FORM PTO-1594 1-31-92

RECORDATION FORM COVER SHEET PATENTS ONLY

05-02-2001

101698911

1	4
2	

<ol> <li>Name of</li> </ol>	of conveying party(ies):	3 N	
1. 2.	ы conveying рапу(ies): Hiroshi MATOBA Ryoichiro UEHARA	i	address of receiving party(ies):
		Name: YKK Cor	rporation
Additional name(s) of conveying party(ies) attached? □ Yes ⊠ No		Internal Address:	4.60
3. Nature of conveyance:		Street Address:	No. 1, Kanda Izumi-cho, Chiyoda-ku, Tokyo, Japan
		City:	, , , , , , , , , , , , , , , , , , , ,
	Assignment   Merger	State:	Zip Code:
	Security	'	, , ,
	Agreement   Change of Name		
	Other	Additional manages (a) 0	A.I. ( ) ( ) 10
			Address(es) attached?
ecution Date:	March 28, 2001	□ Yes ⊠ No	
	tion number(s) or patent number(s): If this document is be tion: <u>March 28, 2001</u>	eing filed together with	a new application, the execution date of th
Patent Application Number(s):		B. Patent Number(s):	
Patent A	Application Number(s):	B. Patent Number(s)	):
Patent /	Application Number(s): $ \sqrt{9/839/72} $	B. Patent Number(s)	):
Patent /	10/2 - 122		): 
Name a	Additional numbers attace	hed?□Yes ⊠ No	er of applications and registrations involved
Name a	09/839172	ched? □ Yes ⊠ No 6. Total numbe 1	er of applications and registrations involved
Name a	Additional numbers attace and address of party to whom correspondence ning document should be mailed:	hed? □ Yes ⊠ No 6. Total numbe	
Name a concern	Additional numbers attace and address of party to whom correspondence ning document should be mailed:  nest F. Chapman	thed? □ Yes ☒ No  6. Total number 1  7. Total fee (37) ☒  Enclosed (Please ch	er of applications and registrations involved
Name a concern ame: Mr. En	Additional numbers attacked and address of party to whom correspondence ning document should be mailed:  nest F. Chapman  FINNEGAN, HENDERSON, FARABOW, GARRETT	ched? □ Yes ☒ No  6. Total number 1  7. Total fee (37 ☒  Enclosed (Please ch	er of applications and registrations involved 7 CFR 3.41): \$40 arge deficiency to deposit account)
Name a concern ame: Mr. En	Additional numbers attacked and address of party to whom correspondence ning document should be mailed:  nest F. Chapman  FINNEGAN, HENDERSON, FARABOW, GARRETT	ched? □ Yes ☒ No  6. Total number 1  7. Total fee (37 ☒  Enclosed (Please ch	er of applications and registrations involved 7 CFR 3.41): \$40
Name a concern ame: Mr. En	Additional numbers attacked and address of party to whom correspondence ning document should be mailed:  nest F. Chapman  FINNEGAN, HENDERSON, FARABOW, GARRETT	ched? □ Yes ☒ No  6. Total number 1  7. Total fee (37 ☒  Enclosed (Please ch	er of applications and registrations involved 7 CFR 3.41): \$40 arge deficiency to deposit account)
Name a concern ame: Mr. En	Additional numbers attacked and address of party to whom correspondence and document should be mailed:  nest F. Chapman  FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.	hed? □ Yes ☒ No  6. Total number 1  7. Total fee (37) ☒ Enclosed (Please charmal Authorized to be charmal fee (37)  Authorized to be charmal fee (37)	er of applications and registrations involved 7 CFR 3.41): \$40 arge deficiency to deposit account) arged to deposit account
Name a concern ame: Mr. Erroternal Address	Additional numbers attacked and address of party to whom correspondence and document should be mailed:  nest F. Chapman  FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.  1300 I Street, N.W.  Washington	ched? □ Yes ☒ No  6. Total number 1  7. Total fee (37 ☒  Enclosed (Please charm)  Authorized to be charm	er of applications and registrations involved 7 CFR 3.41): \$40 arge deficiency to deposit account)
Name a concern ame: Mr. Enternal Address street Address:	Additional numbers attacked and address of party to whom correspondence and document should be mailed:  nest F. Chapman  FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.  1300 I Street, N.W.  Washington  DC Zip: 20005-3315	Enclosed (Please characteristics)  Authorized to be characteristics.	er of applications and registrations involved 7 CFR 3.41): \$40  arge deficiency to deposit account)  arged to deposit account  count number: 06-0916
Name a concern ame: Mr. Erronternal Address Street Address: City: State: 9. Staten	Additional numbers attacked and address of party to whom correspondence and document should be mailed:  nest F. Chapman  FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.  1300 I Street, N.W.  Washington	Enclosed (Please characteristics)  Authorized to be characteristics.	er of applications and registrations involved 7 CFR 3.41): \$40  arge deficiency to deposit account)  arged to deposit account  count number: 06-0916  and any attached copy is a true copy of the
Name a concern ame: Mr. Errotternal Address: City:  State:  State:  Staten To the	Additional numbers attacked and address of party to whom correspondence and document should be mailed:  Interest F. Chapman  FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.  1300 I Street, N.W.  Washington  DC Zip: 20005-3315  Interest And Signature.  Be best of my knowledge and belief, the foregoing information and document.	Enclosed (Please characteristics)  Authorized to be characteristics.	er of applications and registrations involved 7 CFR 3.41): \$40  arge deficiency to deposit account)  arged to deposit account  count number: 06-0916
Name a concern ame: Mr. Errotternal Address: City:  State:  State:  Staten To the	Additional numbers attacked and address of party to whom correspondence and document should be mailed:  Inest F. Chapman  FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.  1300 I Street, N.W.  Washington  DC Zip: 20005-3315  Inent and signature. Be best of my knowledge and belief, the foregoing informational document.	Enclosed (Please characteristics)  Authorized to be characteristics.	er of applications and registrations involved of CFR 3.41): \$40  arge deficiency to deposit account)  arged to deposit account  count number: 06-0916  and any attached copy is a true copy of the

PATENT REEL: 011739 FRAME: 0048

Permo- L2011 SOLE/JOINT INVENTION (Worldwide Rights)

## **ASSIGNMENT**

WHEREAS I/We, the below named inventor(s), Hiroshi MATOBA and Ryoichiro UEHARA (h

WHEREAS I/We, the below named inventor(s),	HITOSHI MATOBA and Ryolchiro UEHARA (hereinafter
referred to as Assignors) have made an invention entitle	d:
SWIVEL SNAP HOOF	OF SYNTHETIC RESIN
for which I/We executed an application for United S	States Letters Patent concurrently herewith or filed an
application for United States Letters Patent on	
Chiyoda-ku, Tokyo, Japan(hereinafter referred to as As	of Japan whose post address is No.1, Kanda Izumi-cho, signee), is desirous of securing the entire right, title, and shout the world, and in and to the application for United
States Letters Patent on this invention and the Letters I	Patent to be issued upon this application;
	• •• •
and other good and valuable consideration the receipt of assignor(s), have sold, assigned, transferred, and set over assignee, its lawful successors and assigns, my/our endorvisional application Serial No, filed, filed, filed, filed, filed, filed, filed, filed, filed, and all reissues thereof, and all rights to claim priority on the as all rights to claim priority on the basis of this applied applied for this invention in any foreign country, and all extensions, renewants the Commissioner of Patents and Trademarks of	onsideration of the sum of One Dollar(\$1.00)in hand paid of which from assignee is hereby acknowledged, I/We, as a paid to hereby sell, assign, transfer, and set over unto the entire right, title, and interest in and to this invention, (if any), and this application, and all not of the United States which may be granted thereon, and basis of the above provisional application (if any), as well eation, and all applications for Letters Patent which may try and all Letters Patent which may be granted on this ewals, and reissues thereof; and I/We hereby authorize and if the United States and any official of any foreign country ibed above, to issue all Letters Patent for this invention to the terms of this Assignment;
AND, I/WE HEREBY covenant that I/We have Assignment, and I/We have not executed and will not exe	the full right to convey the interest assigned by this ecute any agreement in conflict with this Assignment;
with assignee, its successors and assigns, any facts knowlegal proceeding, sign all lawful papers when called upor be necessary or desirable to perfect the title to this inverdivisional, continuation, and reissue applications, make	hat I/We will, without further consideration, communicate own to me/us respecting this invention, and testify in any a to do so, execute and deliver any and all papers that may attion in said assignee, its successors or assigns, execute all all rightful oaths and generally do everything possible to enforce proper patent protection for this invention in the stood that any expense incident to the execution of such assigns.
IN TESTIMONY WHEREOF, I/We have hereunto	Algorithm
	NameHiroshi MATOBA
Country of Japan )	Address 1262, Hikatae, Toyama-shi,
Pref. of Toyama-ken ss.	Toyama-ken, Japan
Witness:	Signature Hirothi Matoba
NameChikako HONDA	Date March 28 , 2001
	Date

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P. · WASHINTON, D.C.

SOLE/JOINT INVENTION

Page 1-201

(Worldwide Rights)

page2

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

	Assignor's:
Country of <u>Japan</u> )	Name <u>Ryoichiro UEHARA</u>
Pref. of <u>Toyama-ken</u> ) ss.	Address 115. Tenjinshin, Kurobe-shi,
	Toyama-ken, Japan
Witness:	n / ///
Name Chikako HONDA	Signature Ryoichiro Ucharo Date March 28, 2001
Signature Chicago fondo	Date March 28 , 2001
Digitature Transfer L.	

RECORDED: 04/23/2001

PATENT REEL: 011739 FRAME: 0050