PROVISIONAL APPLICATION FOR PATENT COVER SHEET

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This is a request for filing a PROVISIONAL APPLICATION under 37 CFR 1.53(b)(2)

INVENTOR(S)

Given Name: Brian
Family Name: Rutherford
Residence: Wimberley, TX
Country of Citizenship: United States

TITLE OF INVENTION (500 characters max)

Automated Vulnerability Discovery and Security Validation System for Post-Quantum Cryptographic Implementations Using GPU-Accelerated Quantum Attack Simulation

CORRESPONDENCE ADDRESS

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ENTITY STATUS

☑ **MICRO ENTITY** - Applicant certifies micro entity status. See 37 CFR 1.29.
☐ SMALL ENTITY
☐ LARGE ENTITY

APPLICATION ELEMENTS

Check all that apply: ☑ Specification - Number of Pages: 45
☑ Drawing(s) - Number of Sheets: 7
☑ Application Data Sheet. See 37 CFR 1.76

FILING FEE CALCULATION

Micro Entity Status (37 CFR 1.29)

- Basic Filing Fee (37 CFR 1.16(d)): $75

- Search Fee: $0 (not required for provisional)

- Examination Fee: $0 (not required for provisional)
  TOTAL FEE: $75

METHOD OF PAYMENT

☐ Check or money order enclosed

☐ Credit Card (Form PTO-2038 attached)

☑ Payment via EFS-Web

DOCKET NUMBER

RUTHERFORD-012-PROV

SIGNATURE

/s/ Brian Rutherford/

Brian Rutherford, Inventor

Date: [Current Date]

Registration Number: Pro Se

EFS-Web filing date will be accorded