PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT3277847

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BADRI NARAYANAN	03/19/2015
PAUL E DENNEY	03/20/2015
STEVEN R PETERS	03/11/2015
DIONYSUS DAMATO	03/12/2015
MICHAEL WHITEHEAD	03/20/2015

RECEIVING PARTY DATA

Name:	LINCOLN GLOBAL, INC.
Street Address:	17721 RAILROAD STREET
City:	CITY OF INDUSTRY
State/Country:	CALIFORNIA
Postal Code:	91748

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14665795

CORRESPONDENCE DATA

Fax Number: (202)654-6211

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: 202-654-6200

Email: wdcle@perkinscoie.com

Correspondent Name: LINCOLN ELECTRIC COMPANY/PERKINS COIE LL

Address Line 1: 700 THIRTEENTH STREET, NW

SUITE 600 Address Line 2:

Address Line 4: WASHINGTON, D.C. 20005-3960

Tatal Attackments C	
DATE SIGNED:	03/23/2015
SIGNATURE:	/Bhaskar Kakarla/
NAME OF SUBMITTER:	BHASKAR KAKARLA
ATTORNEY DOCKET NUMBER:	072056-8258.US00

Total Attachments: 6

PATENT REEL: 035233 FRAME: 0422



PATENT REEL: 035233 FRAME: 0423

ASSIGNMENT AND AGREEMENT

HEREAS, Badri Narayanan, residing at 452 Locklie Drive Highland Heights, OH 44143, a
dian Citizen, Paul E. Denney, residing at 28107 West Oakland Road, Bay Village, OH 44140,
US citizen; Steven R. Peters, residing at 15565 Windmill Point Road, Huntsburg, OH 44046, a
S citizen, Dionysus Damato, residing at 339 Winding Way, Incline Village, NV 89451, a US
tizen and Michael Whitehead, residing at 19923 Colleen Court, Strongsville, OH 44149, a US
tizen (hereinafter referred to singly and collectively as "ASSIGNORS") have invented one or
ore certain invention(s) described in U.S. Patent Application Serial No,
entitled ("METHOD AND SYSTEM FOR ADDITIVE
ANUFACTURING USING HIGH ENERGY SOURCE AND HOT-WIRE").

LINCOLN GLOBAL, INC., (the "ASSIGNEE) a Delaware corporation organized and existing under and by the virtue of laws having a place of business located at 17721 Railroad Street, City of Industry, CA 91748, desires to acquire the entire right, title and interest in and to the Invention(s) and the Application, and in and to any patents (collectively, "Patents") that may be granted for the Invention(s) in the United States or in any foreign countries.

NOW THEREFORE, in view of good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto ASSIGNEE, its successors and assigns, the full and exclusive right, title, and interest in and to (a) the above-identified invention or inventions and all improvements and modifications thereof, (b) the above-identified application and all other applications for Letters Patent of the United States and countries foreign thereto for the above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the International Convention and any other international agreement to which the United States adheres; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as ASSIGNEE of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representatives or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional,

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ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith. ASSIGNOR further represents that ASSIGNOR was obligated by virtue of his/her employment by ASSIGNEE to assign the rights, titles and interests conveyed herein to ASSIGNEE at the time the invention was made.

ASSIGNOR HEREBY GRANTS to the law firm of **PERKINS COIE LLP** the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

NAMES AND SIGNATURES OF INVENTORS		
Name: Badri K. Narayanan	Signature: Ac 13-17	Date: 3-19-15
Name: Paul E. Denney	Signature:	Date:
Name: Steven R. Peters	Signature:	Date:
Name: Dionysus Damato	Signature:	Date:
Name: Michael Whitehead	Signature:	Date:

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith. ASSIGNOR further represents that ASSIGNOR was obligated by virtue of his/her employment by ASSIGNEE to assign the rights, titles and interests conveyed herein to ASSIGNEE at the time the invention was made.

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NAMES AND SIGNATURES OF INVENTORS		
Name: Badri K. Narayanan	Signature:	Date:
Name: Paul E. Denney	Signature:	Date: 03/20/2015
Name: Steven R. Peters	Signature:	Date:
Name: Dionysus Damato	Signature:	Date:
Name: Michael Whitehead	Signature:	Date:

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Name: Dionysus Damato	Signature:	Date: 3/12/2015
Name: Michael Whitehead	Signature:	Date:

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Name: Steven R. Peters	Signature:	Date:
Name: Dionysus Damato	Signature:	Date:
Name: Michael Whitehead	Signature: Wh/WLTL	Date: 3/21/15