504739047 01/22/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4785775

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TEIJIN LIMITED	01/12/2018

RECEIVING PARTY DATA

Name:	TEIJIN FRONTIER CO., LTD.
Street Address:	2-4, NAKANOSHIMA 3-CHOME, KITA-KU
City:	OSAKA-SHI, OSAKA
State/Country:	JAPAN

PROPERTY NUMBERS Total: 10

Property Type	Number
Patent Number:	6706843
Patent Number:	7078440
Application Number:	15541635
Patent Number:	6620504
Patent Number:	7000375
Patent Number:	6811872
Patent Number:	8741103
Patent Number:	9062399
Application Number:	15034714
Application Number:	15542126

CORRESPONDENCE DATA

Fax Number: (202)293-7860

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: 202-293-7060

Email: Inicholson@sughrue.com,sughrue@sughrue.com

Correspondent Name: SUGHRUE MION, PLLC

Address Line 1: 2100 PENNSYLVANIA AVENUE, N.W.

Address Line 2: SUITE 800

Address Line 4: WASHINGTON, D.C. 20037

ATTORNEY DOCKET NUMBER: ID036917

NAME OF SUBMITTER: LORENA NICHOLSON FOR BRUCE E. KRAMER

504739047 PATENT REEL: 044684 FRAME: 0662

SIGNATURE:	/Lorena Nicholson/	
DATE SIGNED:	01/22/2018	
Total Attachments: 2		
source=036917Assignment1#page1.tif		
source=036917Assignment1#page2.tif		

PATENT REEL: 044684 FRAME: 0663

Asjing 1

Decket No. ID036917

Assignment

Whereas, TEIJIN LIMITED of 2-4, Nakanoshima 3-chome, Kita-ku, Osaka-shi, Osaka, Japan, hereinafter called assignor, has acquired by assignment the entire right, title, and interest in the following U.S. patents and applications and the inventions disclosed therein:

- 1. U.S. Patent No. 6,706,843, issued March 16, 2004, entitled METHOD FOR SEPARATING AND RECOVERING DIMETHYL TEREPHTHALATE AND ETHYLENE GLYCOL FROM POLYESTER WASTE (Assignment recorded on April 19, 2002, at Reel 013027, Frame 0666).
- 2. U.S. Patent No. 7,078,440, issued July 18, 2006, entitled DIMETHYL TEREPHTHALATE COMPOSITION AND METHOD FOR PRODUCING THE SAME (Assignment recorded on May 27, 2003, at Reel 014720, Frame 0504).
- 3. U.S. Application No. 15/541,635, filed July 5, 2017, entitled POLYTRIMETHYLENE TEREPHTHALATE COMPOSITION, POLYESTER FIBER, AND METHODS FOR PRODUCING THE SAME (Assignment recorded on July 6, 2017, at Reel 042917, Frame 0233).
- 4. U.S. Patent No. 6,620,504, issued September 16, 2003, entitled THICK AND THIN POLYESTER MULTIFILAMENT YARN (Assignment recorded on May 8, 2002, at Reel 013094, Frame 0573).
- 5. U.S. Patent No. 7,000,375, issued February 21, 2006, entitled POLYESTER FALSE-TWIST YARN AND METHOD OF MANUFACTURING THE YARN(Assignment recorded on August 17, 2004, at Reel 016179, Frame 0861).
- 6. U.S. Patent No. 6,811,872, issued November 2, 2004, entitled FILAMENT MACHINE SEWING THREAD (Assignment recorded on August 15, 2003, at Reel 014751, Frame 0766).
- 7. U.S. Patent No. 8,741,103, issued June 3, 2014, entitled BIOMASS-DERIVED POLYESTER STAPLE FIBERS AND WET-LAID NONWOVEN FABRIC FORMED FROM THE SAME (Assignment recorded on April 24, 2013, at Recl 030278, Frame 0600).
- 8. U.S. Patent No. 9,062,399, issued June 23, 2015, entitled BIOMASS-DERIVED POLYESTER WET-LAID NONWOVEN FABRIC (Assignment recorded on April 24, 2014, at Reel 032749, Frame 0291).
- 9. U.S. Application No. 15/034,714, filed May 5, 2016, entitled MULTILAYER FILTER MEDIUM FOR FILTER, METHOD FOR PRODUCING THE SAME, AND AIR FILTER (Assignment recorded on May 6, 2016, at Reel 038484, Frame 0164).
- 10. U.S. Application No. 15/542,126, filed July 7, 2017, entitled FILTER CLOTH FOR BAG FILTER, METHOD FOR PRODUCING THE SAME, AND BAG FILTER (Assignment recorded on July 7, 2017, at Reel 042930, Frame 0671).

Whereas, TEIJIN FRONTIER CO., LTD. of 2-4, Nakanoshima 3-chome, Kita-ku, Osaka-shi, Osaka, Japan, hereinafter called assignee, desires to acquire the entire right, title, and interest in the above U.S. patents and applications and the inventions disclosed therein;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

The above named assignor hereby sells, assigns and transfers to the above named assignee, its successors and assigns, the entire right, title and interest in the above U.S. patents and applications and the inventions disclosed therein for the United States of America, including all continuing applications thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including the right to claim priority under 35 U.S.C. §119.

Date: January 12, 2018

Nama Osamu Ushi iins

General Manager of

Title: Intellectual Property Department

TEUIN LIMITED

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

PATENT REEL: 044684 FRAME: 0665

RECORDED: 01/22/2018