PROVISIONAL APPLICATION FOR PATENT COVER SHEET

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
Family Name: Rutherford
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State: TX
Country: US
Postal Code: 78676-3114

CORRESPONDENCE ADDRESS

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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