

## PATENT ASSIGNMENT COVER SHEET

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|                       |                |
|-----------------------|----------------|
| SUBMISSION TYPE:      | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT     |

## CONVEYING PARTY DATA

| Name              | Execution Date |
|-------------------|----------------|
| MAIK GREBE        | 08/04/2020     |
| WOLFGANG DIEKMANN | 10/21/2020     |
| SIGRID HESSEL     | 07/24/2020     |
| MAXIMILIAN GRUHN  | 07/24/2020     |

## RECEIVING PARTY DATA

|                 |                            |
|-----------------|----------------------------|
| Name:           | EVONIK OPERATIONS GMBH     |
| Street Address: | RELLINGHAUSER STRASSE 1-11 |
| City:           | ESSEN                      |
| State/Country:  | GERMANY                    |
| Postal Code:    | 45128                      |

## PROPERTY NUMBERS Total: 1

| Property Type | Number       |
|---------------|--------------|
| PCT Number:   | EP2018085165 |

## CORRESPONDENCE DATA

## Fax Number:

*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.*

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|                         |               |
|-------------------------|---------------|
| ATTORNEY DOCKET NUMBER: | 002736USPCT   |
| NAME OF SUBMITTER:      | NANCY RILEY   |
| SIGNATURE:              | /Nancy Riley/ |
| DATE SIGNED:            | 11/21/2020    |

Total Attachments: 12

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PATENT

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ASSIGNMENT

WHEREAS I/We, the below named inventor(s) (hereinafter referred to as ASSIGNOR(S)) have made an invention entitled:

**DEVICE FOR PRODUCING THREE-DIMENSIONAL OBJECTS LAYER BY LAYER**

for which an International application was filed on December 17, 2018 and was assigned the Application No. PCT/EP2018/085165; and

WHEREAS, Evonik Operations GmbH, a corporation of Germany, whose post office address is Rellinghauser Strasse 1-11, 45128 Essen, Germany (hereinafter referred to as ASSIGNEE), is desirous of securing the entire right, title, and interest in and to the aforesaid invention and/or any improvements thereon in all countries throughout the world, and in and to the application(s) for Letters Patent on the aforesaid invention and/or any improvements thereon and the Letters Patent to be issued upon the aforesaid U.S. and/or International application(s);

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR(S), by these presents do hereby sell, assign and transfer to ASSIGNEE, the full and exclusive right, title and interest in and to the aforesaid invention and any improvements thereon, the aforesaid application(s) and all corresponding and/or counterpart foreign patent applications, all divisional, continuation, continuation-in-part, reissues, reexamination, extension, substitution, registration, renewal, extension, Supplementary Protection Certificates or the like, and any additional patent applications which claim priority to the aforesaid application(s), and all Letters Patent or comparable rights issuing thereon in the United States and in all foreign countries, and all applications for Letters Patent which may hereafter be filed for the aforesaid invention and/or any improvements thereon in the United States and/or in any foreign country and all Letters Patent which may be granted on the aforesaid invention and/or any improvements thereon in the United States and/or in any foreign country, together with the right(s) to claim priority to the aforesaid patent application(s) and/or any improvements thereon, and the ASSIGNOR(S) hereby authorize and request the United States Commissioner of Patents and Trademarks and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent or comparable rights issuing on any application as aforesaid to ASSIGNEE, or to its successors, assigns or legal representatives;

ASSIGNOR(S) hereby covenant that ASSIGNOR(S) have full right to convey the entire interest herein assigned, and that ASSIGNOR(S) have not executed, and will not execute, any agreement in conflict herewith;

ASSIGNOR(S) agree to communicate to ASSIGNEE or to its successors, assigns or legal representatives any and all facts known to them or any of them respecting said invention, and without further remuneration to testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and reexamination applications, make all rightful oaths and generally do all lawful acts to aid ASSIGNEE or its successors, assigns or legal representatives to obtain and enforce proper patent protection for said invention in all countries and to enhance or perfect ASSIGNEE's title in and to the invention and patent rights thereto.

ASSIGNOR(S) hereby authorize attorneys for ASSIGNEE to enter on this document any applicable serial numbers and filing dates after ASSIGNOR(S') execution of this document.

ASSIGNOR(S) hereby acknowledge an obligation to assign and do hereby assign all right, title and interest in and to the aforesaid invention and any improvements thereon to ASSIGNEE at the time the invention was made.

This Assignment may be executed in one (1) or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this  
04 day of July 2001

  
Maik GREBE

Baldurstr. 24  
44805 Bochum  
Germany

IN TESTIMONY WHEREOF, I herenunto set my hand and seal this  
day of 20

  
Wolfgang DIEKMANN

Gellertweg 10  
45731 Wuppertal  
Germany

IN TESTIMONY WHEREOF, I herenunto set my hand and seal this  
day of 20

  
Sigrid HESSEL

St.-Ingbert-Str. 2b  
45721 Haltern am See  
Germany

Attorney Docket No.: 602736USPCT

2016P00253WOUS

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this  
day of ..... 20.....

Maximilian GRUHN

Bachstraße 26  
45770 Marl  
Germany

(Sheet 3 of 3)

PATENT  
REEL: 054497 FRAME: 0416

ASSIGNMENT

WHEREAS I/We, the below named inventor(s) (hereinafter referred to as ASSIGNOR(S)) have made an invention entitled:

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ASSIGNOR(S) hereby covenant that ASSIGNOR(S) have full right to convey the entire interest herein assigned, and that ASSIGNOR(S) have not executed, and will not execute, any agreement in conflict herewith;

ASSIGNOR(S) agree to communicate to ASSIGNEE or to its successors, assigns or legal representatives any and all facts known to them or any of them respecting said invention, and without further remuneration to testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and reexamination applications, make all rightful oaths and generally do all lawful acts to aid ASSIGNEE or its successors, assigns or legal representatives to obtain and enforce proper patent protection for said invention in all countries and to enhance or perfect ASSIGNEE's title in and to the invention and patent rights therein.

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IN TESTIMONY WHEREOF, I hereunto set my hand and seal this  
day of 20.

-----  
Maik GREBE

Baldurstr. 24  
44805 Bochum  
Germany

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this  
21st day of October 2020.



Wolfgang DIEKMANN

Gellertweg 10  
45731 Waltrop  
Germany

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this  
day of 20.

-----  
Sigrid HESSEL

St.-Ingbert-Str. 2b  
45721 Haltern am See  
Germany

(Sheet 2 of 3)

Attorney Docket No. 002736USPCT

2016P00253WOUS

\*  
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this  
day of 20

Maximilian GRUHN

Bachstraße 26  
43770 Marl  
Germany

(Sheet 3 of 3)

**PATENT**  
**REEL: 054497 FRAME: 0419**

ASSIGNMENT

WHEREAS I/We, the below named inventor(s) (hereinafter referred to as ASSIGNOR(S)) have made an invention entitled:

**DEVICE FOR PRODUCING THREE-DIMENSIONAL OBJECTS LAYER BY LAYER**

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ASSIGNOR(S) hereby covenant that ASSIGNOR(S) have full right to convey the entire interest herein assigned, and that ASSIGNOR(S) have not executed, and will not execute, any agreement in conflict herewith;

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IN TESTIMONY WHEREOF, I hereunto set my hand and seal this  
\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_

Maik GREBE

Baldurstr. 24  
44805 Bochum  
Germany

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this  
\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_

Wolfgang DIEKMANN

Gellertweg 10  
45731 Waltrop  
Germany

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this  
\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_  


Sigrid HESSEL

St.-Ingbert-Str. 2b  
45721 Haltern am See  
Germany

Attorney Docket No.: 002736USPCT

2916P00253WOUS

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this  
day of 20.

.....  
Maximilian GRUHN

Bachstraße 26  
45770 Mül  
Germany

(Sheet 3 of 3)

PATENT  
REEL: 054497 FRAME: 0422

ASSIGNMENT

WHEREAS I/We, the below named inventor(s) (hereinafter referred to as ASSIGNOR(S)) have made an invention entitled:

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Attorney Docket No.: 002736USPCT

2016P00253WOUS

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IN TESTIMONY WHEREOF, I hereunto set my hand and seal this  
day of \_\_\_\_\_ 20\_\_\_\_\_

-----  
Maik GREBE

Baldurstr. 24  
44803 Bochum  
Germany

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this  
day of \_\_\_\_\_ 20\_\_\_\_\_

-----  
Wolfgang DIEKMANN

Gellertweg 10  
45731 Waltrop  
Germany

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this  
day of \_\_\_\_\_ 20\_\_\_\_\_

-----  
Sigrid HESSEL

St.-Ingbert-Str. 2b  
45721 Haltern am See  
Germany

(Sheet 2 of 3)

Attorney Docket No.: 002736USPCT

2016P00253WOUS

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this  
24<sup>th</sup> day of July, 2020.



Maximilian GRUHN

Bachstraße 26  
43770 Marl  
Germany

(Sheet 3 of 3)

PATENT

REEL: 054497 FRAME: 0425

RECORDED: 11/21/2020