

PCT REQUESTOriginal (for **SUBMISSION**)

0	For receiving Office use only	
0-1	International Application No.	PCT/US17/50125
0-2	International Filing Date	05 SEP 2017(05.09.2017)
0-3	Name of receiving Office and "PCT International Application"	RO/US
0-4	Form PCT/RO/101 PCT Request	
0-4-1	Prepared Using	PCT-SAFE [EFS-Web mode] Version 3.51.073.249 MT/FOP 20160401/0.20.5.24
0-5	Petition	
	The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
0-6	Receiving Office (specified by the applicant)	United States Patent and Trademark Office (USPTO) (RO/US)
0-7	Applicant's or agent's file reference	75231904WO01
I	Title of Invention	MONTE CARLO MODELING OF THORIUM BLANKET FIELD CALIBRATORS
II	Applicant	
II-1	This person is	Applicant only
II-2	Applicant for	All designated States
II-4	Name	HALLIBURTON ENERGY SERVICES, INC.
II-5	Address	3000 N. Sam Houston Parkway E. Houston, Texas 77032 United States of America
II-6	State of nationality	US
II-7	State of residence	US
III-1	Applicant and/or inventor	
III-1-1	This person is	Inventor only
III-1-3	Inventor for	All designated States
III-1-4	Name (LAST, First)	GALFORD, James E.
III-1-5	Address	3311 Ashmont Ln. Missouri City, Texas 77459 United States of America

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IV-1	Agent or common representative; or address for correspondence The person identified below is hereby/ has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	Agent
IV-1-1	Name (LAST, First)	RAJ, Vinu
IV-1-2	Address	Haynes and Boone, LLP 2323 Victory Avenue, Suite 700 Dallas, Texas 75219 United States of America
IV-1-3	Telephone No.	214-651-5000
IV-1-4	Facsimile No.	214-200-0853
IV-1-5	e-mail	ipdocketing@haynesboone.com
IV-1-5(a))	E-mail authorization The receiving Office, the International Searching Authority, the International Bureau and the International Preliminary Examining Authority are authorized to use this e-mail address, if the Office or Authority so wishes, to send notifications issued in respect of this international application:	as advance copies followed by paper notifications
IV-1-6	Agent's registration No.	59,327
IV-2	Additional agent(s)	additional agent(s) with same address as first named agent
IV-2-1	Name(s)	TIDWELL, Mark(37,456); BORLAND, Harold(57854); LAYE, Jade O.(54,255); PITTMAN, David(66,027); BROWN, Randall C.(31,213); EDWARDS, Gary(41,008); HERDA, Alan(50,426); SUAREZ, Vera(66087); HALBUR, Zachary(68500); TU, Evert Uy(57004); PAPE, Eileen(75154); HARDAWAY, Kevin L.(75,334); DEMARCO, John(40586)
IV-3	Additional agent(s)	Agent
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IV-3-6	Agent's registration No.	45493

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IV-4	Additional agent(s)	Agent
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IV-5	Additional agent(s)	Agent
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IV-6	Additional agent(s)	Agent
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IV-6-6	Agent's registration No.	36256
IV-7	Additional agent(s)	Agent
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IV-7-3	Telephone No.	281-575-3000
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IV-7-5	e-mail	fhoupatgrp@halliburton.com
IV-7-6	Agent's registration No.	35415

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IV-8	Additional agent(s)	Agent	
IV-8-1	Name (LAST, First)	RICHARDSON, Scott	
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IV-8-6	Agent's registration No.	64118	
IV-9	Additional agent(s)	Agent	
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IV-9-3	Telephone No.	281-575-3000	
IV-9-4	Facsimile No.	281-871-7830	
IV-9-5	e-mail	fhoupatgrp@halliburton.com	
IV-9-6	Agent's registration No.	51253	
V	DESIGNATIONS		
V-1	The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents.		
VI-1	Priority Claim	NONE	
VII-1	International Searching Authority Chosen	Korean Intellectual Property Office (ISA/KR)	
VIII	Declarations	Number of declarations	
VIII-1	Declaration as to the identity of the inventor	-	
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	-	
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	-	
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	-	
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	-	

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IX	Check list	Number of sheets	Electronic file(s) attached
IX-1	Request (including declaration sheets)	5	✓
IX-2	Description	37	-
IX-3	Claims	5	-
IX-4	Abstract	1	✓
IX-5	Drawings	12	-
IX-7	TOTAL	60	
	Accompanying Items	Paper document(s) attached	Electronic file(s) attached
IX-8	Fee calculation sheet	✓	-
IX-20	Figure of the drawings which should accompany the abstract	10	
IX-21	Language of filing of the international application	English	
X-1	Signature of applicant, agent or common representative	/Vinu Raj Reg. No. 59327/	
X-1-1	Name (LAST, First)	RAJ, Vinu	
X-1-3	Capacity (if such capacity is not obvious from reading the request)		

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05-09-2017

10-1	Date of actual receipt of the purported international application	05 SEP 2017
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/KR
10-6	Transmittal of search copy delayed until search fee is paid	

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11-1	Date of receipt of the record copy by the International Bureau	
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