502640884 01/17/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2687492

SUBMISSION TYPE:		NEW ASSI	NEW ASSIGNMENT			
NATURE OF CONVE	/ANCE:	ASSIGNME	ASSIGNMENT			
CONVEYING PARTY	DATA					
		Name		Execution Date		
NOBUYUKI YAMAMO	OTO	Name	10/28/2013			
MASASHI SHIMAHAI				10/28/2013		
MASARU IDE				10/28/2013		
RECEIVING PARTY D)ATA					
Name:	MITSUBISHI	RAYON CO., LTD.				
Street Address:	1-1, MARUNC	UCHI 1-CHOME, CH	HYODA-KU			
City:	токуо					
State/Country:	JAPAN	JAPAN				
Postal Code:	100 8253					
PROPERTY NUMBER	S Total: 1					
Property Type			Number			
Application Number:		14122840				
CORRESPONDENCE Fax Number: Phone: Email: Correspondence will E Correspondent Name:	(703 (703 mka ne sent via US Ma	ON, SPIVAK, ET AL	=			
Address Line 1: Address Line 4:) DUKE STREET XANDRIA, VIRGINIA	22314			
	ALE					
Address Line 4:	NUMBER:	XANDRIA, VIRGINIA	99			
Address Line 4: ATTORNEY DOCKET	NUMBER:	XANDRIA, VIRGINIA 424429US	99 ASSAYE			

Total Attachments: 2

source=424429US99PCTASSIGNMENT#page1.tif source=424429US99PCTASSIGNMENT#page2.tif

502640884 PATENT REEL: 031994 FRAME: 0644

Assignment of Application

Page 1 of 2

	WHEREAS, I (WE)	Nobuyuki YAMAMC	rO, c/o Toyohashi Production Center, Mitsubishi R	ayon Co., Ltd.,				
NSURT NAMIIS AND RESIDENCIS		1-2, Ushikawadori 4-	nome, Toyohashi-shi, Aichi, 4408601 Japan					
ALBURNISH OF THE INVENTORS:		Masashi SHIMAHARA, c/o Toyohashi Production Center, Mitsubishi Rayon Co., Ltd.,						
		1-2, Ushikawadori 4-	nome, Toyohashi-shi, Aichi, 4408601 Japan	4				
		Masaru IDE, c/o Toyo	nashi Production Center, Mitsubishi Rayon Co., Ltd	., 1-2,				
		Ushikawadori 4-chom	, Toyohashi-shi, Aichi, 4408601 Japan					
				· · · · · · ·				
								
INBERT TİTLE		·		, respectively,				
of invigition	have invented certain r	new and useful improven	ents in: LOOM AND WEAVING METHOD USIN	G THE SAME				
INSERT DATE IN-								
VISTORIS SIGNED DECLARATION:	for which an application	on for Letters Patent was	xecuted on					
	(Application No. 1	4/122,840	,filed November 27, 2013), and				
NGRRT NAMR AND ADDRESS OF COMPANY OR OTHER ASSIGNED	WHEREAS, M	itsubishi Rayon Co., Ltd.						
	(hereinafter referred to	as "ASSIGNEE") havin	a place of business at: 1-1, Marunouchi 1-chome,	Chiyoda-ku,				
	Tokyo 1008253 JAPA	<u>.</u> N	 ,,,					
	is desirous of acquiring	g the entire right, title an	interest in and to said invention and in and to any	Letters Patent that				

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE. its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date:	October	28,	2013	No	sbuyuki	Yamamoto	-
	October			(gittratrine of juvernot) No	obuyuki YAM	AMOTO	Shimahara
D#(6) _		<u> </u>			asashi SHIMA		
Date:	October	28,	2013	(Signature of Inventor) Ma	10Sara	IÐE	
Date:				(Signature of Inventor)	nsaru 1DE		
Date:	<u></u>			(Signature of Invantor)			
Date:				(Signature of Inventor)			
Date:				(Signature of Investor)	·		
Date:				(Signature of Inventor)			

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

03/03

PATENT REEL: 031994 FRAME: 0646

RECORDED: 01/17/2014