PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Manabu SASAKAWA	09/27/2011
Yoshihito NAKAHARA	09/27/2011

RECEIVING PARTY DATA

Name:	Mitsubishi Rayon Co., Ltd.	
Street Address:	6-41, Konan 1-chome, Minato-ku	
City:	Tokyo	
State/Country:	JAPAN	
Postal Code:	108-8506	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13202865

CORRESPONDENCE DATA

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via US Mail.

Correspondent Name: Oblon, Spivak, et al.

Address Line 1: 1940 Duke Street

Address Line 4: Alexandria, VIRGINIA 22314

ATTORNEY DOCKET NUMBER: 385350US99PCT

NAME OF SUBMITTER: Adel Samuel

Total Attachments: 2

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PATENT

REEL: 027031 FRAME: 0007

OF \$40.00 1520286

Assignment of Application

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	WHEREAS, I (WE) Manabu SASAKAWA of	Toyohashi-	shi, Japan ; and		
INSERT NAMES		Yoshihito NAKAHARA o	f Toyohash	i-shi, Japan		
AND RESIDENCE ADDRESS OF THE INVENTORS:						

INSERT TITLE						, respectively,
OF INVENTION:		in new and useful improvements				
	METHOD, DISAS TREATMENT AF	SSEMBLY METHOD, AND MA PARATUS	INTENAN	CE METHOD	FOR SAME, AND	WATER-
INSERT DATE IN- VENTORS SIGNED DECLARATION:		ation for Letters Patent was execu	ited on			
	(Application No.	13/202,865	, filed	October	4, 2011), and
INSERT NAME AND ADDRESS OF COMPANY OR OTHER ASSIGNEE	WHEREAS,	Mitsubishi Rayon Co., Ltd.			 	
	(hereinafter referred	i to as "ASSIGNEE") having a pl	ace of busi	ness at: 6-41	, Konan 1-chome,	Minato-ku,
	Tokyo 108-8506 J	apan				
	is desirous of acqui	ring the entire right title and inte	rest in and	to said inventig	on and in and to an	V I etters Datent that

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

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.

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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:	September 27, 2011	Manaku Sasakana.
-		(Signature of Inventor) Manabu SASAKAWA
Date:	September 27, 2011	Yoshihito MAKAHARA
		(Signature of Inventor) Yoshihito NAKAHARA
Date:		
		(Signature of Inventor)
Date:		·
-		(Signature of Inventor)
Date:		
-		(Signature of Inventor)
Date:		
Date.		(Signature of Inventor)
Date:		(Signature of Inventor)
		(
Date:		
		(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
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PATENT REEL: 027031 FRAME: 0009

RECORDED: 10/07/2011