503047400 11/04/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3093999

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WILFRIED SMARSLY	09/10/2014
HELMUT CLEMENS	09/19/2014
EMANUEL SCHWAIGHOFER	11/03/2014

RECEIVING PARTY DATA

Name:	MTU AERO ENGINES AG	
Street Address:	DACHAUER STRASSE 665	
Internal Address:	INTELLECTUAL PROPERTY MANAGEMENT	
City:	MUNICH	
State/Country:	GERMANY	
Postal Code:	D-80995	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14481295

CORRESPONDENCE DATA

Fax Number: (512)308-6380

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.

Email: mail@abel-ip.com

Correspondent Name: ABEL LAW GROUP LLP

Address Line 1: 8911 N. CAPITAL OF TEXAS HWY

Address Line 2: BLDG 4, STE 4200 Address Line 4: AUSTIN, TEXAS 78759

ATTORNEY DOCKET NUMBER:	6570-P50171
NAME OF SUBMITTER:	HERIBERT F. MUENSTERER
SIGNATURE:	/Heribert F. Muensterer/
DATE SIGNED:	11/04/2014

Total Attachments: 3

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PATENT 503047400 REEL: 034100 FRAME: 0995

7808221/USI1

ASSIGNMENT AND DECLARATION UNDER 37 C.F.R. § 1.63

(For Use with Signed Application Data Sheet)

Title of Invention: CREEP-RESISTANT TIAI ALLOY

This assignment and declaration are directed to (check one):

the attached application;

the application identified by the attorney docket no. and title of invention given above;

United States Application No. 14/481,295, filed September 9, 2014.

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, as a below-named inventor I have sold and assigned, and by these presents hereby sell and assign, unto:

Name of Assignee: MTU Aero Engines AG

Address of Assignee: Intellectual Property Management, Dachauer Strasse 665, D-80995 Munich, Germany

(hereinafter ASSIGNEE) all my right, title, and interest for the United States, its territories, and possessions in and to the above-identified invention and United States patent application, including any and all divisions or continuations thereof, and in and to any and all Letters Patent of the United States that may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, or 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 me had this Assignment not been made.

I hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue any and all such Letters Patent to said ASSIGNEE, its successors, or assigns in accordance herewith.

I warrant and covenant that I have the full and unencumbered right to sell and assign the interests herein sold and assigned and that I have not executed and will not execute any document or instrument in conflict herewith.

I further covenant and agree that I will communicate to said ASSIGNEE, its successors, legal representatives, or assigns all information known to me relating to said invention or patent application and that I will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings, and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives, or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent that may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns, or to assist said ASSIGNEE, its successors, legal representatives, or assigns in obtaining, reissuing, or enforcing Letters Patent of the United States for said invention.

DECLARATION

As a below-named inventor, I hereby declare that:

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both.

Signature: **Inventor:**

Wilfried SMARSL

10/9/2014

PATENT

REEL: 034100 FRAME: 0996

U.S. Rights

ASSIGNMENT AND DECLARATION UNDER 37 C.F.R. § 1.63

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Signature: Inventor:

Helmut CLEMENS

Sept. 19 2014 DATE /

ASSIGNMENT AND DECLARATION UNDER 37 C.F.R. § 1.63

(For Use with Signed Application Data Sheet)

Title of Invention:	CREEP-RESISTANT	TiAl ALLOY
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Signature:
Inventor:

Emanue/SCHWAIG/10FPR

November 3, 2014

DATE