502463883 08/20/2013

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Masaaki SUEOKA	05/15/2013
Yoshio YAMAUCHI	05/15/2013

RECEIVING PARTY DATA

Name:	KYORAKU CO., LTD	
Street Address:	598-1, Tatsumae-cho, Nakadachiuri-sagaru, Karasumadori, Kamigyo-ku	
City:	Kyoto-shi, Kyoto	
State/Country:	JAPAN	
Postal Code:	6020912	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13990319

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	138320	
NAME OF SUBMITTER:	Linda J. Shapiro	
Signature:	/Linda J. Shapiro/	
Date:	08/20/2013	

Total Attachments: 2

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PATENT REEL: 031041 FRAME: 0586 OF \$40.00 13990319

ASSIGNMENT OF APPLICATION FOR UNITED STATES PATENT

Whereas, we,	Masaaki Sueoka			
of	c/o Kyoraku Co., Ltd, 2-3-10, Kawaramachi,			
	Chuo-ku, Osaka 5410048	. Japan		
and	Yoshio Yamauchi			
of	c/o Kyoraku Co., Ltd, 2-3	-10, Kawaramachi,		
	Chuo-ku, Osaka 5410048,	Japan		
(hereinafter Assignors)	have invented certain nev	v and useful improve:	ments in	
	Rectangular Thin Par	nel Conveyance Ûnit		
for which an applicat	ion for United States Lett	ers Patent:		
was executed on was filed on	even date herewith.	and was assigned Appel	No	
was med on	and was assigned Appl. No.			
Whereas, Ky	oraku Co., Ltd		(hereinafter Assignee),	
having a principal pla	ce of business at		•	
	Nakadachiuri-sagaru, Karası	madori, Kamigyo-ku,		
Kyoto-shi, Kyoto 6020				
is desirous of acquiris	ng the entire right, title an	d interest to the said i	nvention, and in and to	
	nd any Letters Patent that		·	

Now, therefore, for and in consideration of one dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, the Assignors hereby sell and assign to the Assignee, the Assignee's successors and assigns, the entire right, title and interest of the Assignors in and to the said invention and in and to the said application and all patents which may be granted therefor, and extensions thereof; and the Assignors hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as our interest is concerned to the said Assignee, as assignee of their entire right, title and interest.

The Assignors hereby further agree that we will communicate to the Assignee or to the Assignee's successors, assigns and legal representatives, any facts known to us respecting any improvements, and at the expense of said assignee, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, reissue and substitute applications, make all lawful oaths, and generally do everything possible to aid the said Assignee, the Assignee's successors, assigns and nominees to obtain and endorse proper patent protection for said invention in all countries.

The Assignors authorize our attorneys at JACOBSON HOLMAN PLLC to insert into this Assignment document any identifying information concerning this patent application, such as its title, filing date and application number.

PATENT REEL: 031041 FRAME: 0587

ASSIGNMENT OF APPLICATION FOR UNITED STATES PATENT Page 2

In witness whereof,	Masaaki S	ueoka			
has set his/her hand this	>> /5	***************************************	>>	May	2013
·	day		month		year
					1
			>>	M, Swec aki Sueoka signal	ka
			(Masac	aki Sueoka signa	ture)
Witness 1:					
(printed name)			(witness .	signature)	
Witness 2:					
(printed name)			(witness	signature)	
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	~ ~,		**********		<i>J.</i>
			>>	Yamauchi signa	di
			(Yoshic	Yamauchi signa	ture)
Witness 1:					
Williess 1:					
(printed name)		************	(witness .	signature)	
Witness 2:					
(printed name)			(witness)	signature)	

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PATENT REEL: 031041 FRAME: 0588

RECORDED: 08/20/2013