

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5390184

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the 2 UMLATS LISTED IN THE ASSIGNEE'S NAME TO READ "UE"("FUR" SHOULD BE "FUER" AND "KUSTENFORSCHUNG" SHOULD BE "KUESTENFORSCHUNG"). previously recorded on Reel 048238 Frame 0157. Assignor(s) hereby confirms the ASSIGNMENT.
CONVEYING PARTY DATA	
Name	Execution Date
NAZIA NOOR	01/09/2019
VOLKER ABETZ	01/14/2019
JOACHIM KOLL	01/08/2019
RECEIVING PARTY DATA	
Name:	HELMHOLTZ-ZENTRUM GEESTHACHT ZENTRUM FUER MATERIAL-UND KUESTENFORSCHUNG GMBH
Street Address:	MAX-PLANCK-STRASSE 1
City:	GEESTHACHT
State/Country:	GERMANY
Postal Code:	21502
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16307627
CORRESPONDENCE DATA	
Fax Number:	(508)898-2020
<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:	5088981818
Email:	annmarie.mahan@iplawboutique.com
Correspondent Name:	NIELDS LEMACK & FRAME LLC
Address Line 1:	176 E. MAIN STREET
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Address Line 4:	WESTBOROUGH, MASSACHUSETTS 01581
ATTORNEY DOCKET NUMBER:	534P028
NAME OF SUBMITTER:	KEVIN S. LEMACK
SIGNATURE:	/Kevin S. Lemack/
DATE SIGNED:	02/25/2019

Total Attachments: 5

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UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

FEBRUARY 6, 2019

PTAS

NIELDS LEMACK & FRAME LLC
176 E. MAIN STREET
SUITE 5
WESTBOROUGH, MA 01581

505313193

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RECORDATION DATE: 02/05/2019

REEL/FRAME: 048238/0157
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: 534P028

ASSIGNOR:
NOOR, NAZIA

DOC DATE: 01/09/2019

ASSIGNOR:
ABETZ, VOLKER

DOC DATE: 01/14/2019

ASSIGNOR:
KOLL, JOACHIM

DOC DATE: 01/08/2019

ASSIGNEE:
HELMHOLTZ-ZENTRUM GEESTHACHT ZENTRUM
FUR MATERIAL- UND KUSTENFORSCHUNG
GMBH
MAX-PLANCK-STRASSE 1
GEESTHACHT, GERMANY 21502

APPLICATION NUMBER: 16307627

FILING DATE:

PATENT NUMBER:

ISSUE DATE:

TITLE: MACROPOROUS OR MESOPOROUS POLYMER FILMS IN HOLLOW FIBER GEOMETRY

ASSIGNMENT RECORDATION BRANCH
PUBLIC RECORDS DIVISION

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT5359974

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
NAZIA NOOR	01/09/2019
VOLKER ABETZ	01/14/2019
JOACHIM KOLL	01/08/2019
RECEIVING PARTY DATA	
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Street Address:	MAX-PLANCK-STRASSE 1
City:	GEESTHACHT
State/Country:	GERMANY
Postal Code:	21502
PROPERTY NUMBERS Total: 1	
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Phone:	5088981818
Email:	annmarie.mahan@iplawboutique.com
Correspondent Name:	NIELDS LEMACK & FRAME LLC
Address Line 1:	176 E. MAIN STREET
Address Line 2:	SUITE 5
Address Line 4:	WESTBOROUGH, MASSACHUSETTS 01581
ATTORNEY DOCKET NUMBER:	534P028
NAME OF SUBMITTER:	KEVIN S. LEMACK
SIGNATURE:	/Kevin S. Lemack/
DATE SIGNED:	02/05/2019
Total Attachments: 2	
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534P028

ASSIGNMENT

WHEREAS, We, **Nazia Noor**, residing at Bahnstraße 25, 21502 Geesthacht, Germany, **Volker Abetz**, residing at Georg-König-Straße 7, 21335 Lüneburg, Germany and **Joachim Koll**, residing at Mühlenbogen 55a, 21493, Schwarzenbek, Germany, have made an invention which invention is claimed and described in an application for Letters Patent of the United States of America entitled, "**Macroporous Or Mesoporous Polymer Films In Hollow Fiber Geometry**", filed in the U.S. Patent and Trademark Office on **December 6, 2018** under U.S. Patent Application Serial No. **16/307,627**; and

WHEREAS, **Helmholtz-Zentrum Geesthacht Zentrum für Material- und Küstenforschung GmbH**, having a place of business at Max-Planck-Straße 1, 21502 Geesthacht, Germany is desirous of acquiring the entire right, title and interest in and to the invention and in and to any Letters Patent that may be granted therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we the undersigned parties by these presents do sell, assign and transfer unto **Helmholtz-Zentrum Geesthacht Zentrum für Material- und Küstenforschung GmbH**, its successors and assigns the full, exclusive and worldwide right to said invention, and the entire right, title and interest in, to and under any Letters Patent which may be granted on said invention, or any parts thereof, or on any continuation, division, reissue or reexamination thereof in the United States of America, in the territorial possessions of the United States of America and in any country foreign to the United States of America, the same to be held and enjoyed by **Helmholtz-Zentrum Geesthacht Zentrum für Material- und Küstenforschung GmbH**, its successors and assigns as fully and entirely as the same would have been held by us, had this assignment not been made.

And we hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America and respective Patent Office officials in any country foreign to the United States of America to issue said Letters Patent to said **Helmholtz-Zentrum Geesthacht Zentrum für Material- und Küstenforschung GmbH** as the assignee of our entire right, title and interest in, to and under the same, and we hereby further authorize **Helmholtz-Zentrum Geesthacht Zentrum für Material- und Küstenforschung GmbH** to apply for Letters Patent in our names or in its own

name, as it in its sole discretion sees fit, utilizing any benefits which may exist under any International Agreement, in any country foreign to the United States of America.

And we, do hereby agree for ourselves and for our heirs, executors and administrators to execute any lawful document and to testify as to any material fact or thing which **Helmholtz-Zentrum Geesthacht Zentrum für Material- und Küstenforschung GmbH**, its successors and assigns may deem necessary in order to secure unto itself, its successors and assigns the full right, title and interest in and to and the full enjoyment of said invention or any part thereof and any Letters Patent, the same to be done without any further consideration.

IN WITNESS WHEREOF, we hereby set our hand and affix our seals.

Nazia Noor
Nazia Noor
Date: 09.07.2019
Witness: [Signature]

Volker Abetz
Volker Abetz
Date: 14.1.19
Witness: [Signature]

Joachim Koll
Joachim Koll
Date: 8.01.2019
Witness: [Signature]