

**PROVISIONAL APPLICATION FOR PATENT COVER SHEET – Page 1 of 2**

This is a request for filing a PROVISIONAL APPLICATION FOR PATENT under 37 CFR 1.53(c).

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<b>INVENTOR(S)</b>		
Given Name (first and middle [if any])	Family Name or Surname	Residence (City and either State or Foreign Country)
Brian	Rutherford	Wimberley, Texas
Additional inventors are being named on the _____ separately numbered sheets attached hereto.		
<b>TITLE OF THE INVENTION (500 characters max):</b>		
DELIBERATE ERROR TOLERANCE ARCHITECTURE (DETA) FOR ULTRA-LOW LATENCY QUANTUM-INSPIRED THREAT DETECTION WITH CONTROLLED ACCURACY TRADEOFFS		
Direct all correspondence to: <b>CORRESPONDENCE ADDRESS</b> <input checked="" type="checkbox"/> The address corresponding to Customer Number: <span style="border: 1px solid black; padding: 5px; display: inline-block; width: 200px; text-align: center;">210482</span>  <b>OR</b> <input type="checkbox"/> Firm or Individual Name _____ Address _____ City _____ State _____ Zip _____ Country _____ Telephone _____ Email _____		
<b>ENCLOSED APPLICATION PARTS (check all that apply)</b>		
<input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76. <span style="float: right;"><input type="checkbox"/> CD(s), Number of CDs _____</span> <input checked="" type="checkbox"/> Drawing(s) Number of Sheets <u>5</u> <span style="float: right;"><input type="checkbox"/> Other (specify) _____</span> <input checked="" type="checkbox"/> Specification (e.g., description of the invention) Number of Pages <u>2</u>		
<b>Fees Due:</b> Filing Fee of \$325 (\$130 for small entity) (\$65 for micro entity). If the specification and drawings exceed 100 sheets of paper, an application size fee is also due, which is \$450 (\$180 for small entity) (\$90 for micro entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).		
<b>METHOD OF PAYMENT OF THE FILING FEE AND APPLICATION SIZE FEE FOR THIS PROVISIONAL APPLICATION FOR PATENT</b>		
<input type="checkbox"/> Applicant asserts small entity status. See 37 CFR 1.27. <input checked="" type="checkbox"/> Applicant certifies micro entity status. See 37 CFR 1.29. Applicant must attach form PTO/SB/15A or Bor equivalent. <input type="checkbox"/> A check or money order made payable to the <i>Director of the United States Patent and Trademark Office</i> is enclosed to cover the filing fee and application size fee (if applicable). <input checked="" type="checkbox"/> Payment by credit card. Form PTO-2038 is attached. <input type="checkbox"/> The Director is hereby authorized to charge the filing fee and application size fee (if applicable) or credit any overpayment to Deposit Account Number: _____		

\$65.00

**TOTAL FEE AMOUNT (\$)****USE ONLY FOR FILING A PROVISIONAL APPLICATION FOR PATENT**

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*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*

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The invention was made by an agency of the United States Government or under a contract with an agency of the United States Government. (NOTE: Providing this information on a provisional cover sheet, such as this Provisional Application for Patent Cover Sheet (Form PTO/SB/16), does not satisfy the requirement of 35 U.S.C. 202(c)(6), which requires that the *specification* contain a statement specifying that the invention was made with Government support and that the Government has certain rights in the invention.)



No.



Yes, the invention was made by an agency of the U.S. Government. The U.S. Government agency name is:

\_\_\_\_\_



Yes, the invention was made under a contract with an agency of the U.S. Government.

The contract number is: \_\_\_\_\_

The U.S. Government agency name is: \_\_\_\_\_

\_\_\_\_\_

In accordance with 35 U.S.C. 202(c)(6) and 37 CFR 401.14(f)(4), the specifications of any United States patent applications and any patent issuing thereon covering the invention, including the enclosed provisional application, must state the following:

“This invention was made with government support under [IDENTIFY THE CONTRACT] awarded by [IDENTIFY THE FEDERAL AGENCY]. The government has certain rights in the invention.”

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SIGNATURE /Brian Rutherford/ DATE 8/20/2015

TYPED OR PRINTED NAME Brian Rutherford REGISTRATION NO. \_\_\_\_\_  
(if appropriate)

TELEPHONE 512-648-0219 DOCKET NUMBER RUTHERFORD-016-PROV

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