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Alexandria, VA 22313-1450		Attorney Docket No. 159393						
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Total number of pages including cover sheet, attachments, and document: 2								
A. Name of conveying parties:		2. A. Name and address of receiving party:						
Nicolas KARST     Simon PERRAU  B. Additional name(s) of conveying		COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES 25 RUE LEBLANC, BATIMENT "LE						
	☐ Yes ☒ No	PONANT D", F-75015 PARIS, FRANCE (FR)						
3. A. Nature of conveyance:  Assignment Security Agreement Other B. Execution Date: [1]: SEPTEMBER 18. [2]: SEPTEMBER-19.	<u>, 2013</u>	B. Additional name(s) & address(es) attached? ☐Yes ☑ No						
4. A. Patent Application No. 14/113,664  B. Patent No.(s)								
Additional numbers attached?								
C. Title of Application: <u>DEVICE AND METHOD FOR KNIFE COATING AN INK BASED</u> ON COPPER AND INDIUM								
Name and address of party to whom concerning document should be main	n correspondence	6. Total number of applications and patents involved: 1						
Name: William P. Berridge  Address: OLIFF & BERRIDG  P.O. Box 3208	EE, PLC	7. Please charge Deposit Account No. 15-0461 the total fee (37 CFR 3.41) in the amount of \$\frac{40.00}{2}\$.						
Alexandria, VA 223 Phone Number: 703-8 Fax Number: 703-8 Email: <u>email@oli</u>	320-4850 -836-6400 336-2787	Credit any overpayment or charge any underpayment to deposit account number 15-0461.						
9. Statement and signature. To the best of my knowledge and be original document. William P. Berridge, Registration No. 44 Roane T. Noel, Registration No. 63	No. 30,024 6,748	on is true and correct and any attached copy is a true copy of the  Date: October 24, 2013						

**PATENT REEL: 031542 FRAME: 0113** 

			ASSIGNME	NT				
		(1)	KARST Nicolas	(5)				
(1-8) Insert Name(s) of Inventor(s)	Insert	(2)	PERRAUD Simon					
	(3)		(7)					
	(4)							
		each o	In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, each undersigned agrees to assign, and hereby does assign, transfer and set over to					
(9)	Insert Name of Assignee	(9)	Commissariat à l'Energie Atomique et aux Energies Alternatives					
(10) Insert Address of Assignee	(10)	25 rue Leblanc, Bâtiment "Le Ponant D", F-75015 PARIS, France (FR)						
		(hereinafter designated as the Assignce) and Assignce's heirs, successors, ossigns and logal representatives, the entire right, little and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, international, confirmation, substitute and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as						
(11)	Inscri	(11)	PCT/FR2012/000176		- Annual	**************************************		
	Identification such as Title, Case Number, or Foreign Application Number		ney Docket No. 15939		ent in the United State	s of America		
		on eye	n date herowith or					
(12)	Insert Date of Signing of Application	(12)	OII	· · ·				
(13)	Alternative Identification for filed applications	(13) filed	U.S. application Serial Number October 24, 2013	14/113,66	i4			
and pate applicat Assigne undersithe Inicircexami Patents full righ and agree to the the tree and tree are the tree are tree and tree are	ions for the invention, and any and a state Assignee may deen 2) Each undersigned agrees ion or continuation or division or invention or division of invention of the invention of agrees to execute all parmational Convention for Protein 4) Each undersigned agrees nation a grant of a valid Unite 5) Each undersigned author of the United States resulting at the convey the entire interest sets that this assignment is bin 6) Each undersigned hereby Irm of OLIFF & BERRIDGE, I comply with the rules of the	y patent( n necess; to execu- to execu- to execu- to thereof- laining co- pers and ection of- to perfo- de States izes and from sai- herein in ding on- gra LC the p United S	ite all papers necessary in connect, or any patent or reissue applicatividence and going forward with a documents and perform any act with the constraint Property or similar agring all affirmative acts which may are the contractive acts which may are all affirmative acts which may are all affirmative acts which may are all affirmative acts which may	tion with any interference what ion based thereon, for the invalue interference.  which may be necessary in conference.  y be necessary to obtain, main a U.S. Patent and Trademark in nee, as Assignee of the entire uted, and will not execute, an igns and legal representatives than further identification that any further identification of this documents.	ich may be declared or rention, and to coopera meetion with claims or alain or confirm by reis Office to issue any and interest, and covenantly agreements in conflict.	oncerning any attention of the with the ar provisions of assue or at all Letters as that he has not herewith,		
Date	O - O - O			KARST Nicolas	Vav :	(SEAL)		
Date	19 1091 13			PERRAUD Simon	Ponaul	(SEAL)		
Date						(SEAL)		
Date	4.000		Inventor Signature			(SEAL)		
	This assignment should prefitten it should be signed befo	erably b	e signed before: (a) a Notary Pub at two witnesses who also sign he	lie if within the U.S.A. (b) a	U.S. Consul if outside	the U.S.A. If		
Date	10100112		Witness	BOZDZ Natrapie	Cooks			

**PATENT REEL: 031542 FRAME: 0114** 

**RECORDED: 10/24/2013** 

Date 18/03/13