E in every way possible in obtaining	nection with any interference rning this application or an or reissue patent issued thereo
The ASSIGNOR agrees to e itigation, or other legal proceeding continuation, division, reissue or reexa and to cooperate with the ASSIGNE	execute all papers necessary in cong which may be declared concernamination thereof or Letters Patent of E in every way possible in obtaining igation, or other legal proceeding.	nection with any interference ming this application or an or reissue patent issued thereon ag and producing evidence an
The ASSIGNOR agrees to editigation, or other legal proceeding continuation, division, reissue or reexained to cooperate with the ASSIGNED proceeding with such interference, little IN WITNESS WHEREOF, the under	execute all papers necessary in cong which may be declared concernamination thereof or Letters Patent of E in every way possible in obtaining igation, or other legal proceeding.	nection with any interference rning this application or an or reissue patent issued thereon ag and producing evidence are ed his/her/their signature(s).
The ASSIGNOR agrees to e itigation, or other legal proceeding continuation, division, reissue or reexand to cooperate with the ASSIGNED proceeding with such interference, little IN WITNESS WHEREOF, the under	execute all papers necessary in cong which may be declared concernamination thereof or Letters Patent of E in every way possible in obtaining igation, or other legal proceeding.	nection with any interference rning this application or an or reissue patent issued thereon ag and producing evidence are ed his/her/their signature(s).
The ASSIGNOR agrees to e itigation, or other legal proceeding continuation, division, reissue or reexamend to cooperate with the ASSIGNED proceeding with such interference, little IN WITNESS WHEREOF, the under Shipera Ehina	execute all papers necessary in cong which may be declared concernmination thereof or Letters Patent of E in every way possible in obtainingation, or other legal proceeding. esigned inventor(s) has (have) affixed Shigeru EBINA	nection with any interference rning this application or ar or reissue patent issued thereon ag and producing evidence are ed his/her/their signature(s).
The ASSIGNOR agrees to e itigation, or other legal proceeding continuation, division, reissue or reexamend to cooperate with the ASSIGNED proceeding with such interference, little IN WITNESS WHEREOF, the under Shipera Ehina	execute all papers necessary in cong which may be declared concernamination thereof or Letters Patent of E in every way possible in obtaining igation, or other legal proceeding. This is a signed inventor(s) has (have) affixed the signed inventor (s) has (have) affixed the signed the	nection with any interference raing this application or are reissue patent issued thereony and producing evidence are the his/her/their signature(s). March 4, 1999 (DATE)
The ASSIGNOR agrees to e itigation, or other legal proceeding continuation, division, reissue or reexament to cooperate with the ASSIGNED proceeding with such interference, little IN WITNESS WHEREOF, the under Shipera Ehma (SIGNATURE) Ryuji Takeda	execute all papers necessary in cong which may be declared concermination thereof or Letters Patent of E in every way possible in obtaining igation, or other legal proceeding. Shigeru EBINA (TYPE NAME) RYULL TAKEDA	nection with any interference raing this application or an or reissue patent issued thereon and producing evidence are the definition of t
The ASSIGNOR agrees to e itigation, or other legal proceeding continuation, division, reissue or reexamend to cooperate with the ASSIGNED proceeding with such interference, little WITNESS WHEREOF, the under Shapeur Ehrma (SIGNATURE) Rywit Takeda (SIGNATURE)	execute all papers necessary in cong which may be declared concernamination thereof or Letters Patent of E in every way possible in obtaining igation, or other legal proceeding. esigned inventor(s) has (have) affixed Shigeru EBINA (TYPE NAME) RYUII TAKEDA (TYPE NAME)	nection with any interference raining this application or an or reissue patent issued thereon and producing evidence are and his/her/their signature(s). March 4, 1999 (DATE) March 4, 1999 (DATE)
The ASSIGNOR agrees to e itigation, or other legal proceeding continuation, division, reissue or reexa and to cooperate with the ASSIGNED proceeding with such interference, little NUTNESS WHEREOF, the under Shapera Ehrina (SIGNATURE) Ryayi Takeda (SIGNATURE) (SIGNATURE)	execute all papers necessary in cong which may be declared concernmentation thereof or Letters Patent of E in every way possible in obtaining igation, or other legal proceeding. Shigeru EBINA (TYPE NAME) RYULL TAKEDA (TYPE NAME) (TYPE NAME)	mection with any interference raining this application or an or reissue patent issued thereone and producing evidence and ed his/her/their signature(s). March 4, 1999 (DATE) March 4, 1999 (DATE)
The ASSIGNOR agrees to e itigation, or other legal proceeding continuation, division, reissue or reexa and to cooperate with the ASSIGNED proceeding with such interference, little in WITNESS WHEREOF, the under Shiger Ehina (SIGNATURE) Ryuji Takeda (SIGNATURE) (SIGNATURE)	execute all papers necessary in cong which may be declared concernmination thereof or Letters Patent of E in every way possible in obtaining igation, or other legal proceeding. Shigeru EBINA (TYPE NAME) RVUIL TAKEDA (TYPE NAME) (TYPE NAME) (TYPE NAME)	mection with any interference raining this application or an or reissue patent issued thereong and producing evidence and ed his/her/their signature(s). March 4, 1999 (DATE) March 4, 1999 (DATE) (DATE)

NO LEGALIZATION REQUIRED

RECORDED: 03/23/1999

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

[Title of Invention]

[*If the assignment is being filed after the filing of the application, this

section must be completed]

[Signature(s)]

PATENT REEL: 9923 FRAME: 0872