

DECLARATION FOR PROVISIONAL PATENT APPLICATION

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Application Number: [TO BE ASSIGNED]

Filing Date: [CURRENT DATE]

First Named Inventor: Brian James Rutherford

Attorney Docket No: RUTHERFORD-013_PROV

Title of Invention:

Federated Quantum Threat Intelligence Network with Privacy-Preserving Multi-Organization Protocols, Zero Trust Architecture, Quantum-Verified Incident Response with Optimized Latency, and Quantum Homomorphic Encryption

As the below named inventor, I hereby declare that:

1. RESIDENCE AND CITIZENSHIP

My residence, mailing address, and citizenship are as stated below next to my name.

2. ORIGINAL AND FIRST INVENTOR

I believe that I am the original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

"Federated Quantum Threat Intelligence Network with Privacy-Preserving Multi-Organization Protocols, Zero Trust Architecture, Quantum-Verified Incident Response with Optimized Latency, and Quantum Homomorphic Encryption"

3. SPECIFICATION

The specification of which:

- ☒ **is attached hereto**
- ☐ was filed on _____ as Application Number _____

4. REVIEW AND UNDERSTANDING

I have reviewed and understand the contents of the above-identified specification, including the claims.

5. DUTY TO DISCLOSE

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR 1.56.

6. FOREIGN APPLICATIONS

☒ **No foreign patent applications have been filed for this invention**

☐ The following foreign applications have been filed: _____

7. PRIOR DISCLOSURES

☒ **No public disclosures of this invention have been made**

☐ The following public disclosures have been made: _____

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8. GOVERNMENT INTEREST

☒ **This invention was NOT made under any federally sponsored research and development**

☐ This invention was made under federally sponsored research under Grant No. _____

9. JOINT INVENTORS

☒ **I am the sole inventor**

☐ Joint inventors are listed below: _____

10. PRIOR APPLICATIONS

☒ **No prior applications have been filed for this invention**

☐ The following prior applications have been filed: _____

11. ASSIGNMENT

☒ **The invention has not been assigned**

☐ The invention has been assigned to: _____

12. ENTITY STATUS

☒ **I qualify for micro entity status under 37 CFR 1.29(a)**

☐ I qualify only for small entity status under 37 CFR 1.27

WARNING

Willful false statements are punishable by fine or imprisonment, or both (18 U.S.C. 1001), and may jeopardize the validity of the application or any patent issuing thereon.

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

INVENTOR INFORMATION

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SIGNATURE

Inventor's Signature: /Brian James Rutherford/

Date: [CURRENT DATE]

END OF DECLARATION