

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5454430

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	Walter NIJHUIS	02/04/2019
	Frank DIEDERING	02/04/2019
	Jan-Cees TIECKEN	02/04/2019
RECEIVING PARTY DATA		
Name:	Teijin Aramid B.v.	
Street Address:	Velperweg 76	
City:	Arnhem	
State/Country:	Netherlands	
Postal Code:	6824 BM	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	16327088	
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>		
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ATTORNEY DOCKET NUMBER:	185160	
NAME OF SUBMITTER:	CYNTHIA KLINE	
SIGNATURE:	/Cynthia Kline/	
DATE SIGNED:	04/02/2019	
Total Attachments: 1		
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ASSIGNMENT

	Insert	(1)	Walter NIJHUIS	(2)	Jan-Cees TIECKEN
(1-8)	Legal Name(s)	(3)	Frank DIEDERING	(4)	
	of Inventor(s)	(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)	Insert Name of Assignee	(9)	TEIJN ARAMID B.V.
(10)	Insert Address of Assignee	(10)	Velperweg 76, 6824 BM, Arnhem, NETHERLANDS

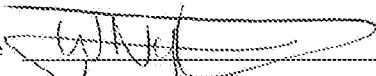

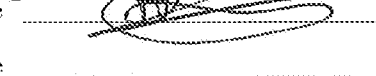
(hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal representatives, the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, 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)	Insert Identification such as Title, Case Number, or Foreign Application Number	(11)	FRICITION MATERIAL COMPRISING ARAMID
		(Attorney Docket No. 185160), filed on even date herewith or as	

(12)	Alternative Identification for filed applications	(12)	U.S. Application Number 16/327,088
		filed February 21, 2019	

- 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).

Date	4 FEB 2019	Inventor Signature		(SEAL)
Date	4 FEB. 2019	Inventor Signature		(SEAL)
Date	4 FEB 2019	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	4 feb 2019	Witness	M. Verhoeven
Date	4 feb 2019	Witness	R. Visser

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