

# APPLICATION DATA SHEET

37 CFR 1.76

**Application Type:** Provisional

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## Application Information

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

**Attorney Docket Number:** RUTHERFORD-016-PROV

**Filing Date:** [To be assigned by USPTO]

**Application Type:** Provisional Application

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## Applicant Information

### Applicant 1

**Applicant Authority:** Inventor

**Prefix:** Mr.

**Given Name:** Brian

**Middle Name:** James

**Family Name:** Rutherford

**Suffix:**

### Residence Information:

- **City:** Wimberley
- **State/Province:** TX
- **Country:** US
- **Postal Code:** 78676-3114

**Citizenship:** United States of America

### Mailing Address:

- **Address Line 1:** 6 Country Place Drive
- **City:** Wimberley

- **State/Province:** TX
- **Postal Code:** 78676-3114
- **Country:** US

**Inventor:** Yes

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## Correspondence Information

**Name:** Brian James Rutherford

**Address Line 1:** 6 Country Place Drive

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**Postal Code:** 78676-3114

**Country:** US

**Phone Number:** (512) 648-0219

**Email Address:** [Actual@ScrappinR.com](mailto:Actual@ScrappinR.com)

**Authorization to Communicate via Email:** Yes

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## Application Classification

### Suggested Classification

**Class:** 706 - Data Processing: Artificial Intelligence

**Subclass:** 52 - Neural Network

### Alternate Classifications

1. **Class:** 380 - Cryptography  
**Subclass:** 44 - Particular algorithmic function encoding
  2. **Class:** 726 - Information Security  
**Subclass:** 23 - Intrusion detection
  3. **Class:** 398 - Optical Communications  
**Subclass:** 45 - Optical computing
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## Technology Center

**Suggested Technology Center:** 2400 (Computer Networks, Multiplex, Cable, and Cryptography/Security)

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## Foreign Priority Information

No foreign priority is claimed

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## Assignee Information

**Not Applicable** (No assignment has been made)

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## Representative Information

**Pro Se Inventor** (Inventor proceeding without attorney)

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## Domestic Priority Information

**This application does not claim priority to any prior applications**

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## Foreign Filing License

**The filing of this provisional application does not constitute a request for foreign filing license**

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## Certification Statement

By submission of this Application Data Sheet, the undersigned certifies that:

1. The information provided in this Application Data Sheet is true and correct to the best of my knowledge and belief
  2. I understand that any willful false statement made in this document is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five years, or both
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## Signature

**Signature:** /Brian James Rutherford/

**Name:** Brian James Rutherford

**Date:** [Current Date]

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## Declaration

I hereby declare that:

- I am the original inventor of the subject matter which is claimed and for which a patent is sought

- I have reviewed and understand the contents of the specification and claims
- I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56

**Executed:** [Current Date]

**By:** /Brian James Rutherford/