OFF-W		,				
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Commissioner of Palents & Trademarks BO	∮ ′ ∩8-	11-2009	Washington, D.C. 20231			
Form PTO-1595		111 4.	i. DEPARTMENT OF COMMERCE			
(Rev. 03/01)			TENT AND TRADEMARK OFFICE			
To the honorable Commissioner of Pat∋ its and Tra	der 100	3570448	ent or copy thereof:			
Name of Conveying Party(ies):	2. Name and Addr	ess of Receiving Party	(ies):			
SUMI, Takehiko	Name:	Kyoraku Co., Ltd				
EGUCHI, Tetuaki	Street Address:	598-1, Tatsumae-cho, Nakadachiuri-sagaru				
YAMAZAKI, Daisuke	Street Address:	Karasumadori, Kamigyo-ki				
	City:	Kyoto-shi, Kyoto				
	State/Country:	Japan Po	ostal Code: 6020912			
Additional name(s) of conveying party(ies) attached?	Additional name(s) and add	resses attached?	No			
3. Nature of Conveyance:	<u> </u>					
Assignment	☐ Change of Nar	me				
Security Agreement	Other:					
☐ Merger	Execution Date:	07012009				
4. Application Number(s) or Patent Number(s):						
\square Assignment is being filed together with new appli	cation and the first e	execution date of applic	ation is :			
Application has been filed already and the application		04202009				
A. Patent Application Number(s):	B. Issued Patent Nur	mber(s):				
12385789						
Additional num	nbers attached? DY	es No				
Name and address of party to whom corresponder concerning this matter should be mailed:	6. Total number of applications and patents involved:					
CUSTOMER NUMBER 00136	7. Total Fee (37 CFR	3.41): \$ 40.00				
JACOBSON HOLMAN PLLO		Enclosed				
400 Seventh Street, N.W.	Any deficiencies in enclosed fees are					
Washington, D.C. 20004-221 Tel. 202-638-6⋻66	authorized to be charged to Deposit					
, 5 232 666 6766		Account No. 06-	7.558.			
Attorney Docket Number: P73067US0		08/07/2009 MAU	1ED1 00000061 12385789			
DO N	OT USE THIS SPA	CE #1 FC:8021				
8. Statement and Signature:	· · · · · · · · · · · · · · · · · · ·		40.00 0 attached copy is a true			
To the best of my knowledge and belief, the foreg copy of the original document.	aing Intormation is tr		į			
Allen S. Melser 27,215	XXXXIIU	elekter -	August 6, 2009			
Name of Person Signing, Reg. No.	Signature		Date			
Total	number of pages includ	ding cover sheet, attachme	ents, and documents: 3			
JCH 103-2/02						

PATENT

REEL: 023080 FRAME: 0967

		UNI	TED S	ATES OF AMERICA	- ASSIGN	MENT				
(1-6)	Insert Name(s) of Inventors	(1) Takehiko SUMI								
	<u> </u>	(2)	(2) Tetuaki EGUCHI							
Į		(3)	Daisuk	YAMAZAKI						
		(4)			· · · · · · · · · · · · · · · · · · ·					
		(5)							and	
		(6)								
			paid to	ideration of the sum of o each of the undersi ledged, the undersigned	gned, the n	eceipt a	and sufficiency of w			
(7)	Insert <u>Name</u> of Assignee	(7)	KYORAKU CO., LTD							
(8)	Insert <u>Address</u> of Assignee	(8)		598-1, Tatsumae-cho, Nakadachiuri-sagaru, Karasumadori, Kamigyo-ki, Kyot0-shi, Kyoto 6020912, JAPAN						
(9)	Insert Legal Entity and State	(9)	A	orporation		Of	Japan			
	or Country (e.g., a corporation or citizen of			after designated as the A					ited	
(10)	Japan) Insert Identification of	States, its territories, dependencies and possessions, in the invention known as (10)								
(1.5)	Invention, such as Title, Case Number or Foreign Application Number	()	MULTILAYER TUBE							
			for which	ch the undersigned has (ica	have) execut	ed an ap	oplication for patent in	the Uni	ted States	
(11)	Insert <u>Date</u> of signing of Application, or filing date	(11)	Sa	id application having be	en executed/f	iled on				
	and Serial No., if known			and	assigned Se	rial No.	12/385, 78	39		
and als	The undersigned agree(s) to to execute separate assignment									
	 The undersigned agree(s) ning this application or any cor ining evidence and going forwar 	itinuino rd with	g or divis	sional applications there erference.	of and to coc	perate v	with the Assignee in ev	ery way	/ possible	
claims	 The undersigned agree(s) to or provisions of the International The undersigned agree(s) to 	al Unio	n for Pro	tection of Industrial Prop	erty or simila	ar agreei	ments.			
to the A	Assignee.								- 1	
Assian	5) The undersigned hereby au s of the United States resulting see of the entire interest, and he has (they have) not executed, a	from tereby c	his appl	cation or any continuing that he has (they have)	g or division: full right to	al applic convey	ations thereof to the s	aid Ass	signee, as	
	6) Accionar bereby further as	sinns	to Assic	nee all claims and caus	es of action	for infr	ingement of the paten	t rights	assigned	
herein,	including the right to sue for, as 7) The undersigned hereby gra	rd colle	ect dama	ges for, any and all acts	of past and f	uture in1	ringement.		1	
United	to insert on this assignment an States Patent and Trademark Of	y furthe fice for	er identif r recorda	ication which may be ne ition of this document.	cessary or o	esirable	in order to comply with	h the ru	iles of the	
1	n witness whereof, executed by				e the undersi	gned na	me(s).		(SEAL)	
Date	ate July DO 9 Name of Inventor		Takehiko SUMI typed name		1	kehiko kun	nature	(02,)		
Date	e F Tuly 2009 Name of Inventor							(SEAL)		
Date	July 1 , === 1			typed name				nature	(SEAL)	
Date	> July 1, 2009 Na	ame of	Inventor	Daisuke YAMAZAF typed name	<u> </u>	La	isuke Yamazaki sig	nature		
	Na Na	ame of	Inventor			>		nature	(SEAL)	
Date				typed name			Siç	mature	(SEAL)	
Date	► Na	ame of	Inventor typed name			sig	gnature			
	TN:	ame of	Inventor		F	- i	gnature	(SEAL)		
Date				typed name	signed abroa	d, or a l	Notary Public if domest	ically si	igned. If	
not, the	en the execution by the inventor	(5) 511	Juliu De V	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	T	ho sign	here:		· · · · · · · · ·	
	Additional inventor's names and	signat	ures on	a separate sheet.	Witness					
		· · · · ·	LAW (FFICES OF JACOBSON	HOLMAN PLL	.c				
				THE JENIFER BUILDS 400 SEVENTH STREET WASHINGTON, D.C. 2	N.W.					

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RECORDED: 08/06/2009