

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

ETAS ID: TM559747

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT		
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT OF THE ENTIRE INTEREST AND THE GOODWILL		
<b>CONVEYING PARTY DATA</b>			
<b>Name</b>	<b>Formerly</b>	<b>Execution Date</b>	<b>Entity Type</b>
Essentium Materials, LLC		08/30/2019	Limited Liability Company: TEXAS
<b>RECEIVING PARTY DATA</b>			
<b>Name:</b>	Essentium, Inc.		
<b>Street Address:</b>	19025 N. Heatherwilde Blvd. Suite 100		
<b>City:</b>	Pflugerville		
<b>State/Country:</b>	TEXAS		
<b>Postal Code:</b>	78660		
<b>Entity Type:</b>	Corporation: DELAWARE		
<b>PROPERTY NUMBERS Total: 2</b>			
<b>Property Type</b>	<b>Number</b>	<b>Word Mark</b>	
<b>Serial Number:</b>	87320681	FLASHFUSE	
<b>Serial Number:</b>	87320665	FUSEBOX	
<b>CORRESPONDENCE DATA</b>			
<b>Fax Number:</b>	7344183320		
<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>			
<b>Phone:</b>	7344183142		
<b>Email:</b>	mail@vivacqua.com		
<b>Correspondent Name:</b>	Vivacqua Law, PLLC		
<b>Address Line 1:</b>	3101 E. Eisenhower Pkwy		
<b>Address Line 2:</b>	STE 1		
<b>Address Line 4:</b>	Ann Arbor, MICHIGAN 48108		
<b>NAME OF SUBMITTER:</b>	Steven L. Crane		
<b>SIGNATURE:</b>	/STEVENLCRANE/		
<b>DATE SIGNED:</b>	01/31/2020		
<b>Total Attachments: 6</b>			
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## ASSIGNMENT

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.

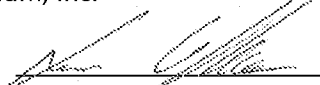
Essentium Materials, LLC

By:  \_\_\_\_\_

Name: Blake Teipel, President

Date: August 30, 2019

Essentium, Inc.

By:  \_\_\_\_\_

Name: Lars Uffhausen, COO

Date: August 30, 2019

### 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 Issued: 4/2/2019	15315550 10246583	CELLULOSE NANOCRYSTAL POLYMER 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 ELECTROMAGNETIC 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 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 ELECTROMAGNETIC 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

**Schedule C – Registered Trademarks**

Filed on 3/17/2017 Registered 8/22/2017	87375669 Reg. No.5271359	ESSENIUM BUILD YOUR WORLD
Filed on 3/17/2017 Registered 10/3/2017	87375693 Reg. No. 5301472	ESSENIUM 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