506255364 09/16/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6302110

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
FRÉDÉRIC SCHUSTER	05/22/2019
FERNANDO LOMELLO	05/06/2019
FRANCIS MAURY	05/03/2019
ALEXANDRE MICHAU	05/09/2020
RAPHAËL BOICHOT	05/06/2019
MICHEL PONS	05/03/2019

RECEIVING PARTY DATA

Name: COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES		
Street Address:	25 RUE LEBLANC, BÂTIMENT "LE PONANT D"	
City:	PARIS	
State/Country:	FRANCE	
Postal Code:	75015	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17022866

CORRESPONDENCE DATA

Fax Number: (202)737-3528

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: 202-628-5197

Email: darrylw@browdyneimark.com **Correspondent Name:** BROWDY AND NEIMARK, PLLC

Address Line 1: 1625 K STREET, N.W.

Address Line 2: SUITE 1100

Address Line 4: WASHINGTON, D.C. 20006

ATTORNEY DOCKET NUMBER:	SCHUSTER5A	
NAME OF SUBMITTER:	RONNI S. JILLIONS	
SIGNATURE:	/Ronni S. Jillions/	
DATE SIGNED:	09/16/2020	

PATENT 506255364 REEL: 053792 FRAME: 0879

Total Attachments: 5

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PATENT REEL: 053792 FRAME: 0880

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(1-5)	Insert Name(s) of Inventors	(1) FrédéricSCHUSTER
		(2) <u>FernandoLOMELLO</u>
		(3) Francis MAURY
		(4) Alexandre MICHAU
		(5) Raphaël BOICHOT
		(6) Michel PONS
		In consideration of the sum of ten dollars (\$10.00) and other good and valuable consideration received by each of the undersigned, the receipt of which is hereby acknowledged, each of the undersigned agrees to assign, and hereby does assign, and set over to
(6)	Insert Name of Assignee	(6) COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX
,		ENERGIES ALTERNATIVES
(7)	insert Address of Assignee	(7) 25 rue Leblanc, Bâtiment "Le Ponant D", Paris, FRANCE 75015 (hereinafter designated as the Assignee) the entire right, title and interest owned by the undersigned for the United States, its territories, dependencies and possessions, in the invention known as
(8)	insert identification of invention,	(8) NUCLEAR COMPONENT WITH AMORPHOUS CRC COATING,
	such as Title, Case Number or	METHOD FOR THE PRODUCTION THEREOF BY DLI-MOCVD
	Foreign Application Number	AND USES OF SAME FOR CONTROLLING OXIDATION/HYDRIDATION
		for which undersigned has filed or will file a provisional application, or an international PCT application designating the U.S., or a non-provisional application for patent in the United States of America
(8)	Insert Date of Signing of Application	(9) on
(10)	Alternative identification for Filed Applications	(10) U.S. or PCT Application Number PCT/FR2017/052657
		filed September 28, 2017 to assign, and hereby does assign, transfer and set over to Assignee said provisional,
for any application appears to the application applica	such application the benefits of ion had been filed in his or her ions in such foreign countries; an and any official of any country or	and obtain patents in countries foreign to the United States, including the full right to claim the International Convention as fully and entirely as he or she could have done if the ame; and the entire interest in any Letters Patents that may be granted on any such the or she does authorize and request the Director of the U.S. Patent and Trademark countries foreign to the United States whose duty it is to issue patents on applications as to the said Assignee, its successors, assigns, nominees or other legal representatives, as rest; and he or she does covenant that he or she has full right to convey the said entire has not executed and will not execute any agreement in conflict herewith; and he or she said Assignee, its successors, assigns, nominees or other legal representatives, all facts intions, whenever requested, and testify in any legal proceeding, sign all lawful papers, greissue and foreign applications, make all rightful oaths and do all lawful acts requisite intinuing, reissue or foreign applications, or the procuring thereof, and also to execute the processor of the procuring thereof, and also to execute the nation hereby transferred; and that if and when said Assignee, its successors, assigns, sine to file a disclaimer relating thereto, he or she will, upon request, sign and deliver all in disclaimer; and he or she further covenants and agrees that he or she will at any time, assid Assignee, its successors, assigns, nominees or other legal representatives either in highly for, obtain and enforce proper patent protection for said inventions in all countries, of 1883 and all the laws and treaties in force, all without further consideration but at the sasigns, nominees or other legal representatives.) The firm of Browdy and Neimark the power to insert on this assignment any further irrable in order to comply with the rules of the United States Patent and Trademark Office ensigned further authorizes and requests the firm of Browdy and Neimark, PLLC, to make one in the name and/or address of the Assig
(3) (4)	Date: Sig	nature of Inventor:
(4) (5)	Date: Sig	nature of Inventor:
(6)		nature of Inventor:
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PATENT

REEL: 053792 FRAME: 0881

		ASSIGNMENI
(1-5) (6) (7)	insert Name(s) of Inventors Insert Name of Assignee Insert Address of Assignee	(1) FrédéricSCHUSTER (2) Fernandot OMELLO (3) Francis MAURY (4) Alexandre MICHAU (5) Raphaél BOICHOT (6) Michel PONS In consideration of the sum of ten dollars (\$10.00) and other good and valuable consideration received by each of the undersigned, the receipt of which is hereby acknowledged, each of the undersigned agrees to assign, and hereby does assign, and set over to (6) COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES (7) 25 rue Leblanc, Bâtiment "Le Ponant D", Paris, FRANCE 75015 (hereinafter designated as the Assignee) the entire right, title and interest owned by the undersigned for the United States, its territories, dependencies and possessions, in the
(8)	Insert Identification of Invention, such as Title, Case Number or Foreign Application Number	invention known as (8) NUCLEAR COMPONENT WITH AMORPHOUS CRC COATING METHOD FOR THE PRODUCTION THEREOF BY DLI-MOCVD AND USES OF SAME FOR CONTROLLING OXIDATION/HYDRIDATION for which undersigned has filed or will file a provisional application, or an international PCT application designating the U.S., or a non-provisional application for patent in the United States of America
(9) (10)	Insert Date of Signing of Application Alternative Identification	(9) on
internaticontinual such pate exercise for any applicat applicat Office, a aforesai Assigne interest agrees i known the execute for the separate full protonomined lawful pupon revenies or haccordir expense identification address	ional or non-provisional application onal application, that claims the ations of any said non-provisional attent, and any original and reissue ad, in his or her name to apply for such application the benefits of ion had been filed in his or her sons in such foreign countries; an and any official of any country or id, to issue the said Letters Patents to end owner of the said entire intherein assigned and that he or she hill communicate to him or her respecting said inversal deliver all divisional, continuity applications for such divisional, or assignments in connection with a section and title in and to the inverse or other legal representatives despers requisite for the filing of such as the inversal delivers. The undersigned hereby grant(eation that may be necessary or derection of this document. The undersigned or clerical error of the Assignee(s). This Assignments half be binding the to the benefit of the heirs, execu	to assign, and hereby does assign, transfer and set over to Assignee said provisional, for patent, and all non-provisional applications for patent, including any non-provisional or benefit of said application, if said application is a provisional, and all divisions and applications, including the subject matter of any and all claims that may be obtained in every discrete. Patents granted for said invention; and the right, where such right can be legally and obtain patents in countries foreign to the United States, including the full right to claim the International Convention as fully and entirely as he or she could have done if the name; and the entire interest in any Letters Patents that may be granted on any such discrete and the entire interest in any Letters Patents that may be granted on any such discrete and the entire interest in any Letters Patents that may be granted on any such discrete and the entire interest in any Letters Patents that may be granted on any such discrete and the entire interest in any Letters Patents that may be granted on any such discrete and the entire interest in any Letters Patents that may be granted on any such a said Assignee, its successors, assigns, nominees or other legal representatives, all facts entire in the entire patents and testify in any legal proceeding, sign all lawful papers, and call assignee, its successors, assigns, nominees or other legal representatives, all facts entire in the patent patent protection and deliver all the disclaimer relating thereto, he or she will, upon request, sign and deliver all hid disclaimer; and he or she further covenants and agrees that he or she will at any time, of said Assignee, its successors, assigns, nominees or other legal representatives either in poly for, obtain and enforce proper patent protection for said inventions in all countries, of 1863 and all the laws and treaties in force, all without further consideration but at the assigns, nominees or other legal representatives either in performent any further sirable in
(1)		nature of Inventor:
(2)		
(3)		nature of Inventor:
(4)		nature of Inventor:
(5)		nature of Inventor:
(6)	Date: Sig	nature of Inventor:

		_	
(1-5)	insert Name(s) of inventors	(1)	FrédéricSCHUSTER
		(2)	FernandoLOMELLO
		(3)	Francis MAURY
		(4)	Alexandre MICHAU
		(5)	Raphaël BOICHOT
		(6)	Michel PONS
		considerat	sideration of the sum of ten dollars (\$10.00) and other good and valuable on received by each of the undersigned, the receipt of which is hereby ged, each of the undersigned agrees to assign, and hereby does assign, an
(6)	Insert Name of Assignee	(6)	COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX
			ENERGIES ALTERNATIVES
(7)	Insert Address of Assignee	(7)	25 rue Leblanc, Bâtiment "Le Ponant D", Paris, FRANCE 75015
			er designated as the Assignee) the entire right, title and interest owned by the of for the United States, its territories, dependencies and possessions, in the nown as
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	Foreign Application Number	1000	AND USES OF SAME FOR CONTROLLING OXIDATION/HYDRIDATION
			ndersigned has filed or will file a provisional application, or an international PC designating the U.S., or a non-provisional application for patent in the United merica
(9)	Insert Date of Signing of Application	(9)	on
(10)	Alternative identification for Filed Applications	(10)	U.S. or PCT Application Number PCT/FR2017/052657
	• •	filed	September 28, 2017
internati	onal or non-provisional application onal application, that claims the	to assign, for patent, benefit of	and hereby does assign, transfer and set over to Assignee said provisional and all non-provisional applications for patent, including any non-provisional o said application, if said application is a provisional, and all divisions and including the subject matter of any and all claims that may be obtained in even

such patent, and any original and reissued Letters Patents granted for said invention; and the right, where such right can be legally exercised, in his or her name to apply for and obtain patents in countries foreign to the United States, including the full right to claim for any such application the benefits of the International Convention as fully and entirely as he or she could have done if the application had been filed in his or her name; and the entire interest in any Letters Patents that may be granted on any such applications in such foreign countries, and he or she does authorize and request the Director of the U.S. Patent and Trademark Office, and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue the said Letters Patents to the said Assignee, its successors, assigns, nominees or other legal representatives, as Assignee and owner of the said entire interest; and he or she does covenant that he or she has full right to convey the said entire interest herein assigned and that he or she has not executed and will not execute any agreement in conflict herewith, and he or she agrees that he or she will communicate to said Assignee, its successors, assigns, nominees or other legal representatives, all facts known to him or her respecting said inventions, whenever requested, and testify in any legal proceeding, sign all lawful papers, execute and deliver all divisional, continuing, reissue and foreign applications, make all rightful caths and do all lawful acts requisite for the applications for such divisional, continuing, reissue or foreign applications, or the procuring thereof, and also to execute separate assignments in connection with any such applications as the Assignee may deem necessary or expedient or essential to the full protection and title in and to the invention hereby transferred, and that if and when said Assignee, its successors, assigns, nominees or other legal representatives desire to file a disclaimer relating thereto, he or she will, upon request, sign and deliver all lawful papers requisite for the filing of such disclaimer; and he or she further covenants and agrees that he or she will at any time. upon request, do everything possible to aid said Assignee, its successors, assigns, nominees or other legal representatives either in his or her or Assignee's own name, to apply for, obtain and enforce proper patent protection for said inventions in all countries, according to the International Convention of 1883 and all the laws and treaties in force, all without further consideration but at the expense of said Assignee, its successors, assigns, nominees or other legal representatives.

The undersigned hereby grant(s) the firm of Browdy and Neimark the power to insert on this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document. The undersigned further authorizes and requests the firm of Browdy and Neimark, PLLC, to make corrections of typographical or clerical errors in the name and/or address of the Assignee(s) or to update or otherwise correct the address of the Assignee(s).

This Assignment shall be binding upon the heirs, executors, administrators, and/or assigns of each of the undersigned, and shall inure to the benefit of the heirs, executors, administrators, successors and/or assigns of the Assignee.

In witness whereof, executed by each of the undersigned on the date opposite the name of the undersigned.

(1)	Dates	Signature of Inventor:
(2)	Date:	Signature of Inventor:
(3)	Date: 1043 2019	Signature of Inventor:
(4)	Date:	Signature of Inventor:
(5)	Date:	Signature of Inventor:
(6)	Date:	Signature of Inventor:

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(1-5)	Insert Name(s) of Inventors	(1) FrédéricSCHUSTER
		(2) FernandoLOMELLO
		(3) Francis MAURY
		(4) Alexandre MICHAU
		(5) Raphaël BOICHOT
		(6) Michel PONS
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		(hereinafter designated as the Assignee) the entire right, title and interest owned by the undersigned for the United States, its territories, dependencies and possessions, in the invention known as
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(9)	Insert Date of Signing of Application	(9) on
(10)	Alternative Identification for Filed Applications	(10) U.S. or PCT Application Number PCT/FR2017/052657
	,	iled September 28, 2017
such pat exercises for any application application of the part of	tent, and any original and reissued, in his or her name to apply for such application the benefits of on had been filed in his or her rons in such foreign countries; an and any official of any country or of the tent of the said entire interest and owner of the said entire interest assigned and that he or should be an expecting said invested to him or her respecting said invested to him or her respecting said invested to him or her respecting said invested to the said entire interest and deliver all divisional, continuir applications for such divisional, continuir applications for such divisional, continuir application and title in and to the invested or of the regal representatives dispers requisite for the filing of success, or other legal representatives designed to the investigned hereby grant(set) of the time that may be necessary or destation of this document. The undersigned hereby grant(set) of the Assignee(s). This Assignment shall be binding to the benefit of the heirs, executed by the said the said the said the security of the present the present the security of the security of the present the security of the present the pres	Letters Patents granted for said invention; and the right, where such right can be legally and obtain patents in countries foreign to the United States, including the full right to claim is international Convention as fully and entirely as he or she could have done if the arne; and the entire interest in any Letters Patents that may be granted on any such he or she does authorize and request the Director of the U.S. Patent and Trademark nuntries foreign to the United States whose duty it is to issue patents on applications as to the said Assignee, its successors, assigns, nominees or other legal representatives, as est; and he or she does covenant that he or she has full right to convey the said entire has not executed and will not execute any agreement in conflict herewith, and he or she has not executed and will not execute any agreement in conflict herewith, and he or she said Assignee, its successors, assigns, nominees or other legal representatives, all facts tions, whenever requested, and testify in any legal proceeding, sign all lawful acts requisite nitinuing, reissue or foreign applications, make all rightful oaths and do all lawful acts requisite nitinuing, reissue or foreign applications, or the procuring thereof, and also to execute y such applications as the Assignee may deem necessary or expedient or essential to the tion hereby transferred; and that if and when said Assignee, its successors, assigns, sire to file a disclaimer relating thereto, he or she will, upon request, sign and deliver all disclaimer; and he or she further covenants and agrees that he or she will at any time, said Assignee, its successors, assigns, nominees or other legal representatives either in only for, obtain and enforce proper patent protection for said inventions in all countries, the firm of Browdy and Neimark the power to insert on this assignment any further rable in order to comply with the rules of the United States Patent and Trademark Office reigned further authorizes and requests the firm of Browdy and Neimark,
(1)		ature of Inventor:
		ature of Inventor:
(3)	Date:Sig	ature of Inventor:
(4)	Date:Sign	ature of Inventor:
(5)	Date: 00/05/19 Sign	ature of Inventor:

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Signature of Inventors

(6)

		•	2. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.
(1-5)	Insert Name(s) of Inventors	(1)	FrédéricSCHUSTER
		(2)	Fernandol OMELLO
		(3)	Francis MAURY
		(4) (5)	Alexandre MICHAU
		(6)	Raphaël BOICHOT Michel PONS
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(6)	Insert Name of Assignee	(6)	COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX
(71)	for a seal of adulance of the columns	(***)	ENERGIES ALTERNATIVES
(7)	Insert Address of Assignee	(7) (hereinaft undersigne invention k	25 rue Leblanc, Sâtiment "Le Ponant D", Paris, FRANCE 75015 er designated as the Assignee) the entire right, title and interest owned by the ed for the United States, its territories, dependencies and possessions, in the thown as
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(9)	insert Date of Signing of Application	(9)	on 1943 2019
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exerci for an applic applice afores Assign interes agrees known executi for the separa full pro- nominal lawful upon r his or accord expensi identifif for rec correct addres	ised, in his or her name to apply for any such application the benefits of action had been filed in his or her ations in such foreign countries; are, and any official of any country or taid, to issue the said Letters Patent nee and owner of the said entire into the herein assigned and that he or she is that he or she will communicate to to him or her respecting said invite and deliver all divisional, continuite applications for such divisional, eate assignments in connection with a otection and title in and to the invites or other legal representatives of papers requisite for the filling of such equest, do everything possible to all her or Assignee's own name, to a ling to the International Convention se of said Assignee, its successors, The undersigned hereby grant (cation that may be necessary or decordation of this document. The uncitions of typographical or clerical errise of the Assignee(s). This Assignment shall be binding	and obtain the International name; and on the or she countries for some countries for some countries for some countries for said Assignention, where the countries of the continuing, relation herebesire to file the child said Assignapply for, oboth 1883 and assigns, nor so the firm restrable in ordersigned fur orders in the normal countries.	stents granted for said invention; and the right, where such right can be legally patents in countries foreign to the United States, including the full right to claim tional Convention as fully and entirely as he or she could have done if the the entire interest in any Letters Patents that may be granted on any such se does authorize and request the Director of the U.S. Patent and Trademark reign to the United States whose duty it is to issue patents on applications as Assignee, its successors, assigns, nominees or other legal representatives, as see or she does covenant that he or she has full right to convey the said entire secuted and will not execute any agreement in conflict herewith; and he or she nee, its successors, assigns, nominees or other legal representatives, all facts enever requested, and testify in any legal proceeding, sign all lawful papers, and foreign applications, make all rightful oaths and do all lawful acts requisite eissue or foreign applications, or the procuring thereof, and also to execute olications as the Assignee may deem necessary or expedient or essential to the pay transferred; and that if and when said Assignee, its successors, assigns, a disclaimer relating thereto, he or she will, upon request, sign and deliver all r; and he or she further covenants and agrees that he or she will at any time, there is successors, assigns, nominees or other legal representatives either in tain and enforce proper patent protection for said inventions in all countries, and all the laws and treaties in force, all without further consideration but at the minees or other legal representatives. Of Browdy and Neimark the power to insert on this assignment any further der to comply with the rules of the United States Patent and Trademark Office their authorizes and requests the firm of Browdy and Neimark, PLLC, to make ame and/or address of the Assignee(s) or to update or otherwise correct the lefts, executors, administrators, and/or assigns of each of the undersigned, and strators, successors and/
snan in			strators, successors and/or assigns of the Assignee. undersigned on the date opposite the name of the undersigned.
(1)	Date: Sig	gnature of L	nventor:
(2)			nventor:
(3)	Date: Sig	gnature of I	nventor:
(4)	Date: Sig	mature of I	nventor:
(5)	Date: Sig	gnature of I	nventor:
(6)	Date: Jau S Lol 9 Sig	mature of Ir	eventor:

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RECORDED: 09/16/2020