505843604 01/02/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5890540

SUBMISSION TYPE:		NEW ASSIGNMENT						
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT					
CONVEYING PARTY	DATA	· · ·						
		Name			Execution Date]		
SYED A. M. TOFAIL					09/19/2011	1		
JAMES BUTLER					09/19/2011			
RECEIVING PARTY I	ΟΑΤΑ							
Name:	UNIVE	RSITY OF LIMERICK]		
Street Address:	PLASS	ASSEY TECHNOLOGICAL PARK						
City:	LIMER	LIMERICK						
State/Country:	IRELA	IRELAND						
PROPERTY NUMBERS Total: 1 Property Type		Number						
		15978921						
using a fax number, Phone: Email: Correspondent Nam Address Line 1: Address Line 4:	l be sent ta if provide e:	(312)321-4299 o the e-mail address first; if that is u d; if that is unsuccessful, it will be s 312-321-4200 usassignments@brinksgilson.com,mr MINDY N. RITTNER P.O. BOX 10395 CHICAGO, ILLINOIS 60610	sent	via US	Mail.	orinksgilsor		
ATTORNEY DOCKET		8627-4563	8627-4563					
NAME OF SUBMITTE	R:	MINDY N. RITTNER						
SIGNATURE:		/Mindy N. Rittner/						
DATE SIGNED:		01/02/2020						
Total Attachments: 2 source=Assignment#pa source=Assignment#pa	-							

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	CERTIFICATE OF EFS FILING UNDER 37 CFR \$1.8					
	I hereby certify that this correspondence is being electronically transmitted to the United States Patent and Trademark Office, Commissioner for Patents, via the EFS pursuant to 37 CFR §1.8 on the below date:					
	Date: February 14, 2013 Name: Mindy N. Rittner Signature: //Mindy N. Rittner/ Reg. No. 57,803					

ASSIGNMENT AND AGREEMENT

For value received, We, Syed A. M. Tofail residing at 26 Castletroy View, Childers Road, Limerick, Ireland, and James Butler, residing at Gortavoher, Aherlow, Co. Tipperary, Ireland., hereby sell, assign, and transfer to the University of Limerick, a body established by the Universities Act 1997 of Plassey Technological Park, Limerick, Ireland, and its successors, assigns, and legal representatives, hereinafter collectively "UL", the entire right, title and interest, for the United States of America, in and to certain inventions related to "METHOD OF FORMING A SINTERED NICKEL-TITANIUM-RARE EARTH (NI-TI-RE) ALLOY" described in Great Britain Application Serial No. 118208.6. filed on 21 October 2011 and any and all applications claiming the benefit thereof including the right of priority, and described in U.S. Application Serial No. 13/656.151 filed on ________, and all the rights and privileges in said application and under any and all Letters Patent or any continuation, division, renewal, or substitute thereof, and any reissue or re-examination thereof that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to UL, the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions. WE sell, assign, and transfer this right, title and interest as of the day of signature or of filing of the British patent Application mentioned above, whichever is the earlier.

We authorize UL to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of UL to apply for patent or other form of protection for said inventions and to claim the aforesald benefit of the right of priority.

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We request that any and all patents for said inventions be issued to UL in the United States and in all countries foreign to the United States, or to such nominees as UL may designate.

We agree that, when requested, we shall, without charge to UL but at their expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

Date: 19/09 (2011

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Sved A. M. Tofail, Inventor

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Date: 19/09/2011

tte. Butler, Inventor

Witness

Signed for and on behalf of University of Limerick this 23 day of September, 2011

Mary for p.p

Dr. Mary Shire Vice President of Research

Witness

- Page 2 of 2 -

RECORDED: 01/02/2020