**PROVISIONAL APPLICATION FOR PATENT COVER SHEET**

**Page 1 of 1**

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



**INVENTOR(S)/APPLICANT(S)**

**Given Name:** Brian James

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**TITLE OF THE INVENTION (500 characters max)**

**DELIBERATE ERROR TOLERANCE ARCHITECTURE (DETA) FOR ULTRA-LOW LATENCY QUANTUM-INSPIRED THREAT DETECTION WITH CONTROLLED ACCURACY TRADEOFFS**



**DOCKET NUMBER**

**RUTHERFORD-016-PROV**



**ENTITY STATUS**

* Large Entity
* Small Entity (verified status)

* **Micro Entity** (Certification attached - Form SB/15A)



**APPLICATION ELEMENTS**

**Check all that apply:**

* **Specification** Number of Pages: **45**
* **Drawing(s)** Number of Sheets: **5** ☐ CD(s), Number of CDs: \_\_\_



**APPLICATION PARTS**

The following parts of this provisional application are attached hereto:

* Written Specification (including description and claims)
* Drawings (informal)
* Application Data Sheet (ADS)
* Certification of Micro Entity Status



**SIGNATURE**

**Signature:** /Brian James Rutherford/

**Name:** Brian James Rutherford

**Registration Number:** Pro Se Inventor

**Date:** [Current Date]

**Telephone:** (512) 648-0219



**METHOD OF PAYMENT**

* The Director is hereby authorized to charge the filing fee and any additional fees or credit any overpayment to:

**EFS-Web Online Payment**



**FEE CALCULATION**

**Basic Filing Fee (Micro Entity):**

Provisional Application Filing Fee: $75.00



**Total Fee:** $75.00



**EFS-Web Filing Reference:** To be assigned

**Confirmation Number:** To be assigned upon submission