503846993 05/27/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOHN MCBRIEN	04/14/2014
LEA KENNARD CASTLE	04/14/2014
BRANDON W. SPANGLER	04/14/2014
JINQUAN XU	04/10/2014

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15167162

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ATTORNEY DOCKET NUMBER:	73756US02-U173-012495
NAME OF SUBMITTER:	AUSTEN ZUEGE
SIGNATURE:	/Austen Zuege/
DATE SIGNED:	05/27/2016

Total Attachments: 3

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PATENT REEL: 038738 FRAME: 0729

ASSIGNMENT (International Patent Application)

Attorney Docket No. PA0028270U-U173.112-477KL

WHEREAS, We, John McBrien, of 475 Hopewell Road, South Glastonbury, Connecticut 06073 USA; Lea Kennard Castle, of 35 Claire Road, Vernon, Connecticut 06066 USA; Brandon W. Spangler, of 25 Valerie Drive, Vernon, Connecticut 06066 USA; and JinQuan Xu, of 30 Frederick T Miller Way, East Greenwich, Rhode Island 02818 USA; have invented certain new and useful improvements as described in an international application entitled REGENERATING AN ADDITIVELY MANUFACTURED COMPONENT (for Letters Patent filed pursuant to the Patent Cooperation Treaty, the application filed with the United States Receiving Office under International Application No. PCT/US2014/034455 having an International Filing Date of April 17, 2014; and

WHEREAS, United Technologies Corporation, a corporation organized and existing under the laws of the State of Delaware, and having offices at One Financial Plaza, Hartford, Connecticut 06101, USA, ("Assignee") is desirous of acquiring the entire right, title and interest in and to the invention, the application, and any and all Letters Patent or similar legal protection, foreign or domestic, to be obtained therefor:

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, I transfer to Assignee, its successors and assigns, my entire right, title and interest in and to the invention, the above-identified application, corresponding domestic and foreign applications, all Letters Patent or similar legal protection issuing thereon, and all rights and benefits under any applicable treaty or convention; and I authorize the Commissioner of Patents and Trademarks of the United States or foreign equivalent thereof to issue the Letters Patent or similar legal protection to the Assignee.

I hereby authorize the Assignee, its successors and assigns, to insert in this instrument the application number when ascertained. I further authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all countries foreign to the United States.

I represent to the Assignee, its successors and assigns, that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I, my executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries.

Signed at East Hot Si	ð,	Connection+	, USA	
this 124 (City) day of	April	(State) , QO14	111	
(Day)	(Month)	(Year)		*******
			John McB)	rien
<u>D</u>	<u>ECLARATIO</u>	<u>N AND SIGNATUI</u>	RE OF WITNESS	
	whose ad	dress is <u>91 Elm St</u>	Apt 221C, Manhostor CT 06	oyo
(Printed or typed name)			r typed address)	
			John McBrien, Assignor in the ab	
ASSIGNMENT duly sign a	ind execute the	e same. Declared at 🧘	East Harthord, Considerate, U	JSA
8 a 5	A 1		(city and state)	
this 14 day of (Day)	<u> </u>		<u> </u>	
(Day)	(Month)		(Year) USA LATE	
			Signature of Wit	ness

ASSIGNMENT (International Patent Application)

Attorney Docket No. PA0028270U-U173.112-477KL

this (City) day of April (State) (City) (State) (Day) (Worth) (Year)
(Day) (Mohth) (Year)
Lea Kennard Castle
DECLARATION AND SIGNATURE OF WITNESS
1, Nich Collices whose address is & Classical 54, Ulalgos Cocks CT (Printed or typed name) (Printed or typed address)
(Printed or typed name) (Printed or typed address)
hereby declare that I was personally present and did see Lea Kennard Castle, Assignor in the above ASSIGNMENT duly sign and execute the same. Declared at <u>Fast Hartfield</u> , USA
(city and state)
this 4 day of April , 2014 (Year)
(Day) (World) (Tear)
Signature of Witness
Signed at EAST HARTESON, CORNECTICAT, USA
(State)
this mind day of moral . Coff
this 14 (City) day of April (State) (Oay) (Month) (Year) Funda W A
this 1/2 day of 1/4 (Month) (Year) Brandon W. Spangler
Brandon W. Spangler DECLARATION AND SIGNATURE OF WITNESS
Brandon W. Spangler DECLARATION AND SIGNATURE OF WITNESS
Brandon W. Spangler DECLARATION AND SIGNATURE OF WITNESS I, Scott W. Gayman whose address is 33 Elro & Manchester, CT 06040 (Printed or typed name) (Printed or typed address)
Brandon W. Spangler DECLARATION AND SIGNATURE OF WITNESS I, Scott W. Gayman whose address is 33 Elro & Manchester, CT 06040 (Printed or typed name) (Printed or typed address)
Brandon W. Spangler DECLARATION AND SIGNATURE OF WITNESS I, Scott W. Gayman whose address is 33 E/ro & Manchester, CT 06040 (Printed or typed name) (Printed or typed address) hereby declare that I was personally present and did see Brandon W. Spangler. Assignor in the above ASSIGNMENT duly sign and execute the same. Declared at Explanter duly sign and execute the same.
Brandon W. Spangler DECLARATION AND SIGNATURE OF WITNESS I, Scott W. Gayman whose address is 33 E/ro & Manchester, CT 06040 (Printed or typed name) (Printed or typed address) hereby declare that I was personally present and did see Brandon W. Spangler. Assignor in the above ASSIGNMENT duly sign and execute the same. Declared at Explanter duly sign and execute the same.
Brandon W. Spangler DECLARATION AND SIGNATURE OF WITNESS I, Scott W. Gayman whose address is 33 Elro & Manchester, CT 06040 (Printed or typed name) (Printed or typed address)
Brandon W. Spangler DECLARATION AND SIGNATURE OF WITNESS I, Scott W. Gayman whose address is 33 E/ro & Manchester, CT 06040 (Printed or typed name) (Printed or typed address) hereby declare that I was personally present and did see Brandon W. Spangler. Assignor in the above ASSIGNMENT duly sign and execute the same. Declared at Explanter duly sign and execute the same.

ASSIGNMENT (International Patent Application)

Attorney Docket No. PA0028270U-U173.112-477KL

Signed at Cast Handford CT USA
this 10 (State) 7 (State) 7 (Year)
JinQuan Xu
DECLARATION AND SIGNATURE OF WITNESS
I, Paul Muelle whose address is 19) Senator St. Spring Field, MA 4129 (Printed or typed name) (Printed or typed address)
hereby declare that I was personally present and did see JinQuan Xu. Assignor in the above ASSIGNMENT duly sign and execute the same. Declared at <u>E مراكم كامراج</u> USA
this 10^{Th} day of $April 2014$
(Day) (Month) (Year)
Pad Mull_
Signature of Witness