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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
REINHARD LORENZ	03/13/2016
MONIKA BAUER	03/11/2016
SEBASTIAN STEFFEN	03/14/2016

RECEIVING PARTY DATA

Name:	Fraunhofer-Gesellschaft zur Foerderung der angewandten Forschung e.V.	
Street Address:	Hansastrasse 27c	
City:	Muenchen	
State/Country:	GERMANY	
Postal Code:	80686	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14409320

CORRESPONDENCE DATA

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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.

2159791853 Phone:

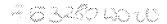
Email: rapaikoff@duanemorris.com RICHARD A. PAIKOFF **Correspondent Name:**

Address Line 1: DUANE MORRIS LLP; 30 SOUTH 17TH STREET Address Line 4: PHILADELPHIA, PENNSYLVANIA 19103-4196

ATTORNEY DOCKET NUMBER: F6245-00041 NAME OF SUBMITTER: RICHARD A. PAIKOFF SIGNATURE: /Richard A. Paikoff/ **DATE SIGNED:** 05/25/2016

Total Attachments: 3

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Docket No. F6245-00041

ASSIGNMENT

WHEREAS, the undersigned, **Reinhard Lorenz**, residing at Uhlandstrasse 34, 48565 Steinfurt, Germany; **Monika Bauer**, residing at Wendenstrasse 40, 15712 Konigs-Wusterhausen, Germany; and **Sebastian Steffen**, residing at Schlossstrasse 90, 12163 Berlin, Germany (hereinafter referred to as "ASSIGNORS") are the inventors of certain inventions or improvements for **HIGH-TOUGHNESS MATERIALS BASED ON UNSATURATED POLYESTERS**, for which ASSIGNORS have disclosed and claimed in International Patent Application Number PCT/EP2013/062776 (filed 19 June 2013), which claims the priority of German Patent Application No. 102012210483.6 (filed 21 June 2012) and German Patent Application No. 102012109803.4 (filed 15 October 2012), and for which a United States national phase patent application was filed on 18 December 2014 as U.S. Patent Application Number 14/409.320; and

WHEREAS, Fraunhofer-Gesellschaft zur Foerderung der angewandten Forschung e.V., a corporation of Germany, having a mailing address of Hansastrasse 27c, 80686 Muenchen, Germany (hereinafter referred to as "ASSIGNEE") is desirous of acquiring the entire right, title and interest in and to the said invention or improvements and in and to said application for patent, including the right to file the application internationally and all rights to claim priority, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and in any and all other countries;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby freely acknowledged and intending to be legally bound, said ASSIGNORS have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over to said ASSIGNEE the entire right, title and interest in and to said inventions or improvements and said application and any and all continuations, divisions, and renewals of and substitutes for said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and its possessions and territories and in all other countries, and any reissue or reissues or extension or extensions of said Letters Patent, the same to be held and enjoyed by said ASSIGNEE, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, sale and transfer not been made.

AND the undersigned ASSIGNORS do hereby covenant that they have full right to convey the entire interest herein assigned, and that they have not executed and will not execute any agreement in conflict herewith, and further covenant and agree that they will, each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said inventions or improvements, said application and said Letters Patent in said ASSIGNEE, its successors, assigns, nominees, or legal representatives, and agree to communicate to said ASSIGNEE or to its nominees all known facts respecting said inventions or

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improvements, said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisional, continuing, and reissue applications, to make all rightful oaths, and generally to do everything possible to aid said ASSIGNEE, its successors, assigns, nominees and legal representatives to obtain and enforce, for its own benefit, proper patent protection for said inventions or improvements in the United States and its possessions and territories and in all other countries;

AND ASSIGNORS do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue to said ASSIGNEE the entire right, title and interest, in and to any and all Letters Patent for said inventions or improvements, including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

IN WITNESS WHEREOF, ASSIGNORS hereunto set their hand and seal, intending to be legally bound.

Date:	Karch/13th/2010	Reinhard Lorenz
Date:		Monika Bauer
Date:		Sebastian Steffen

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improvements, said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisional, continuing, and reissue applications, to make all rightful oaths, and generally to do everything possible to aid said ASSIGNEE, its successors, assigns, nominees and legal representatives to obtain and enforce, for its own benefit, proper patent protection for said inventions or improvements in the United States and its possessions and territories and in all other countries;

AND ASSIGNORS do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue to said ASSIGNEE the entire right, title and interest, in and to any and all Letters Patent for said inventions or improvements, including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

IN WITNESS WHEREOF, ASSIGNORS hereunto set their hand and seal, intending to be legally bound.

Date:		Reinhard Lorenz
Date:	11/05/16	Alowa L Communication of the Monika Bauer
Date:	14/03/16	Sobaction Stoffen