### 506297710 10/10/2020

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6344460

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
JÉRÔME DONNARD	06/12/2020
SAMUEL DUVAL	06/12/2020
TUGDUAL OGER	06/12/2020
HUGO LEFEUVRE	06/12/2020
HERVÉ TOUBON	06/12/2020
MICHAEL DESCOSTES	06/12/2020

#### **RECEIVING PARTY DATA**

Name:	ORANO MINING
Street Address:	125 AVENUE DE PARIS
City:	CHATILLON
State/Country:	FRANCE
Postal Code:	92320
Name:	AI4R
Street Address:	AVENUE AUGUSTIN LOUIS CAUCHY
City:	NANTES
State/Country:	FRANCE
Ctate/Country.	1

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16956788

#### **CORRESPONDENCE DATA**

Fax Number:

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:** 2127361940

Email: cmehall@DDKPATENT.COM

Correspondent Name:CLINT MEHALLAddress Line 1:589 8TH AVEAddress Line 2:22ND FLOOR

Address Line 4: NEW YORK, NEW YORK 10018-3079

506297710 REEL: 054022 FRAME: 0370

PATENT

ATTORNEY DOCKET NUMBER:	11568600.1028
NAME OF SUBMITTER:	CLINT R. MEHALL
SIGNATURE:	/Clint R. Mehall/
<b>DATE SIGNED:</b> 10/10/2020	
This document serves as an Oath/Declaration (37 CFR 1.63).	

#### **Total Attachments: 6**

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PATENT REEL: 054022 FRAME: 0371

Title of Invention:	Analysing method using a dete	ector of alpha particles	
Attorney Docket No.:			
the attached application	· · · · · · · · · · · · · · · · · · ·	ne): on given above and claiming priority of the pate	nt
Country	Date	Application No.	
FRANCE	22/12/2017	17 62989	

☑ United States Application or PCT International Application No.PCT/EP2018/086405, filed 20 December 2018.

#### 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 hereby sell and assign, to:

Name of Assignee: Orano Mining

Address of Assignee: 125 Avenue de Paris 92320 CHATILLON FRANCE

Name of Assignee: AI4R

Address of Assignee: 4 avenue Augustin Louis Cauchy 44300 NANTES FRANCE

(hereinafter ASSIGNEE) all right, title, and interest in and to the above-identified invention and United States patent application, including: (i) 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; (ii) all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable, 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 patents, utility models, designs or other rights may be granted; and (iii) all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues 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 patents, utility models, designs or other rights may be granted.

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 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 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 and any and all patents, utility models, designs or other rights that may be granted in the United States orof any country or countries foreign to 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: DONNARD Jérôme	Date:
Signature:	
Inventor: DUVAL Samuel	Date:
Signature:	
Inventor: OGER Tugdual	Date:
Signature:	ur.
Inventor: LEFEUVRE Hugo	Date: 12/06/2020
Signature:	
Inventor: TOUBON Hervé	Date:
Signature:	
Inventor: DESCOSTES Michael	Date:

Title of Invention:	Analysing method using a detector	of alpha particles	
Attorney Docket No.:		•	
the attached app		iven above and claiming priority of the	patent
Country	Date	Application No.	
FRANCE	22/12/2017	17 62989	**********
M United States A	polication or PCT International Apol	ication No PCT/EP2018/086405 filed 20	

#### 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 hereby sell and assign, to:

Name of Assignee: Orano Mining

Address of Assignee: 125 Avenue de Paris 92320 CHATILLON FRANCE

Name of Assignee: AI4R

December 2018.

Address of Assignee: 4 avenue Augustin Louis Cauchy 44300 NANTES FRANCE

(hereinafter ASSIGNEE) all right, title, and interest in and to the above-identified invention and United States patent application, including: (i) 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; (ii) all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable, 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 patents, utility models, designs or other rights may be granted; and (iii) all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues 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 patents, utility models, designs or other rights may be granted.

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I warrant and covenant that I have the 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 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

Page 1 of 2

successors, legal representatives, or assigns in obtaining, reissuing, or enforcing Letters Patent of the United States and any and all patents, utility models, designs or other rights that may be granted in the United States or of any country or countries foreign to the United States, for said invention.

#### **DECLARATION**

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Signature:	
Inventor: DONNARD Jérôme	Date: 17.06.2020
Signature:	
Inventor: DUVAL Samuel	Date: 1.2.1.0.6.1.20
Signature:	
Inventor: OGER Tugdual	Date: 12 106/20
Signature:	•
Inventor: LEFEUVRE Hugo	Date:
Signature: Signature:	
Inventor: TOUBON Hervé	Date:
Signature:	
Inventor: DESCOSTES Michael	Date:

Analysing method using a detector of alpha particles

## ASSIGNMENT AND DECLARATION UNDER 37 C.F.R. § 1.63 (For Use with Signed Application Data Sheet)

successors, legal representatives, or assigns in obtaining, reissuing, or enforcing Letters Patent of the United States and any and all patents, utility models, designs or other rights that may be granted in the United States or of any country or countries foreign to the United States, for said invention.

#### DECLARATION

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Signature:	
Inventor: DONNARD Jérôme	Date:
Signature:	
Inventor: DUVAL Samuel	Date:
Signature:	
Inventor: OGER Tugdual	Date:
Signature:	
Inventor: LEFEUVRE Hugo	Date:
Signature Signature	
Inventor: TOUBON Hervé	Date: 12/66/2v
Signature	
Inventor: DESCOSTES Michael	Date:

Title of Invention:	Analysing method using a detecto	r of alpha particles
Attorney Docket No.		
the attached ap		given above and claiming priority of the paten
Country	Date	Application No.
FRANCE	22/12/2017	17 62989
☐ United States A	application or PCT International Appl	ication No.PCT/EP2018/086405, filed 20

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Name of Assignee: AI4R

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Page 1 of 2