PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RANDALL F. LIND	11/18/2014
CRAIG A. BLUE	11/18/2014
LONNIE J. LOVE	11/18/2014
PETER D. LLOYD	11/18/2014

RECEIVING PARTY DATA

Name:	UT-Battelle, LLC
Street Address:	One Bethel Valley Road
Internal Address:	4500N, MS-6258
City:	Oak Ridge
State/Country:	TENNESSEE
Postal Code:	37831-6258

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14517571

CORRESPONDENCE DATA

Fax Number: (865)574-0381

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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Address Line 4: OAK RIDGE, TENNESSEE 37831-6258

ATTORNEY DOCKET NUMBER:	3257 UTB
NAME OF SUBMITTER:	KAREN E. VANCE
SIGNATURE:	/KE Vance/
DATE SIGNED:	12/16/2014

Total Attachments: 3

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PATENT REEL: 034515 FRAME: 0129 source=3257_UTB Assignment#page2.tif source=3257_UTB Assignment#page3.tif

PATENT REEL: 034515 FRAME: 0130 Form **PTO-1595** (Rev. 07/05) OMB No. 0651-0027 (exp. 6/30/2008)

RECORDATION FORM COVER SHEET PATENTS ONLY To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below. 1. Name of conveying party(ies) 2. Name and address of receiving party(ies) Randall F. Lind Name: UT-Battelle, LLC Craig A. Blue Internal Address: 4500N, MS-6258 Lonnie J. Love Peter D. Lloyd Additional name(s) of conveying party(ies) attached? 🔲 Yes 🗹 No 3. Nature of conveyance/Execution Date(s): Street Address: One Bethel Valley Road Execution Date(s) 11/18/2014 Merger ✓ Assignment City: Oak Ridge State: TN Government Interest Assignment Country: <u>USA</u> <u>Zip:37831</u>-6258 Executive Order 9424, Confirmatory License Other Additional name(s) & address(es) attached? L Yes V No 4. Application or patent number(s): This document is being filed together with a new application. A. Patent Application No.(s) B. Patent No.(s) 14/517,571 Additional numbers attached? Yes V No 5. Name and address to whom correspondence 6. Total number of applications and patents concerning document should be mailed: involved: 1 Name:Colin L. Cini **7. Total fee** (37 CFR 1.21(h) & 3.41) \$ 40.00 Internal Address: UT-Battelle, LLC Authorized to be charged by credit card Authorized to be charged to deposit account **Enclosed** Street Address: One Bethel Valley Road None required (government interest not affecting title) 4500N, MS-6258 8. Payment Information City: Oak Ridge a. Credit Card Last 4 Numbers _____ State: TN Zip:37831-6258 Expiration Date _____ Phone Number: (865) 574-4179 b. Deposit Account Number 13-1958 Fax Number: (865) 574-0381 Authorized User Name Karen E. Bowman Email Address: cinicl@ornl.gov 9. Signature: 12/16/2014 /Colin L. Cini/ Signature Date Total number of pages including cover Colin L. Cini, Reg. No. 51,563 sheet, attachments, and documents: Name of Person Signing

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

REEL: 034515 FRAME: 0131

ASSIGNMENT

WHEREAS, we the below-named inventors whose residences are as stated below, have an interest in an invention entitled:

Enhanced Additive Manufacturing with a Reciprocating Platen

(hereinafter referred to as "Subject Invention") for which are described in United States Patent Application No. 14/517,571 filed on October 17, 2014, and

WHEREAS, UT-BATTELLE, LLC, a limited liability company of the State of Tennessee, having an office at One Bethel Valley Road, P. O. Box 2008, Oak Ridge, Tennessee 37831-6258, hereinafter referred to as "ASSIGNEE," is desirous of acquiring our entire right, title and interest of the undersigned in the same;

NOW, THEREFORE, in accordance with the terms of our employment agreement with ASSIGNEE and for good and valuable consideration, the receipt of which is hereby acknowledged, we hereby assign and transfer to ASSIGNEE and its successors in interest our entire right, title and interest in the Subject Invention to all rights of priority thereto pursuant to the International Convention for the Protection of Industrial Property, and in any Letters Patent on the Subject Invention that may be granted in the United States of America and in any and all foreign countries, including any and all Letters Patent that are divisions, reissues, continuations, substitutions or extensions of any Letters Patent or patent applications therefor on the Subject Invention.

We hereby authorize and request the Commissioner of the United States Patent and Trademark Office and the officials of any and all foreign countries to issue any and all of said Letters Patent, when granted, to the ASSIGNEE.

Further, we hereby agree to communicate to said ASSIGNEE or its representatives any facts known to us respecting said Subject Invention, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, substitution, renewal and reissue applications, to execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, and to make all rightful oaths and generally do everything possible to aid said ASSIGNEE and its representatives to obtain and enforce proper protection for said Subject Invention in the United States of America and in any and all foreign countries.

We further agree that the terms, covenants and conditions of this assignment shall inure to the benefit of ASSIGNEE, its successors, assigns, and legal representatives, and shall be binding on us, our heirs, legal representatives, and assigns.

Name of Inventor:	Randall F. Lind
Signature:	M// J Date: NOV 18, 2014
Residence:	350 Rivers Edge Drive, Loudon, Tennessee 37774
*	
Name of Inventor:	Craig A. Blue
Signature:	
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Name of Inventor: Signature: Residence:	Lonnie J. Love Date:
Name of Inventor:	Peter D. Lloyd
Signature:	Mly (1 Date: Nov 18, 7014
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