

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT4382708

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the INVENTORS' NAMES previously recorded on Reel 042082 Frame 0686. Assignor(s) hereby confirms the INVENTORS' NAMES WERE INCORRECTLY IDENTIFIED AS CHRISTIAN B#TTGER AND R#DIGER HARTERT.

CONVEYING PARTY DATA

Name	Execution Date
Christian BOTTGER	08/14/2015
Rudiger HARTERT	08/14/2015

RECEIVING PARTY DATA

Name:	Teijin Aramid Gmbh
Street Address:	Kasinostrasse 19-21
City:	Wuppertal
State/Country:	Germany
Postal Code:	42103

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14768365

CORRESPONDENCE DATA

Fax Number: (703)836-2787
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: 703-836-6400
Email: email@oliff.com
Correspondent Name: CHRISTOPHER W. BROWN
Address Line 1: OLIFF PLC
Address Line 2: P.O. BOX 320850
Address Line 4: ALEXANDRIA, VIRGINIA 22320-4850

ATTORNEY DOCKET NUMBER:	167340
NAME OF SUBMITTER:	KARLI M. COLLINS
SIGNATURE:	/Karli M. Collins/
DATE SIGNED:	04/25/2017

Total Attachments: 2

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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT4333752

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Christian B#TTGER	08/14/2015
R#diger HARTERT	08/14/2015
RECEIVING PARTY DATA	
Name:	Teijin Aramid Gmbh
Street Address:	Kasinostrasse 19-21
City:	Wuppertal
State/Country:	Germany
Postal Code:	42103
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14768365
CORRESPONDENCE DATA	
Fax Number:	(703)836-2787
<i>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.</i>	
Phone:	703-836-6400
Email:	email@oliff.com
Correspondent Name:	CHRISTOPHER W. BROWN
Address Line 1:	OLIFF PLC
Address Line 2:	P.O. BOX 320850
Address Line 4:	ALEXANDRIA, VIRGINIA 22320-4850
ATTORNEY DOCKET NUMBER:	167340
NAME OF SUBMITTER:	CEAIRIA PERRY-CHATMAN
SIGNATURE:	/Ceairia Perry-Chatman/
DATE SIGNED:	03/23/2017
Total Attachments: 1	
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ASSIGNMENT

(1) Christian BÖTTGER (2) Rüdiger HARTERT
 (1-8) Legal Name(s) of Inventor(s) (3) _____ (4) _____
 (5) _____ (6) _____
 (7) _____ (8) _____

In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the receipt and sufficiency of which are hereby acknowledged, each undersigned agrees to assign, and hereby does assign, transfer and set over to

(9) TEIJIN ARAMID GMBH
 (10) Kasinostrasse 19-21, 42103 Wuppertal, Germany


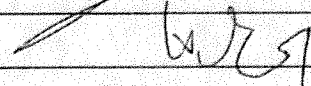
(hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal representatives, the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, international, substitute and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as

(11) TWO-PLY WOVEN STRUCTURE WITH HIGH-STRENGTH AND THERMOPLASTIC FIBRES
 (Attorney Docket No. 167340), filed on even date herewith or as

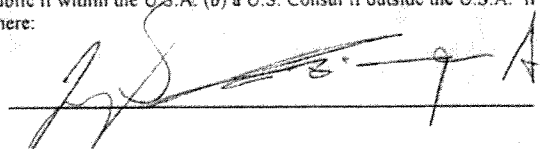
(12) Alternative Identification for filed applications (12) U.S. Application Number _____
 filed _____

- 1) Each undersigned agrees to execute all papers necessary in connection with any application and/or patent for the invention and also to execute separate assignments in connection with such applications and patents as the Assignee may deem necessary.
- 2) Each undersigned agrees to execute all papers necessary in connection with any interference or post-grant proceeding which may be declared concerning any application or patent for the invention and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or post-grant proceeding.
- 3) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
- 4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignee.
- 5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office to issue any and all patents resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and covenants that he or she has full right to convey the entire interest herein assigned, and that he or she has not executed, and will not execute, any agreement(s) in conflict herewith, and agrees that this assignment is binding on Assignor and Assignor's heirs, successors, assigns and legal representatives.
- 6) Each undersigned hereby grants the firm of OLIFF PLC the power to insert on this assignment any further identification that 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.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

1	Date	<u>14.8.15</u>	Inventor Signature		(SEAL)
2	Date	<u>14.8.15</u>	Inventor Signature		(SEAL)
	Date	_____	Inventor Signature	_____	(SEAL)
	Date	_____	Inventor Signature	_____	(SEAL)
	Date	_____	Inventor Signature	_____	(SEAL)
	Date	_____	Inventor Signature	_____	(SEAL)
	Date	_____	Inventor Signature	_____	(SEAL)
	Date	_____	Inventor Signature	_____	(SEAL)

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Date 14/08/15 Witness 

Date _____ Witness _____