

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
PATRICK CHOQUET	10/22/2016
DAVID DUDAY	10/11/2016
<b>RECEIVING PARTY DATA</b>	
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15301001
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	1759.488
<b>NAME OF SUBMITTER:</b>	JEFF ROTHENBERG
<b>SIGNATURE:</b>	/Jeff Rothenberg/
<b>DATE SIGNED:</b>	03/23/2017
This document serves as an Oath/Declaration (37 CFR 1.63).	
<b>Total Attachments: 5</b>	
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**ASSIGNMENT AND DECLARATION**

WHEREAS, We, **Patrick CHOQUET**, a citizen of France, residing at 40, rue Robert Schuman, 57050 Longeville Les Metz, FRANCE; and **David DUDAY**, a citizen of France, residing at 2 Rue Renert, L-2422 LUXEMBOURG, (hereinafter the **INVENTORS**) have invented certain new and useful improvements in

**METHOD AND DEVICE FOR GENERATING A PLASMA EXCITED BY A MICROWAVE ENERGY IN THE ELECTRON CYCLOTRON RESONANCE (ECR) DOMAIN, IN ORDER TO CARRY OUT A SURFACE TREATMENT OR PRODUCE A COATING AROUND A FILIFORM ELEMENT**

which is the subject of United States Application Serial Number **15/301,001** filed **September 30, 2016**, which is the US national phase entry of International Application No. PCT/FR2015/050765, filed March 26, 2015, which claims priority from French Application No. 1453000, filed April 4, 2014, and

WHEREAS, **LUXEMBOURG INSTITUTE OF SCIENCE AND TECHNOLOGY** (hereinafter **LIST**), having offices at 5 Avenue des Hauts-Fourneaux, L-4362 Esch-Sur-Alzette, LUXEMBOURG, is desirous of obtaining our entire right, title and interest in, to and under said improvements and said application;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which We hereby acknowledged, We, the **INVENTORS** have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over to **LIST**, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said improvements, the above-identified application, including the right to claim priority to said applications, and all divisionals, continuations and continuations-in-part thereof, and all Letters Patent which may be granted thereon and all reexaminations, reissues, renewals and extensions thereof, and all applications for Letters Patent which have been filed or may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all reexaminations, reissues, renewals and extensions thereof; and We hereby authorize and request the Commissioner of Patents of the United States, 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 all Letters Patent for said improvements to **LIST**, its successors, legal representatives and assigns, in accordance with the terms of this instrument;

AND WE HEREBY covenant that We have full right to convey the entire interest herein assigned, and that We have not executed, and will not execute, any agreement in conflict herewith;

AND WE HEREBY further covenant and agree that We and our heirs, representatives and successors, if any, will communicate to **LIST**, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid **LIST**, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries;

AND WE HEREBY grant Heslin Rothenberg Farley & Mesiti P.C. the power to insert on this assignment any further identification which 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.

AND WE HEREBY, as the above named inventors, declare that the above-identified application was made or authorized to be made by us;

AND WE HEREBY, as the above named inventors, declare that we believe that we are original joint inventors of a claimed invention in the above-identified application;


AND WE HEREBY state that we have reviewed and understand the contents of the above-identified specification, including the claims;

AND WE HEREBY acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to us to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

AND WE HEREBY declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further

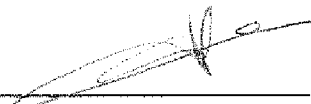
that these statements were made with the knowledge that any willful false statements and the like so made in this declaration are punishable by fine or imprisonment of not more than five (5) years, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 14 day of  
October, 2016.

  
\_\_\_\_\_  
Patrick CHOQUET

Witnessed by: C. Reck   
Signature

Date: 27/10/2016

Witnessed by:   
Signature


Date: 27/10/2016

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 17 day of October, 2016.

  
\_\_\_\_\_  
David DUDAY

Witnessed by:   
\_\_\_\_\_  
Signature

Date: 27.10.16

Witnessed by:   
\_\_\_\_\_  
Signature

Date: 27.10.16