

# PCT

## POWER OF ATTORNEY

(for an international application filed under the Patent Cooperation Treaty)

(PCT Rule 90.4)

The undersigned applicant(s) (Names should be indicated as they appear in the request):

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hereby appoints (appoint) the following person as:  agent  common representative

**Name and address**

(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

TIDWELL, Mark; LAYE, Jade O.; SUAREZ, Vera; RAJ, Vinu; BORLAND, Harold; BROWN, Randall C.; TU, Evert; HALBUR, Zachary; PAPE, Eileen; HARDAWAY, Kevin; PITTMAN, David; Haynes and Boone of 2323 Victory Avenue, Suite 700, Dallas, Texas 75219, United States of America.

MENEZES, Clive; FITE, Benjamin; BRYSON, Alan C.; RODDY, Craig; WUSTENBERG, John; RICHARDSON, Scott; KRUEGER, Tenley; Halliburton Energy Services, Inc. of 3000 N. Sam Houston Parkway E., Houston, Texas 77032, United States of America.

to represent the undersigned before

- all the competent International Authorities  
 the International Searching Authority only  
 the International Preliminary Examining Authority only

in connection with the international application identified below:

Title of the invention: MONTE CARLO MODELING OF THORIUM BLANKET FIELD CALIBRATORS


Applicant's or agent's file reference: 7523.1904W001 (2016-IPM-100870 U1 PCT)

International application number (if already available): PCT/US2017/050125

filed with the following Office US as receiving Office  
and to make or receive payments on behalf of the undersigned.

Signature of the applicant(s) (where there are several applicants, each of them must sign; next to each signature, indicate the name of the person signing and the capacity in which the person signs, if such capacity is not obvious from reading the request or this power)

HALLIBURTON ENERGY SERVICES, INC.



Date

9/28/2017

Name: Clive D. Menezes

Title: Senior Vice President and Chief Patent Counsel