504517163 08/24/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4563868

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	THIS FILING CORRECTS THE ASSIGNMENT COVER SHEET RECORDED AT REEL 036692, FRAMES 0130-0131 HAVING AN OBVIOUS TYPOGRAPHICAL ERROR IN THE ASSIGNEE NAME BY INCLUDING A PORTION OF THE ASSIGNEE'S ADDRESS IN THE NAME OF THE ASSIGNEE

CONVEYING PARTY DATA

Name	Execution Date
ERIK MEJDAL LAURIDSEN	07/15/2013
STEFAN OTHMAR POULSEN	07/04/2013
CHRISTIAN HOLZNER	07/13/2015
MICHAEL FESER	07/13/2015

RECEIVING PARTY DATA

Name:	DANMARKS TEKNISKE UNIVERSITET
Street Address:	ANKER ENGELUNDSVEJ 1, BYGNING 101
City:	LYNGBY
State/Country:	DENMARK
Postal Code:	2800

PROPERTY NUMBERS Total: 1

Property Type	Number	
Patent Number:	9222900	

CORRESPONDENCE DATA

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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.

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ATTORNEY DOCKET NUMBER:	AWA.MISC
NAME OF SUBMITTER:	JAMES J. MEREK
SIGNATURE:	/James J. Merek/
DATE SIGNED:	08/24/2017

PATENT 504517163 REEL: 043658 FRAME: 0920

Total Attachments: 8

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PATENT REEL: 043658 FRAME: 0921

09/28/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3544318

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
	Corrective Assignment to correct the TO CORRECT THE LAST NAMES OF THE FIRST TWO INVENTORS previously recorded on Reel 036335 Frame 0781. Assignor(s) hereby confirms the ASSIGNMENT.

CONVEYING PARTY DATA

Name	Execution Date
ERIK MEJDAL LAURIDSEN	07/15/2013
STEFAN OTHMAR POULSEN	07/04/2013
CHRISTIAN HOLZNER	07/13/2015
MICHAEL FESER	07/13/2015

RECEIVING PARTY DATA

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Street Address:	1, BYGNING 101
City:	LYNGBY
State/Country:	DENMARK
Postal Code:	2800

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13785755

CORRESPONDENCE DATA

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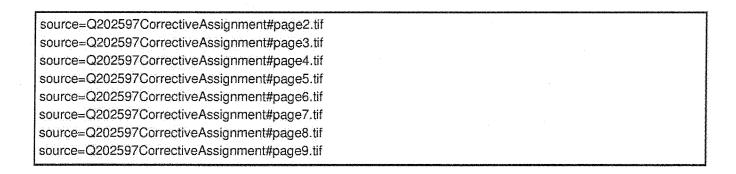
DATE SIGNED:	09/28/2015	
SIGNATURE:	/Paula H Volk/	
NAME OF SUBMITTER: PAULA H VOLK, ASST. TO ANTHONY J. ARPIN		
ATTORNEY DOCKET NUMBER:	Q202597	

Total Attachments: 9

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PATENT REEL: 036692**PAAMN**:T0130

REEL: 043658 FRAME: 0922



PATENT REEL: 036692FA AFMET 0131

REEL: 043658 FRAME: 0923

Docket No.: Q02597 Only After Sept 16,2012

ASSIGNMENT WITH DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

Whereas, We, the undersigned inventors hereinafter called assignors, have invented certain improvements described in the application identified below; and

Whereas, DANMARKS TEKNISKE UNIVERSITET OF Anker Engelundsvoj 1, Bygning 101, Lyngby, 2800 Denmark (assignce), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

We, the above named assignors, hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, and all countries foreign thereto, including rights of priority under the International Convention of Paris (1883) as amended, including the right to claim priority under 35 USC 119, and we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and we hereby agree that the assignee may apply for foreign Letters Patent on the invention and we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee.

(Legalization not required for recording but is prima facie evidence of execution under 35 USC 261)

As the below named inventor, I hereby declare that:

This assignment with declaration is

D The attached application, or

directed to:

United States Application or PCT International Application Number 131785,755
 filed on March 5, 2013.

The application is entitled:

AN X-RAY DIFFRACTION METHOD OF MAPPING GRAIN STRUCTURES IN A CRYSTALLINE MATERIAL SAMPLE, AND AN X-RAY DIFFRACTION APPARATUS

The above identified application was made or was 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 have reviewed and understand the contents of the application for which this assignment with declaration is being submitted.

I am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR 1.56.

Thereby acknowledge that any willful false statement made in this assignment with declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

Authorization To Permit Access To Application by Participating Office

O if checked, the undersigned hereby grants the USPTO authority to provide the European Patent Office (EPO), the Japan Patent Office (IPO), the Korean Intellectual Property Office (KIPO), the World Intellectual Property Office (WIPO), and any other intellectual property offices in which a foreign application claiming priority to the above-identified application is filed access to the above-identified patent application. See 37 CFR 1.14(c) and (h). This box should not be checked if the applicant does not wish the EPO, IPO, KIPO, or other intellectual property office in which a foreign application claiming priority to the above identified application is filed to have access to the application.

In accordance with 37 CFR 1.14(h)(3), access will be provided to a copy of the application-as-filed with respect to: 1) the above-identified patent application-as-filed, 2) any foreign application to which the above-identified application claims priority under 35 USC 119(a)-(d) if a copy of the foreign application that satisfies the certified copy requirement of 37 CFR 1.55 has been filed in the above-identified patent application, and 3) any U.S. application-as-filed from which benefit is sought in the above-identified patent application.

In accordance with 37 CFR 1.14(c), access may be provided to information concerning the date of filing the Authorization to Pelmit Access to Application by Participating Office.

NAME OF SOLE OR FIRST D	IVSNIOR-	
Given Name		
(first and middle (if engl)	Brik Mejdai	Fansily News or Sumanno LAURIDSEN
Inventor's signature 😕	4 dudan	1 Date 15 July 2013
Residenter Harley, Lemmark		
Mailing Address - Hjerstlvj 12,	46% Hasice, Deemark	
NAME OF SECOND INVENTO	<u> </u>	
Given Name (first and middle [if any])	Stefan Chinner	Family Name or Sumanne POULSEN
Inventor's signature <i>SY</i>	er Palkama	10me4 July 2013
Residence: Copenhagen N. D.	oiraix	*
Mailing Address: Eyegade 16,	lst tv., 2200 Copeliugen N. Denn	

Q202597 Docket No.: Only After Sept 16, 2012 US Rights Only

ASSIGNMENT WITH DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

Whereas, We, the undersigned inventors hereinafter called assignors, have invented certain improvements described in the application identified below; and

Whereas, Danmarks Tekniske Universiter of Anker Engelundsvei 1 Bygning 101, Denmark, DK-2800 LYNGBY, Denmark, (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor,

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

We, the above named assignors, hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including the right to claim priority under 35 USC 119 and the right to sue for past damages, and we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

The substitute for the form and the formular and is the first stated of the first of the formular and the first state is the first state of the fi	(Legalization not required for recording but	is prima facie evidence of	execution under 35 USC 261
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As the below named inventor, I hereb	y deck	are that:
This assignment with declaration is directed to:		The attached application, or United States Application or PCT International Application Number 13/785,755 filed on March 5, 2013.
The application is actitled:		Show in the State of the State

AN X-RAY DIFFRACTION METHOD OF MAPPING GRAIN STRUCTURES IN A CRYSTALLINE MATERIAL SAMPLE, AND AN X-RAY DIFFRACTION APPARATUS

The above identified application was made or was 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 have reviewed and understand the contents of the application for which this assignment with declaration is being submitted.

I am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR 1.56.

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

[Page 1]

PATENT REEL: 036692**P-A AFM**: T0135

REEL: 043658 FRAME: 0926

NAME OF SOLE OR FIRST INVENTOR:					
Given Name					
(first and middle (if any])	Erik Mejdal	Family Name or Surna	ime LAURIDSEN		
Inventor's signature			Date		
Residence: Harley, Denmark	·	***************************************			
Mailing Address: Hiortovej 12, 4652	Harley, Denmark				
NAME OF SECOND INVENTOR:					
Given Name (first and middle [if any])	Stefan Othmar	Family Name or Surna	me POULSEN		
Inventor's signature	nikonomia eskalari eta arratana arratan kan kan kan kan kan kan kan kan kan k		Date		
Residence: Copenhagen N, Denmark		-			
Mailing Address: Egegade 16, 1st tv., 2200, Copehagen N, Denmark					
NAME OF THIRD INVENTOR:			220022000000000000000000000000000000000		
Given Name (first and middle [if any])	Christian	Family Name or Surna	me HOLZNER		
Inventor's signature			Date		
Residence: Wettringen, Germany					
Mailing Address: Burgweg 24, Wettringen 91631, Germany					
NAME OF FOURTH INVENTOR:					
Given Name (first and middle [if any]) Michael Family Name or Surname FESER					
Inventor's signature Ucila	eller		Date 13 - 07-2015		
Residence: Orinda, California, U.S.A					
Mailing Address: 45 Tarry Lane, Orinda	a, California 94563, U.S.A.				

Docket No.: Q202597 Only After Sept 16, 2012 US Rights Only

ASSIGNMENT WITH DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

Whereas, We, the undersigned inventors hereinafter called assignors, have invented certain improvements described in the application identified below; and

Whereas, <u>Danmarks Tekniske Universitet of Anker Engelundsvei 1 Bygning 101</u>, <u>Denmark, DK-2800 LYNGBY</u>, <u>Denmark</u>, (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

We, the above named assignors, hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all resistes thereof, including the right to claim priority under 35 USC 119 and the right to sue for past damages, and we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

	required for recor		

As the below named inventor, I hereby declare that:

This assignment with declaration is directed to:

United States Application or PCT International Application Number 13/785,755 filed on March 5, 2013.

AN X-RAY DIFFRACTION METHOD OF MAPPING GRAIN STRUCTURES IN A CRYSTALLINE MATERIAL SAMPLE, AND AN X-RAY DIFFRACTION APPARATUS

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

The application is entitled:

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

I have reviewed and understand the contents of the application for which this assignment with declaration is being submitted.

I am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR 1.56.

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

[Page 1]

PATENT REEL: 036692FARAMET 0137 REEL: 043658 FRAME: 0928

NAME OF SOLE OR FIRST INVEN	ror:				
Given Name					
(first and middle [if any])	Erik Mejdal	Family Name or Suma	me LAURIDSEN		
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Residence: Harley, Denmark					
Mailing Address: Hjortovoj 12, 4652	Harley, Denmark				
NAME OF SECOND INVENTOR:					
Given Name (first and middle [if any])	Stefan Othmar	Family Name or Surnar	me POULSEN		
Inventor's signature			Date		
Residence: Copenhagen N, Denmark					
Mailing Address: Egegade 16, 1st tv	2200, Copehagen N, Denmark				
NAME OF THIRD INVENTOR:					
Given Name (first and middle [if any])	Christian	Family Name or Surnar	ne HOLZNER		
Inventor's signature	Holgue		Date 07 /13 /2015		
Residence: Wettringen, Germany					
Mailing Address: Burgweg 24, Wettringen 91631, Germany					
NAME OF FOURTH INVENTOR:					
Given Name (first and middle [if any])	viichael	Family Name or Surname	FESER		
Inventor's signature	ANNUAL MILLION CONTRACTOR OF SAME AND ASSESSMENT OF SAME ASSESSMENT OF		Date		
Residence: Orinda, California, U.S.A					
Mailing Address: 45 Tarry Lane, Orinda	, California 94563, U.S.A.		an and an		

RECORDED: 09/28/2015 RECORDED: 08/24/2017