

INVENTOR'S DECLARATION

For Provisional Patent Application

Docket No. RUTHERFORD-015-PROV

DECLARATION FOR PROVISIONAL PATENT APPLICATION

DECLARATION STATEMENT

I, **Brian James Rutherford**, hereby declare and state the following:

1. INVENTORSHIP

I declare that:

☒ I am the **sole and original inventor** of the subject matter claimed and described in the provisional patent application titled:

"Ultra-Low Latency Quantum-Inspired Decision Engine with Deliberate Accuracy Optimization for Real-Time Cybersecurity Defense"

Attorney Docket Number: **RUTHERFORD-015-PROV**

☒ I have reviewed and understand the contents of the above-identified provisional patent application, including the specification and any drawings filed herewith.

☒ I believe that I am the original and first inventor of the subject matter which is claimed and for which a patent is sought.

2. PRIOR APPLICATIONS

I declare that:

☒ This provisional application is the **first filing** for this invention in the United States or any foreign country.

☒ I have not previously filed any patent applications for this invention.

☒ No priority is claimed to any earlier applications.

3. DISCLOSURE OBLIGATIONS

I acknowledge and understand:

☒ 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, including:

- Prior art references known to me
- Previous public disclosures
- Offers for sale or public use
- Related publications or presentations

☒ This duty continues throughout the pendency of any non-provisional application claiming priority to this provisional application.

☒ Failure to comply with the duty of disclosure may result in the patent being held unenforceable.

4. FOREIGN FILING

I acknowledge that:

☒ I understand the requirements of 35 U.S.C. § 184 regarding foreign filing licenses.

☒ I will not file this invention in any foreign country prior to six months after filing in the United States without obtaining a foreign filing license or until a notice granting such license has been given.

☒ Violation of this provision can result in loss of patent rights and criminal penalties.

5. ASSIGNMENTS AND OBLIGATIONS

I declare that:

☒ I have **not assigned, granted, conveyed, or licensed** any rights in this invention to any person or entity.

☒ I am **not under any obligation** to assign, grant, convey, or license any rights in this invention to any person or entity.

☒ I am the **sole owner** of all rights, title, and interest in and to this invention.

☒ There are no outstanding agreements, contracts, or obligations that would prevent me from granting rights to this invention.

6. GOVERNMENT RIGHTS

I declare that:

- ☒ This invention was **not made** with United States Government support.
 - ☒ The Government has **no rights** in this invention.
 - ☒ This invention was **not made** under any Government contract, grant, or cooperative agreement.
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7. BEST MODE

I declare that:

- ☒ The specification contains what I believe to be the **best mode** contemplated for carrying out the invention at the time of filing this application.
 - ☒ I have not knowingly withheld any preferred embodiments or better modes of practicing the invention.
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8. TRUTHFULNESS OF STATEMENTS

I hereby declare that:

- ☒ All statements made herein of my own knowledge are **true**.
 - ☒ All statements made on information and belief are **believed to be true**.
 - ☒ These statements were made with the knowledge that **willful false statements** and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001.
 - ☒ Such willful false statements may jeopardize the validity of the application or any patent issued thereon.
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9. LEGAL ACKNOWLEDGMENTS

I understand and acknowledge that:

- ☒ Any willfully false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both.
 - ☒ Any patent obtained through fraud or misrepresentation may be held invalid and unenforceable.
 - ☒ I have a continuing duty to inform the USPTO of any changes to the information provided herein.
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10. INVENTOR INFORMATION

Full Legal Name: Brian James Rutherford

Citizenship: United States of America

Residence Address:

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United States

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11. PROVISIONAL APPLICATION SPECIFICS

Application Title: Ultra-Low Latency Quantum-Inspired Decision Engine with Deliberate Accuracy Optimization for Real-Time Cybersecurity Defense

Docket Number: RUTHERFORD-015-PROV

Filing Date: _____

Number of Pages of Specification: 85

Number of Sheets of Drawings: 15

Number of Claims (preliminary): 20

12. SIGNATURE

By signing below, I certify that I have read and understood the contents of this declaration, and that all information provided is true and correct to the best of my knowledge and belief.

Printed Name: Brian James Rutherford

Signature: /Brian James Rutherford/

Date: _____

Title: Inventor/Applicant

WITNESS (Optional)

Although not required for provisional applications, this declaration was signed in the presence of:

Witness Name: _____

Witness Signature: _____

Date: _____

NOTARIZATION (Optional)

State of Texas

County of Hays

On this ____ day of _____, **20**, before me personally appeared Brian James Rutherford, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of Texas that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Notary Public

My Commission Expires: _____

[SEAL]

END OF DECLARATION

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