ETAS ID: TM558251

ASSIGNMENT OF THE ENTIRE INTEREST AND THE GOODWILL **NATURE OF CONVEYANCE:**

CONVEYING PARTY DATA

| Name | Formerly | Execution Date | Entity Type |
|--------------------------|----------|----------------|----------------------------|
| Essentium Materials, LLC | | 08/30/2019 | Limited Liability Company: |

RECEIVING PARTY DATA

| Name: | Essentium, Inc. |
|-----------------|---------------------------------------|
| Street Address: | 19025 N. HEATHERWILDE BLVD. SUITE 100 |
| City: | PFLUGERVILLE |
| State/Country: | TEXAS |
| Postal Code: | 78660 |
| Entity Type: | Corporation: DELAWARE |

PROPERTY NUMBERS Total: 4

| Property Type | Number | Word Mark |
|----------------|----------|--------------------------------|
| Serial Number: | 87375669 | ESSENTIUM BUILD YOUR WORLD |
| Serial Number: | 87375693 | ESSENTIUM FILAMENT |
| Serial Number: | 87375750 | ESSENTIUM |
| Serial Number: | 88188558 | ESSENTIUM HIGH SPEED EXTRUSION |

CORRESPONDENCE DATA

Fax Number:

7344183320

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:

7344183142

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Correspondent Name:

Vivacqua Law, PLLC

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Address Line 2:

STE 1

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NAME OF SUBMITTER: Steven L. Crane SIGNATURE: /STEVENLCRANE/

DATE SIGNED:

01/20/2020

Total Attachments: 6

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TRADEMARK REEL: 007013 FRAME: 0811 ASSIGNMENT 3/36/20

Essentium Materials, LLC, a limited liability corporation organized and existing under and by virtue of the laws of the State of Texas, having a place of business at 19025 N. Heatherwilde Blvd., Suite 100, Pflugerville Texas, 78660 (hereinafter "Assignor") and formerly having a place of business at 5880 Imperial Loop Drive, Suite 10, College Station, Texas 75220,

hereby assigns to

Essentium, Inc., a corporation organized and existing under and by virtue of the laws of the State of Delaware, having a place of business at 19025 N. Heatherwilde Blvd., Suite 100, Pflugerville Texas 78660 (hereinafter "Assignee"),

for good and valuable consideration, the receipt of which is hereby acknowledged, the entire right, title and interest of Assignor in and to:

- all of Assignor's patents and patent applications including but not limited to those set forth in Schedule A (hereinafter "Assigned Patents") attached hereto, the priority right, and the corresponding foreign patents and patent applications, divisional, continuations, continuations in part, reissues, and reexaminations, if any,
- all of Assignor's trademark applications, including but not limited to those described in Schedule
 B (hereinafter "Assigned Trademark Applications"), which Assignor owns and has a bona fide
 intent to use, together with the portion of the business and goodwill of the business symbolized
 by the Assigned Trademark Applications and the pending applications, and
- all of Assignor's trademarks, including but not limited to those described in Schedule C (hereinafter "Assigned Trademarks"), which Assignor has adopted, owns, and is using, together with the goodwill of the business symbolized by the Assigned Trademarks,

including all causes of action, enforcement rights, infringement claims (including the right to sue or pursue remedies for past, present, and future infringement) based upon, arising out of or relating to any of the Assigned Patents, Assigned Trademark Applications, and Assigned Trademarks,

Assignee hereby accepts and acquires the entire right, title and interest of the Assigned Patents, Assigned Trademark Applications and Assigned Trademarks as described herein.

Assignor further hereby extends to Assignee, as an affiliate of the Assignor, the license granted to Assignor set forth in the Patent & Technology License Agreement AGT. No. D-1038 between Assignor and Texas Tech University System, executed on May 24, 2016,

Assignee agrees to be bound by the Agreement to the same extent as the Assignor.

| Essentium Materials, LLC | Essentium, Inc. |
|-------------------------------|---------------------------|
| By: Degel | By: Jun Villia |
| Name: Blake Teipel, President | Name: Lars Uffhausen, COO |
| Date: August 30, 2019 | Date: August 30, 2019 |

TRADEMARK
REEL: 007013 FRAME: 0812

Schedule A - Patents and Patent Applications

| Filed: 3/21/2018 | 62646019 | HIGH SPEED EXTRUSION 3-D PRINTING SYSTEM |
|-------------------|----------|---|
| Filed: 7/26/2018 | 62703700 | HIGH SPEED EXTRUSION 3D PRINTER NOZZLE |
| | 62007224 | CELLULOSE NANOCRYSTAL POLYMER COMPOSITE |
| Filed: 12/01/2016 | 15315550 | CELLULOSE NANOCRYSTAL POLYMER |
| Issued: 4/2/2019 | 10246583 | COMPOSITE |
| | 62150023 | NATURAL FIBER COMPOSITE AND METHOD OF PRODUCTION |
| Filed: 10/20/2017 | 15568216 | NATURAL FIBER COMPOSITE AND METHOD OF PRODUCTION |
| | 62186417 | SYNTHETICALLY MODIFIED THERMOPLASTIC POLYMER COMPOSITES HAVING CELLULOSE NANOMATERIALS |
| Filed: 12/22/2017 | 15739369 | SYNTHETICALLY MODIFIED THERMOPLASTIC POLYMER COMPOSITES HAVING CELLULOSE NANOMATERIALS |
| | 62416890 | THREE DIMENSIONAL PRINTER APPARATUS |
| Filed: 6/7/2019 | 16467693 | THREE DIMENSIONAL PRINTER APPARATUS |
| | 62463368 | ATMOSPHERIC PLASMA CONDUCTION PATHWAY FOR THE APPLICATION OF ELECTROMAGENTIC ENERGY TO 3D PRINTED PARTS |
| | 62508464 | THREE DIMENSIONAL PRINTER APPARATUS |
| | 62515372 | HYBRID THERMOPLASTIC COMPOSITES WITH LONG AND SHORT FIBER MATERIALS AND NATURAL NANOPARTICLES |
| Filed: 11/27/2017 | 62591015 | TOOL ASSEMBLY FOR MANUFACTURING PARTS AND A METHOD OF PRODUCING A TOOLING ASSEMBLY |
| Filed: 2/8/2018 | 62627950 | MULTIPLE LAYER FILAMENT AND METHOD OF MANUFACTURING |
| Filed: 7/30/2018 | 62711763 | HIGH FREQUENCY ADHESIVE BONDING |

Schedule A - Patents and Patent Applications

| Filed: 11/30/2018 | 62773649 | PROCESS FOR HYDROPHOBIC MODIFICATION OF NANOCELLULOSE DURING MANUFACTURING |
|-------------------|----------------|--|
| Filed: 2/12/2019 | 16273812 | INFRARED HEATING OF ADDITIVE PRINTED PART |
| Filed: 2/12/2019 | 16273825 | FILAMENT BUFFER |
| Filed: 2/6/2019 | 16268873 | HIGH SPEED EXTRUSION 3D PRINTER NOZZLE |
| Filed: 2/1/2019 | 29679089 | THREE-DIMENSIONAL PRINTER |
| Filed: 3/20/2019 | 16359671 | THREE-DIMENSIONAL PRINTER HEAD INCLUDING AN AUTOMATIC TOUCHDOWN APPARATUS |
| Filed: 3/29/2019 | 16370135 | FILAMENT CONTAINER |
| Filed: 3/29/2019 | 29685715 | FILAMENT CART |
| Filed: 07/12/2019 | Provisional | VAPOR SEALING PROCESS |
| Filed: 12/22/2016 | EP15809364.1 | CELLULOSE NANOCRYSTAL POLYMER COMPOSITE |
| Filed: 11/17/2017 | EP16783763.2 | NATURAL FIBER COMPOSITE AND METHOD OF PRODUCTION |
| Filed: 12/28/2017 | CA2991063 | SYNTHETICALLY MODIFIED THERMOPLASTIC POLYMER COMPOSITES HAVING CELLULOSE NANOMATERIALS |
| Filed: 1/3/2018 | EP16818820.9 | SYNTHETICALLY MODIFIED THERMOPLASTIC POLYMER COMPOSITES HAVING CELLULOSE NANOMATERIALS |
| Filed: 12/28/2017 | JP2017-568410 | SYNTHETICALLY MODIFIED THERMOPLASTIC POLYMER COMPOSITES HAVING CELLULOSE NANOMATERIALS |
| Filed: 1/30/2018 | KR2018-7002996 | SYNTHETICALLY MODIFIED THERMOPLASTIC POLYMER COMPOSITES HAVING CELLULOSE NANOMATERIALS |
| Filed: 6/25/2019 | CN | THREE DIMENSIONAL PRINTER APPARATUS |
| Filed: 6/3/2019 | EP17891569.0 | THREE DIMENSIONAL PRINTER APPARATUS |
| Filed: 3/20/2019 | PCT/US19/23197 | HIGH SPEED EXTRUSION 3-D PRINTING SYSTEM |

Schedule A - Patents and Patent Applications

| Filed: 6/3/2015 | PCT/US15/34004 | CELLULOSE NANOCRYSTAL POLYMER |
|-------------------|--------------------|---|
| 11100.0/3/2013 | 7 (17 (0313) 34004 | COMPOSITE |
| Filed: 4/20/2016 | PCT/US16/28436 | NATURAL FIBER COMPOSITE AND METHOD OF PRODUCTION |
| Filed:6/30/2016 | PCT/US16/040487 | SYNTHETICALLY MODIFIED THERMOPLASTIC POLYMER COMPOSITES HAVING CELLULOSE NANOMATERIALS |
| Filed: 11/1/2017 | PCT/US17/59878 | THREE DIMENSIONAL PRINTER APPARATUS |
| Filed: 2/19/2018 | PCT/US18/18629 | ATMOSPHERIC PLASMA CONDUCTION PATHWAY FOR THE APPLICATION OF ELECTROMAGENTIC ENERGY TO 3D PRINTED PARTS |
| Filed: 5/18/2018 | PCT/US18/33409 | THREE DIMENSIONAL PRINTER APPARATUS |
| Filed: 6/5/2018 | PCT/US18/36038 | HYBRID THERMOPLASTIC COMPOSITES WITH LONG AND SHORT FIBER MATERIALS AND NATURAL NANOPARTICLES |
| Filed: 11/27/2018 | PCT/US18/62605 | TOOL ASSEMBLY FOR MANUFACTURING PARTS AND A METHOD OF PRODUCING A TOOLING ASSEMBLY |
| Filed: 2/8/2019 | PCT/US19/17235 | MULTIPLE LAYER FILAMENT AND METHOD OF MANUFACTURING |
| Filed: 10/23/2018 | PCT/US18/57084 | THREE DIMENSIONAL PRINT METHOD AND PART |

Schedule B – Trademark Applications

| Filed on 2/1/2017 | 87320681 | FlashFuse |
|---------------------|----------|--------------------------------|
| Filed on 2/1/2017 | 87320665 | FuseBox |
| Filed on 3/17/2017 | 87375750 | ESSENTIUM |
| Filed on 11/9/2018 | 88188701 | HSE |
| Filed on 11/9/2018 | 88188657 | HIGH SPEED EXTRUSION |
| Filed on 11/9/2018 | 88188558 | ESSENTIUM HIGH SPEED EXTRUSION |
| Filed on 11/13/2018 | 88188558 | HSE 180 S |
| Filed on 11/13/2018 | 88192332 | HSE 180 |
| Filed on 2/1/2019 | 88285473 | ArborX |
| Filed on 2/1/2019 | 88285497 | Hozzle |
| Filed on 2/1/2019 | 88285521 | Filament Care System |

1 of 1

Schedule C – Registered Trademarks

| Filed on 3/17/2017 Registered 8/22/2017 | 87375669 Reg. No.5271359 | ESSENTIUM BUILD YOUR WORLD |
|--|------------------------------|----------------------------|
| Filed on 3/17/2017 Registered 10/3/2017 | 87375693 Reg. No. 5301472 | ESSENTIUM FILAMENT |
| Filed on 3/17/2017 Registered 3/6/2018 | 87375717 Reg. No. 5415765 | MATERIALS GENIUS |
| Filed on 4/11/2018 Registered 4/2/2019 | 87872464 Reg. No. 5712487 | FlashFuse Filament |

1 of 1

APR 09 2020

IN THE UNITED STATES PATENT-AND-TRADEMARK OFFICE

Application Serial No.: 87375669

Trademark:

ESSENTIUM BUILD YOUR WORLD

Filing Date: March 17, 2017

Document ID Number: 900538922

Sulonda Stevenson

Assignment Recordation Branch

Public Records Division

P.O. Box 1450

Alexandria, Virginia 22313

Certificate of Mailing/Facsimile Transmission

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage via Priority Mail Express ®, mailing number **EF 33+11612445**, in an

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Alexandria, Virginia 22313

OR, that this correspondence is being facsimile transmitted to the

U.S. Patent and Trademark Office (Fax No. (571)273-0140)

on April 9, 2020.

Typed or printed name of

Beth A. Filip, Signature

Transmittal & Response to Notice of Non-Recordation of an Assignment Document

In response to the Notice of Non-Recordation of an Assignment Document mailed on March 10, 2020, provided herein is an assignment document being resubmitted for recordation. As seen in the document, the corporate designation of the Conveying Party has been amended to reflect that Essentium Materials, LLC is a Limited Liability Company.

Please find enclosed herewith the following:

- The Notice of Non-Recordation of an Assignment Document dated March 10, 2020 (1 page);
- The originally submitted coversheet dated January 20, 2020 (1 page);
- The original filing receipt illustrating that payment has been made dated January 20, 2020 (1 page);
- The corrected assignment document (6 pages);
- The first Notice of Non-Recordation of an Assignment Document dated February 7, 2020 (1 page);
- A corrected resubmitted coversheet dated March 6, 2020, illustrating the conveying party entity type is a Limited Liability Company (2 pages); and
- A return receipt postcard (1 page),
 Totaling 14 pages including this document.

Should any additional fees be required, please charge deposit account number: 602474.

By:

Dated: April 9, 2020

Ph: 734-418-3142

RECORDED: 04/09/2020

Representative for the Assignee:

Raymond J. Vivacqua, Michigan Bar Member P58731

TRADEMARK REEL: 007013 FRAME: 0818