506125075 06/25/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6171800

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

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------------|----------------|
| SHANE WIGHTON | 05/05/2020 |
| MAXIM LOBOVSKY | 05/05/2020 |
| ROBERT JOACHIM | 05/05/2020 |
| JACK MOLDAVE | 05/08/2020 |
| ADAM DAMIANO | 05/05/2020 |
| CHRISTIAN REED | 05/12/2020 |
| DMITRI MEGRETSKI | 05/05/2020 |
| BENJAMIN FRANTZDALE | 05/11/2020 |

RECEIVING PARTY DATA

| Name: | FORMLABS, INC. | |
|-----------------|--------------------------------|--|
| Street Address: | 35 MEDFORD STREET, SUITE NO. 1 | |
| City: | SOMERVILLE | |
| State/Country: | MASSACHUSETTS | |
| Postal Code: | 02143 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 16427734 |

CORRESPONDENCE DATA

Fax Number: (617)646-8646

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: 617.646.8000

Email: mchiusano@wolfgreenfield.com **Correspondent Name:** WOLF, GREENFIELD & SACKS, P.C.

Address Line 1: 600 ATLANTIC AVENUE

Address Line 4: BOSTON, MASSACHUSETTS 02210-2206

| ATTORNEY DOCKET NUMBER: | F0725.70047US02 |
|-------------------------|--------------------|
| NAME OF SUBMITTER: | MELANIE CHIUSANO |
| SIGNATURE: | /Melanie Chiusano/ |

PATENT 506125075 REEL: 053039 FRAME: 0371

| DATE SIGNED: | 06/25/2020 | |
|--|------------|--|
| Total Attachments: 12 | | |
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| source=F072570047US02-ASI-RHW#pa | age12.tif | |

PATENT REEL: 053039 FRAME: 0372

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned Assignor, hereby:

- Sell, assign and transfer to Formlabs, Inc., a Delaware Corporation having a place of 1. business at 35 Medford Street, Suite No. 1, Somerville, Massachusetts 02143, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the patent application for United States Letters Patent filed in the United States Patent and Trademark Office on May 31, 2019 under No. 16/427,734, bearing Attorney Docket No. F0725,70047US02, and entitled TECHNIQUES FOR PRODUCING A FLAT FILM SURFACE IN ADDITIVE FABRICATION AND RELATED SYSTEMS AND METHODS, and in and to the application and all corresponding provisional, non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country, including but not limited to China, Japan and Korea, on any of the inventions and designs; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on the inventions and designs, including the right to apply for patent rights in each foreign country and all rights to priority, including the right to claim priority for China, Japan and Korea; as well as the right to sue in its own name and recover damages for past infringement of any United States Letters Patent and foreign patent, including a reasonable royalty relating to provisional rights under 35 U.S.C. § 154(d) that have attached to any published United States patent application, on the inventions and designs;
- 2. Agree that the Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for the inventions and designs in its own name; and when requested, without charge to but at the expense of the Assignee, agree to carry out in good faith the intent and purpose of this Assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all the inventions and designs, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to the Assignee all facts known to me relating to the inventions and designs and the history thereof, and generally by doing everything reasonably possible which the Assignee shall consider desirable for aiding in securing and maintaining proper protection for the inventions and designs and for vesting title to the inventions and designs and all applications for patents and all patents on the inventions and designs, in the Assignee:
- 3. Request the Director of the United States Patent and Trademark Office and foreign patent authorities to issue the Letters Patent or other intellectual property rights, including foreign patents, to the Assignee;
- 4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing application identification information or correct any errors in the application identification information provided above, whether discovered prior to or after recordation;
- 5. Covenant with the Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me; and

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6. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

This instrument is executed under seal and signed under the pains and penalties of perjury under the laws of the United States of America.

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| 05 / 05 / 2020 | Show belighter |
|--|---|
| Date Inventor: | Shane Wighton |
| Address: | 1208 Fall Line Ct. |
| | Raleigh, North Carolina 27613 |
| Citizenship: | us |
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| | |
| STATE/COMMONWEALTH OF Massachuse | a i. b. 8° |
| COUNTY OF SURFFAIR : | |
| | |
| The state of the s | (), before me, the undersigned notary public, |
| personally appeared Shane Wighton | _, proved to me through satisfactory evidence of |
| identification, which were to be the person who signed the preceding or attached to | locument in pay necessary and average or affirmed |
| to me that the contents of the document are truthful and | |
| and belief and acknowledged to me that (he) (she) signe | |
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| SEAL Subject Subject | ··········· |
| Teology Fabrico | |
| My commission expires: 02 12 2021 | 110000111111111111111111111111111111111 |
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| BRITTANEY BATTAGLINO | |
| Notary Public Notary Public Commonwealth of Massachusetts | |
| My Commission Expires February 12, 2021 | |
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| 05 / 05 / 2020 | wh. |
|--|--|
| Date Inventor; | Maxim Lobovsky |
| Address: | 14 1/2 Fayette Street, Apt #1 |
| | Cambridge, Massachusetts 02139 |
| Citizenship: | US |
| | |
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| | |
| STATE/COMMONWEALTH OF Massachuse | 24-5 |
| COUNTY OF SUROIK: | |
| On this 5 day of Moy 20 personally appeared Maxim Lobovsky | 20 before me, the undersigned notary public, proved to me through satisfactory evidence of |
| identification, which were | |
| to be the person who signed the preceding or attached of | |
| to me that the contents of the document are truthful and | |
| and belief and acknowledged to me that (he) (she) signs | ed it voluntarily for its stated purpose. |
| SEAL Bully Public of | <u> </u> |
| My commission expires: 02 12 2021 | |
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| PARTITION OF THE PARTIT | |
| BRITTANEY BATTAGLINO | |
| My Commission Expires | |
| February 12, 2021 | |

| 05 / 05 / 2020 | in hasterd |
|---|---|
| Date Inventor: | Robert Joachim |
| Address: | 21 Russell Street, Apt. 1 |
| | Brookline, Massachusetts 02446 |
| Citizenship: | US |
| | |
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| | |
| STATE/COMMONWEALTH OF Massachus | 2 1 |
| COUNTY OF SUFFOIK : | |
| | |
| CONTRACTOR | 20, before me, the undersigned notary public, |
| personally appeared Robert Joachim identification, which were | _, proved to me through satisfactory evidence of |
| to be the person who signed the preceding or attached of | document in my presence and swore or affirmed |
| to me that the contents of the document are truthful and | • • |
| and belief and acknowledged to me that (he) (she) signe | ed it voluntarily for its stated purpose. |
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| SEAL RALE D | |
| Notary Public | |
| My commission expires: 02/10/2021 | |
| inj continission expires. | |
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| BRITTANEY BATTAGLINO | |
| Notary Public | |
| COMMONWEALTH OF MASSACHUSETTS My Commission Expires | |
| February 12, 2021 | |

| 05 / 08 / 2020 | film |
|--|---|
| Date Inventor: | Jack Moldave |
| Address: | 40 Conant Road |
| | Lincoln, Massachusetts 01773 |
| Citizenship: | US |
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| OTATE (OCAMACIANE) TU OF AA GENERAL | |
| STATE/COMMONWEALTH OF MUSSICKUSE COUNTY OF SWEENE : | 1113 |
| CODINITOR THEOLET. | |
| On this S day of May . 20 | ⊇() before me, the undersigned notary public, |
| personally appeared Jack Moldave | , proved to me through satisfactory evidence of |
| identification, which were | |
| to be the person who signed the preceding or attached of | locument in my presence and swore or affirmed |
| to me that the contents of the document are truthful and | |
| and belief and acknowledged to me that (he) (she) signe | d it voluntarily for its stated purpose. |
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| SEAL RIHRAGO | • |
| Notally Public O | ····· |
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| My commission expires: 02 12 202\ | |
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| BRITTANEY BATTAGLINO | |
| Notary Public COMMONWEALTH OF MASSACHUSETTS | |
| My Commission Expires February 12, 2021 | |
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| 05 / 05 / 2020 | Joden John |
|--|---|
| Date Inventor: | Adam Damiano |
| Address: | 73 Concord Ave |
| | Somerville, Massachusetts 02143 |
| Citizenship: | US |
| | |
| | |
| | |
| STATE/COMMONWEALTH OF Massachuse | 245 |
| COUNTY OF SLECOLK: | |
| On this 5 day of May . 20 | a⊖, before me, the undersigned notary public, |
| personally appeared Adam Damiano | , proved to me through satisfactory evidence of |
| identification, which were | er provide to the industribution of circumstation |
| to be the person who signed the preceding or attached or | locument in my presence and swore or affirmed |
| to me that the contents of the document are truthful and | · · |
| and belief and acknowledged to me that (he) (she) signs | |
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| SEAL B. H.B. to. P | |
| Nodary Public | <u>) </u> |
| My commission expires: 02/12/2021 | |
| my commission expires. <u>Daniel 20 act</u> | |
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| S BRITTANEY BATTAGLING | |
| Notary Public | |
| COMMONWEALTH OF MASSACHUSETTS My Commission Expires | |
| February 12, 2021 | |

| 05 / 12 / 2020 | WA-K |
|---|---|
| Date Inventor: | Christian Reed |
| Address: | 39 Admirals Way |
| | Chelsea, Massachusetts 02150 |
| Citizenship: | US |
| | |
| | |
| STATE/COMMONWEALTH OF MASSACHUSE COUNTY OF SUFFOIK: | 24-1 |
| - SALONA | |
| On this 12 day of May, 207 personally appeared Christian Reed | (a) before me, the undersigned notary public, (b) proved to me through satisfactory evidence of |
| identification, which were | |
| to be the person who signed the preceding or attached of | - • |
| to me that the contents of the document are truthful and | |
| and belief and acknowledged to me that (he) (she) signe | ed it voluntarily for its stated purpose. |
| SEAL BABTUR |) |
| Notary Public | |
| My commission expires: 02/12/2021 | |
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| | |
| BRITTANEY BATTAGLINO Notary Public | |
| COMMONWEALTH OF MASSACHUSETTS My Commission Expires | |
| February 12, 2021 | |

| #7 |
|---|
| Dmitri Megretski |
| 575B West Street |
| Carlisle, Massachusetts 01741 |
| US |
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| 2445 |
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| (a) before me, the undersigned notary public, proved to me through satisfactory evidence of |
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| document in my presence and swore or affirmed |
| accurate to the best of (his) (her) knowledge ed it voluntarily for its stated purpose. |
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| 05 / 11 / 2020 | ppyla |
|--|---|
| Date Inventor: | Benjamin FrantzDale |
| Address: | 128 Littleton Road |
| | Harvard, Massachusetts 01451 |
| Citizenship: | US |
| | |
| STATE/COMMONWEALTH OF Massachus | 245 |
| On this day of, | and before me, the undersigned notary public, proved to me through satisfactory evidence of |
| to be the person who signed the preceding or attached o | document in my presence and swore or affirmed |
| to me that the contents of the document are truthful and | |
| and belief and acknowledged to me that (he) (she) signe | ed it voluntarily for its stated purpose. |
| SEAL BULL NOVATY Public | |
| My commission expires: 02/12/2021 | uine ann an a-a- |
| | |

BRITTANEY BATTAGLINO

Notary Public
COMMONWEALTH OF MASSACHUSETTS
My Commission Expires
February 12, 2021

| DECLARATION (37 C.F.R. § 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. § 1.76) | | | | |
|---|---|--|--|--|
| Title of TECHNIQUES FOR PRODUCING A FLAT FI RELATED SYSTEMS AND METHODS | FILM SURFACE IN ADDITIVE FABRICATION AND | | | |
| As the below named inventor, I declare that: | | | | |
| This declaration is directed to: | | | | |
| The attached application, or | | | | |
| United States application or PCT international application number 16/427,734 filed on May 31, 2019 | | | | |
| The above-identified application was made or authorized to be ma | nade by me. | | | |
| I believe I am the original inventor or an original joint inventor of a | a claimed invention in the application. | | | |
| I have reviewed and understand the contents of the above-identifie | fied application, including the claims. | | | |
| I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. § 1.56. | | | | |
| All statements made herein of my own knowledge are true, and all statements made herein on information and belief are believed to be true. | | | | |
| I hereby acknowledge that any willful false statement and the like made in this declaration is punishable by fine or imprisonment of not more than five (5) years, or both, under 18 U.S.C. § 1001, and may jeopardize the validity of the application or any patent issuing thereon. | | | | |
| LEGAL NAME OF SOLE OR FIRST INVENTOR | 15000000000000000000000000000000000000 | | | |
| Inventor one: Shane Wighton | Date: 05 / 05 / 2020 | | | |
| Signature: how Wayton | | | | |
| LEGAL NAME OF ADDITIONAL JOINT INVENTOR, if any | | | | |
| ************************************** | У | | | |
| Inventor two: Maxim Lobovsky | y05 / 05 / 2020 | | | |
| 10000000000000000000000000000000000000 | 05 / 05 / 2020 | | | |
| Inventor two: Maxim Lobovsky | Date:05 / 05 / 2020 | | | |
| Inventor two: Maxim Lobovsky Signature: 232 | Date:05 / 05 / 2020 | | | |
| Inventor two: Maxim Lobovsky Signature: LEGAL NAME OF ADDITIONAL JOINT INVENTOR, if any | Date: 05 / 05 / 2020 y | | | |
| Inventor two: Maxim Lobovsky Signature: LEGAL NAME OF ADDITIONAL JOINT INVENTOR, if any Inventor three: Robert Joachim | Date: 05 / 05 / 2020 y Date: 05 / 05 / 2020 | | | |
| Inventor two: Maxim Lobovsky Signature: LEGAL NAME OF ADDITIONAL JOINT INVENTOR, if any Inventor three: Robert Joachim Signature: | Date: 05 / 05 / 2020 y Date: 05 / 05 / 2020 | | | |
| Inventor two: Maxim Lobovsky Signature: LEGAL NAME OF ADDITIONAL JOINT INVENTOR, if any Inventor three: Robert Joachim Signature: LEGAL NAME OF ADDITIONAL JOINT INVENTOR, if any | Date: 05 / 05 / 2020 y Date: 05 / 05 / 2020 | | | |

ATTORNEY DOCKET No. F0725.70047US02

PAGE 1 of 2

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| DECLARATION FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET | | inconstant | ADDITIONAL INVENTOR(S) Supplemental Sheet Page 1 of 1 | | |
|--|---|------------|---|--|--|
| LEGAL NAME | LEGAL NAME OF ADDITIONAL JOINT INVENTOR, IF any | | | | |
| Inventor five: | Adam Damiano | Date | :05 / 05 / 2020 | | |
| Signature: | JanJain | | | | |
| LEGAL NAME (| OF ADDITIONAL JOINT INVENTOR, if any | | | | |
| Inventor six: | Christian Reed | | 05 / 12 / 2020 | | |
| Signature: | MAN. | | | | |
| LEGAL NAME (| OF ADDITIONAL JOINT INVENTOR, If any | | | | |
| Inventor seven: | Dmitri Megretski | Date | 05 / 05 / 2020 | | |
| Signature: | <u> </u> | | | | |
| LEGAL NAME (| OF ADDITIONAL JOINT INVENTOR, If any | | | | |
| Inventor eight: | Benjamin FrantzDale | Date: | 05 / 11 / 2020 | | |
| Signature: | Toph | | | | |

ATTORNEY DOCKET No. F0725.70047US02

PAGE 2 OF 2

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