504468384 07/21/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4515086

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ASHWIN SREEKANT RAGHAVAN	06/29/2017
KENNETH A. FRISK	07/17/2017
MAX A. KAPLAN	06/29/2017
MARIO P. BOCHIECHIO	06/29/2017
MICHAEL A. CZYWCZYNSKI	07/20/2017

RECEIVING PARTY DATA

Name:	UNITED TECHNOLOGIES CORPORATION
Street Address:	10 FARM SPRINGS ROAD
City:	FARMINGTON
State/Country:	CONNECTICUT
Postal Code:	06032

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15633659

CORRESPONDENCE DATA

Fax Number: (203)865-0297

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: 203-777-6628

Email: docket@bachlap.com

BACHMAN & LAPOINTE, P.C. **Correspondent Name:**

Address Line 1: 900 CHAPEL STREET

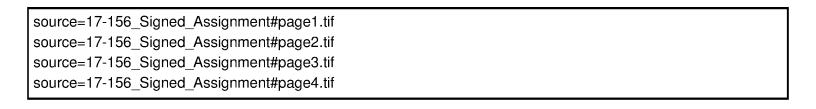
SUITE 1201 Address Line 2:

Address Line 4: NEW HAVEN, CONNECTICUT 06510

ATTORNEY DOCKET NUMBER:	97169US01-A(17-156)	
NAME OF SUBMITTER:	WILLIAM B. SLATE	
SIGNATURE:	/William B. Slate, #37238/	
DATE SIGNED:	07/21/2017	

Total Attachments: 4

PATENT REEL: 043065 FRAME: 0001 504468384



PATENT REEL: 043065 FRAME: 0002

ASSIGNMENT

We, Ashwin Sreekant Raghavan of 14 Bay Farm Lane, South Grafton, MA 01560, Kenneth A. Frisk of 120 Colonial Street, West Hartford, CT 06110, Max A. Kaplan of 6 Hilltop Drive, West Hartford, CT 06107, Mario P. Bochiechio of 9 Claire Road, Vernon, CT 06066, and Michael A. Czywczynski of 335 Mt. Vernon Road, Plantsville, CT 06479, have invented certain improvements in an "Solid-State Welding of Coarse Grain Powder Metallurgy Nickel-Based Superalloys", and described in U.S. Patent Application No. 15/633,659, filed June 26, 2017, and listing as inventors: Ashwin Sreekant Raghavan, Kenneth A. Frisk, Max A. Kaplan, Mario P. Bochiechio, and Michael A. Czywczynski (hereinafter the Application).

At the time of the invention of the improvements, said improvements were assigned to or under obligation of assignment to United Technologies Corporation, of 10 Farm Springs Road, Farmington, CT 06032, a corporation of the State of Delaware (hereinafter Assignee).

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged by the undersigned, the undersigned have sold, assigned, transferred and set over and by these presents do hereby sell, assign, transfer and set over unto Assignee, its successors and assigns, our entire right, title and interest in and to:

said invention or inventions as described in the Application(s), in all forms and embodiments thereof and in all countries and other jurisdictions;

the Application(s) and all applications filed in all countries and jurisdictions based thereon or otherwise for said invention or inventions, including direct or indirect nonprovisional of, divisional, continuation, continuation-in-part, or substitute applications, and including the right to file all said applications under the provisions of the Paris Convention for the Protection of Industrial Property, Patent Cooperation Treaty or other international convention or agreement;

all patents and reissues, reexaminations, or extensions thereof to be obtained in all countries and jurisdictions upon said invention or inventions or from all said applications; and

to all such rights relating to prior infringements, retroactive or past royalties, provisional rights, and other retroactive or past relief or compensation.

The undersigned hereby authorize and request the issuing authorities in all countries and jurisdictions to issue all patents on all said applications to Assignee or its successors and assigns.

1 of 2

The undersigned further agree, without any further payment or compensation by Assignee or its successors and assigns, to communicate to Assignee, its successors and assigns and to their representatives and agents, all facts relating to said invention or inventions including evidence for interference purposes or for other legal proceedings whenever requested; testify in all interference or other legal proceedings, whenever requested; execute and deliver, on request, all lawful papers required to make all of the foregoing provisions effective; and generally do everything possible to aid Assignee, its successors or assigns and nominees to obtain and enforce proper patent protection for said invention or inventions in all countries and jurisdictions.

IN TESTIMONY WHEREOF, the undersigned have-hereunto set their hand and seal on the date after their signature.

(L.S.) A	6/49/19
Ashwin Sreekant Raghavan	Date
(L.S.)	
Kenneth A. Frisk	Date
(L.S.) /w/./	6/29/2017
Max A. Kæplan	Date
(L.S. / J. Bakala	6/29/2017
Mario P. Bochiechio	Date '
(L.S.)	
Michael A. Czywczynski	Date

The undersigned further agree, without any further payment or compensation by Assignee or its successors and assigns, to communicate to Assignee, its successors and assigns and to their representatives and agents, all facts relating to said invention or inventions including evidence for interference purposes or for other legal proceedings whenever requested; testify in all interference or other legal proceedings, whenever requested; execute and deliver, on request, all lawful papers required to make all of the foregoing provisions effective; and generally do everything possible to aid Assignee, its successors or assigns and nominees to obtain and enforce proper patent protection for said invention or inventions in all countries and jurisdictions.

IN TESTIMONY WHEREOF, the undersigned have-hereunto set their hand and seal on the date after their signature.

(L.S.)	
Ashwin Sreekant Raghavan	Date
(LS) //	JULY 17th, 2017
Kennety A. Frisk	Date
(L.S.)	
Max A. Kaplan	Date
(L.S.)	
Mario P. Bochiechio	Date
(L.S.)	
Michael A. Czywczynski	Date

The undersigned further agree, without any further payment or compensation by Assignee or its successors and assigns, to communicate to Assignee, its successors and assigns and to their representatives and agents, all facts relating to said invention or inventions including evidence for interference purposes or for other legal proceedings whenever requested; testify in all interference or other legal proceedings, whenever requested; execute and deliver, on request, all lawful papers required to make all of the foregoing provisions effective; and generally do everything possible to aid Assignee, its successors or assigns and nominees to obtain and enforce proper patent protection for said invention or inventions in all countries and jurisdictions.

IN TESTIMONY WHEREOF, the undersigned have-hereunto set their hand and seal on the date after their signature.

(L.S.)	
Ashwin Sreekant Raghavan	Date
(L.S.)	
Kenneth A. Frisk	Date
(L.S.)	
Max A. Kaplan	Date
(L.S.)	
Mario P. Bochiechio	Date
(LS.) Milh Va. C. L	7/20/2017
Michael A. Czywczynski	Date