

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT3524890

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	GREG HERSAK	03/15/2013
	RICHARD WILFRID WRAY	03/15/2013
RECEIVING PARTY DATA		
Name:	ATOMIC ENERGY OF CANADA LIMITED / ÉNERGIE ATOMIQUE DU CANADA LIMITÉE	
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City:	CHALK RIVER	
State/Country:	CANADA	
Postal Code:	K0J 1J0	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	14776253
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NAME OF SUBMITTER:	MATTHEW J. GRAFF	
SIGNATURE:	/MJG/	
DATE SIGNED:	09/14/2015	
Total Attachments: 3		
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ASSIGNMENT

WHEREAS, **Greg Hersak**, whose full post office address is **580 Lamure Road, RR1 Deep River, Ontario, K0J 1P0, Canada**, and **Richard Wilfrid Wray**, whose full post office address is **13 James Street, Deep River, Ontario, K0J 1P0, Canada** (hereinafter "the Assignors"), are the inventors of an invention disclosed in United States Provisional Patent Application No. **61/785,090**, filed on **March 14, 2013** and entitled **REGULATOR APPARATUS HAVING A CHARGING VALVE ASSEMBLY AND A FLOW MULTIPLIER ASSEMBLY** (hereinafter "the Application");

AND WHEREAS, **ATOMIC ENERGY OF CANADA LIMITED / ÉNERGIE ATOMIQUE DU CANADA LIMITÉE**, a company incorporated under the laws of Canada and having its head office at **Chalk River Laboratories, Chalk River, Ontario, K0J 1J0, Canada** (hereinafter "the Assignee"), has acquired from the Assignors their entire right, title and interest in and to the invention, in all countries of the world, including their rights to the Application and all related applications thereon, including any and all international, national and regional phase applications based on the Application, and other counterpart applications in all countries, and any and all substitutes, divisionals, continuations and continuations-in-part, and any Letters Patent that may be obtained therefor, and in any and all reissues, extensions, renewals and reexaminations of such applications and patents;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of all of which is hereby acknowledged, the Assignors hereby confirm that, as of the filing date of the Application, they have assigned, and, effective as of the filing date of the Application, do hereby sell and assign, transfer and set over to the Assignee, all their right, title and interest for Canada, the United States of America, its territories, dependencies and possessions, and for all other countries in the world, in and to the invention, including their rights to the Application, and all related applications and patents thereon, to be held and enjoyed by the Assignee, its assigns and successors, as fully and entirely as

the same would have been held and enjoyed by them, had this Assignment not been made.

The Assignors hereby state that they have reviewed and understand the contents of the Application, including the claims. The Assignors hereby confirm that the Application was made or was authorized to be made by themselves, and that they believe themselves to be the original inventors or joint inventors of a claimed invention in the Application.

The Assignors shall without further consideration do all such things and execute all such documents as may be necessary or desirable to obtain and maintain the Application for the invention, and all related applications and patents thereon, in any and all countries, and to vest title thereto in the Assignee, its successors, assigns and legal representatives or nominees.

The Assignors authorize and empower the Assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any of the Applications, and all related applications and patents thereon, filed by them or the Assignee, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from them.

The Assignors authorize and empower Bereskin & Parr LLP/S.E.N.C.R.L., s.r.l., whose complete address is Scotia Plaza, 40 King Street West, 40th Floor, Toronto, Ontario M5H 3Y2, to insert on this Assignment any further identification, to prepare any translation which may be necessary or desirable in order to comply with the rules for recordation of this document in any country and to correct any clerical error in this Assignment.

The Commissioner of Patents & Trademarks is hereby authorized and requested to issue any Letters Patent for the Application, and all related applications thereon, to the Assignee, for its sole use and benefit; and for the use and benefit of its successors

and assigns, to the full end of the term for which Letters Patent may be granted, as fully and entirely as the same would have been held by the Assignors had this Assignment and sale not been made.

If a provision of this Assignment is or becomes illegal, invalid or unenforceable in any jurisdiction, that shall not affect the validity or enforceability in that jurisdiction of any other provision of this Assignment, or the validity or enforceability in other jurisdictions of that or any other provision of this Assignment.

The Parties confirm their express wish that this Assignment be drawn up in the English language. *Les parties confirment leur volonté expresse que cette cession soit rédigée en langue anglaise.*

SIGNED AT Deep River, Ontario, this 15th day of March, 2013.



Witness

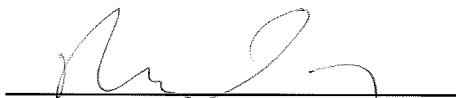


Greg Hersak

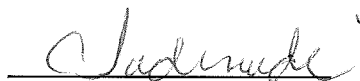
SIGNED AT Deep River, Ontario, this 15th day of March, 2013.



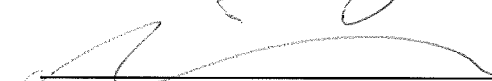
Witness



Richard Wilfrid Wray



Witness



**ATOMIC ENERGY OF CANADA LIMITED /
ÉNERGIE ATOMIQUE DU CANADA LIMITÉE**

Name: Theodore J. Chioyoon
Title: Manager, IP Operations