PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6452787

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
NOBUAKI TANAKA	06/24/2020
HIROSHI TSUCHIKURA	06/19/2020
SO KAKIYAMA	06/23/2020
KAZUHIRO TANAHASHI	06/19/2020

RECEIVING PARTY DATA

Name:	TORAY INDUSTRIES, INC.
Street Address:	1-1, NIHONBASHI-MUROMACHI 2-CHOME
Internal Address:	CHUO-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	103-8666

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16963906

CORRESPONDENCE DATA

Fax Number: (610)407-0701

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 610-407-0700

Email: shunter@ratnerprestia.com

Correspondent Name: JAYA SHARMA
Address Line 1: RATNERPRESTIA

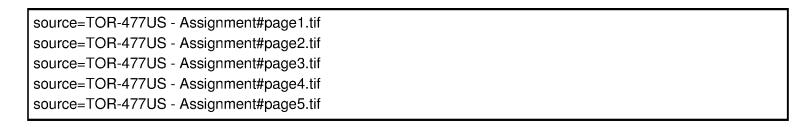
Address Line 2:2200 RENAISSANCE BLVD., SUITE 350Address Line 4:KING OF PRUSSIA, PENNSYLVANIA 19406

ATTORNEY DOCKET NUMBER:	TOR-477US	
NAME OF SUBMITTER:	JAYA SHARMA, REG. NO. 57,373	
SIGNATURE:	/Jaya Sharma/	
DATE SIGNED:	12/15/2020	

Total Attachments: 5

PATENT REEL: 054663 FRAME: 0817

506406031



PATENT REEL: 054663 FRAME: 0818

	***************************************	***************************************		
COMBINED	DECLARATION/ Patent Applicat	/ASSIGNMENT - ion	Docket	t Number: TOR-477US
Whereas, the Ass	gnor, comprising the	e following named inve	ntors:	
A 70 (04 (07 ())	1. Nobuaki Tanaki	a	2.	Hiroshi Tsuchikura
ASSIGNOR(s)/ INVENTOR(s)	3. So Kakiyama	***************************************	4.	Kazuhiro Tanahashi
	5.		6.	
made an inventior	entitled: PLAIN-W GRAFT	/EAVE FABRIC, METH	IOD FOR	MANUFACTURING SAME, AND STENT
for which an applic	ation for Letters Pat lowing):	tent of the United State	s (the Ap	plication):
is submitted concurrently herewith was filed in the U.S. Patent and Trademark Office on				
ASSIGNEE (Full Name and Address) Toray Industries, Inc. 1-1, Nihonbashi-Muromachi 2-chome Chuo-ku Tokyo 1038666 JAPAN				

desirous of acquiring the entire interest in and to said invention and the Letters Patent to be obtained therefor.

Now, therefore, in consideration of the payment by Assignee to Assignor of a sum corresponding to One Dollar (\$1.00), and for other good and valuable consideration, the receipt of which is hereby acknowledged, Assignor, intending to be legally bound, hereby sells, assigns and transfers to Assignee, its successors and assigns, the full and exclusive right, title and interest in and to said invention, all applications for Letters Patent for said invention, including the Application, all divisions, continuations, and continuations-in-part thereof and non-provisional applications claiming priority thereto, all rights to claim priority based thereon, and all Letters Patent, including reissues, to be obtained therefor, including any and all foreign patent rights in this invention corresponding thereto and authorizes Assignee to file such applications for Letters Patent in the United States and any and all other countries.

Assignor hereby warrants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

Assignor agrees it shall be legally bound, upon request of the Assignee or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the Assignor has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the Assignee, and to execute all instruments proper to carry out the intent of this instrument.

If the invention requires a biological deposit, Assignor also grants to Assignee such control over any deposit made by Assignor as may be necessary to the validity of the patent rights assigned herein.

Assignor authorizes Assignee's attorney to insert the serial number and filing date of the aforesaid application for United States Letters Patent and/or the Attorney Docket or file designation for this application if not identified above.

If the Assignor includes more than one individual, these obligations shall apply to these individuals both individually and collectively.

In witness whereof, this Assignment is executed on the day indicated below.

Page 1 of 2 Modified 7/26/13

Docket Number TOR-477US

Declaration:

Total Number of Assignment Pages

Note to Inventor: 37 C.F.R. § 1.63(c) states: "A person may not execute an oath or declaration for an application unless that person has reviewed and understands the contents of the application, including the claims, and is aware of the duty to disclose to the Office all information known to the person to be material to patentability as defined in § 1.56."

As a below named inventor, I declare that the Application was made or authorized to be made by me.

I believe I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

	,	Typed or Printed Name	Signature	Date
	1.	Nobuaki Tanaka		
		***************************************	* Witness	
	2.	Hiroshi Tsuchikura	·····	
			* Witness	
	3.	So Kakiyama	So Kakiyama	June 23, 2020
ş			* Witness	
G N	4.	Kazuhiro Tanahashi		
A T U	******	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	* Witness	
Ř	5.			
		***************************************	*Witness	
Application for L	Inited	d States Letters Patent: 16/963,9	,	
Filed:		07/22/2		,
Attorney Docket	Nun	nber: TOR-477	us ·	

Page 2of 2 Modified 2/6/03

* Witness signature recommended, mandatory for some countries

Docket Number TOR-477US

Declaration:

Note to Inventor, 37 C.F.R. § 1.63(c) states: "A person may not execute an oath or declaration for an application unless that person has reviewed and understands the contents of the application, including the claims, and is aware of the duty to disclose to the Office all information known to the person to be material to patentability as defined in § 1.56."

As a below named inventor, I declare that the Application was made or authorized to be made by me.

I believe I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

		Typed or Printed Name	Signature	Date
	1.	Nobuaki Tanaka	Hobyaki Tanaka	June 24. 2020
			* Witness	
	2.	Hiroshi Tsuchikura		
			* Witness	
	3.	So Kakiyama		
S			* Witness	
G	4.	Kazuhiro Tanahashi		
N A T			W 10%	
ບໍ່		***************************************	* Witness	***************************************
R	5.			

			*Witness	· · · · · · · · · · · · · · · · · · ·
Application for L	Jnite	d States Letters Patent:		
Serial No.:		16/963,5	906	
Filed:		<u>07/2</u> 2/2	2020	
Attorney Docket	Nun	nber: <u>TOR-477</u>	<u>us</u>	
Total Number of	Ass	ignment Pages 2	* Witness signature recommende	d, mandatory for some countries
***************************************			······································	

Page 2of 2 Modified 2/6/03

Docket Number TOR-477US

Declaration:

Filed:

Attorney Docket Number:

Total Number of Assignment Pages

Note to Inventor: 37 C.F.R. § 1.63(c) states: "A person may not execute an oath or declaration for an application unless that person has reviewed and understands the contents of the application, including the claims, and is aware of the duty to disclose to the Office all information known to the person to be material to patentability as defined in § 1.56."

As a below named inventor, I declare that the Application was made or authorized to be made by me.

I believe I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

	· · · · · · ·	Typed of Printed Name	Signature	Date
	1.	Nobuaki Tanaka		
			* Witness	
	2.	Hiroshi Tsuchikura	上房36至	19.3un-2020
			* Witness	
	3.	So Kakiyama		
S			* Witness	
G N	4.	Kazuhiro Tanahashi		
A T U		······································	* Witness	
R E	5.			
			*Witness	
Application for Serial No.:	Unite	d States Letters Patent: 16/963,90	6	
		***************************************		}

07/22/2020

TOR-477US

Page 2of 2 Modified 2/6/03

* Witness signature recommended, mandatory for some countries

Docket Number TOR-477US

Declaration:

Note to Inventor: 37 C.F.R. § 1.63(c) states: "A person may not execute an oath or declaration for an application unless that person has reviewed and understands the contents of the application, including the claims, and is aware of the duty to disclose to the Office all information known to the person to be material to patentability as defined in § 1.56."

As a below named inventor, I declare that the Application was made or authorized to be made by me.

I believe I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

	Typed or Printed Name	Signature	Date	
1,	Nobuaki Tanaka			
		* Witness		
2.	Hiroshi Tsuchikura			
		* Witness	***************************************	
3.	So Kakiyama			
		* Witness		
4.	Kazuhiro Tanahashi	Kozuhio Janaharli	6/19/2020	
*****	·2.2	* Witness		
5.				
		*Witness		

Application for United States Letters	Patent:	
Serial No.:	16/963,906	
Filed:	<u>07/22/</u> 2020	
Attorney Docket Number:	TOR-477US	
Total Number of Assignment Pages	2	* Witness signature recommended, mandatory for some countries

PATENT Page 2 of 2
REEL: 054663 FRAME 30823

RECORDED: 12/16/2020