#### 505270140 01/09/2019

## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	<b>Execution Date</b>
LUCIANO CINOTTI	12/15/2018

#### **RECEIVING PARTY DATA**

Name:	HYDROMINE NUCLEAR ENERGY S.A.R.L.	
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State/Country:	LUXEMBOURG	
Postal Code:	LU-1273	

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

Property Type	Number
Application Number:	16098001

#### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	279271WOUS01_495232-101
NAME OF SUBMITTER:	MARCUS S. SIMON
SIGNATURE:	/Marcus S. Simon, Reg.# 50258/
DATE SIGNED:	01/09/2019

#### **Total Attachments: 3**

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**PATENT** REEL: 047943 FRAME: 0603 505270140

# UNITED STATES PATENT

Form US

# COMBINED DECLARATION and ASSIGNMENT

(Utility, Design, National Stage of PCT)

TITLE OF INVENTION: NUCLEAR REACTOR, WITH CONTROL AND SHUTDOWN RODS EXTERNAL TO THE CORE AND TO ITS SUPPORTING STRUCTURES

As a below named inventor, I hereby declare that:

#### SPECIFICATION IDENTIFICATION

This declaration and assignment is directed to:

(complete (a), (b), or (c))

(a)	[]	The attached application (United States Application No.	
		filed on	
(b)		Previously filed United States Application No.	
		filed onor	
(c)	[X]	PCT International Application No. PCT/IB2017/052612, filed on May 4, 2017	
		(nationalized as United States Application No. 16/098,001, filed on October 31	
		2018).	

I hereby authorize the patent attorneys and/or patent agents of Dorsey & Whitney LLP to insert the above Application No(s), and filing date(s) when known.

# DECLARATION AND ACKNOWLEDGEMENT

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 above-identified application.

I hereby state that I have reviewed and understand the contents of the above-identified application, including the claim(s).

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4822-1670-3609\).

PATENT REEL: 047943 FRAME: 0604 I acknowledge the duty to disclose all information which is material to patentability as defined in

37 C.F.R. § 1.56, including for continuation-in-part applications, material information which

became available between the filing date of the prior application and the national or PCT

international filing date of the continuation-in-part 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.

ASSIGNMENT

The Assignee, Hydromine Nuclear Energy S.A.R.L., having a principal place of business at 19,

Rue De Bitbourg, Luxembourg, LU, 1273, desires to secure the entire right, title and interest in

the above-identified application and in the invention disclosed therein.

In consideration of One Dollar (\$1.00) and other good and valuable consideration paid to me by

the Assignee, the receipt and sufficiency of which is hereby acknowledged, I HEREBY ASSIGN

TO THE ASSIGNEE:

The entire right, title and interest in the above-identified application and in the invention disclosed therein and in all divisions, continuations and continuations-

in-part of said application and in all corresponding applications filed in countries

foreign to the United States and in all patents issuing thereon in the United States and foreign countries and in all reissues or extensions of patents granted thereon.

The right to file foreign patent applications on said invention in its own name,

wherever such right may be legally exercised, including the right to claim the priority to or the benefit of the above-identified application including under all

applicable treaties and conventions.

I hereby authorize and request the United States Commissioner of Patents and Trademarks, and

such Patent Office officials in foreign countries as are duly authorized by their patent laws to

issue patents, to issue any and all patents on said invention to the Assignee as the owner of the

entire interest, for the sole use and behoof of the said Assignee, its successors, assigns and legal

representatives.

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I hereby agree, without further consideration and without expense, to sign all lawful papers and to perform all other lawful acts which the Assignee may request of me to make this Assignment fully effective, including, by way of example but not of limitation, the following.

Prompt execution of all original, divisional, continuation, continuation-in-part, substitute, reissue, and other United States and foreign patent applications on the invention, and all lawful documents requested by the Assignee to further the prosecution of any of such patent applications.

Cooperation to the best of my ability in: (1) proceedings relating to nullification, reissue, extension, post grant, inter partes, derivation, supplemental examination, and infringement involving the invention; (2) execution of all lawful documents involving the invention; and (3) the production of evidence involving the invention.

This assignment and agreement shall be binding upon my heirs and legal representatives.

### SIGNATURE(S)

Luciano		Cinotti
7/27/FW 7/38/FD	(MIDDLE INITIAL OR NAME)	FAMILY (OR LAST NAME)
and the second second	1 Ports A	15-12-9018
Signature Add to Essel	Cincoli Date 1	

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4822-1670-3609\1

Full name of sole or first inventor

PATENT REEL: 047943 FRAME: 0606

RECORDED: 01/09/2019