

# PROVISIONAL APPLICATION FOR PATENT COVER SHEET

## Form PTO/SB/16 (07-17)

This is a request for filing a PROVISIONAL APPLICATION FOR PATENT under 37 CFR 1.53(c).

---

### INVENTOR(S)

**Given Name:** Brian

**Middle Name:** James

**Family Name:** Rutherford

**Suffix:**

**Residence:** Wimberley, TX

**Country of Citizenship:** US

### Mailing Address:

6 Country Place Drive

Wimberley, TX 78676-3114

United States

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

**Telephone:** (512) 648-0219

---

### TITLE OF INVENTION (500 characters max)

**Culturally-Adaptive Differential Privacy System with Federated Learning for Multi-Jurisdictional Threat Intelligence Sharing Among Defensive AI Agent Networks**

---

### CORRESPONDENCE ADDRESS

**Name:** Brian James Rutherford

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

**City:** Wimberley

**State:** TX

**ZIP:** 78676-3114

**Country:** United States

**Telephone:** (512) 648-0219

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

---

## ENTITY STATUS (Check one)

- ☐ Large Entity
  - ☐ Small Entity
  - ☒ **Micro Entity** (Certification attached)
- 

## APPLICATION ELEMENTS

**Check all that apply:**

- ☒ **Specification** Number of Pages: 125
  - ☒ **Drawing(s)** Number of Sheets: 10
  - ☐ Nucleotide and/or Amino Acid Sequence Submission
  - ☐ Computer Readable Form (CRF)
- 

## FILING FEE CALCULATION

**Entity Status:** Micro Entity

**Basic Filing Fee:** \$75

**Search Fee:** \$0 (Not required for provisional)

**Examination Fee:** \$0 (Not required for provisional)

**TOTAL FEE:** \$75

---

## METHOD OF PAYMENT

- ☒ The Director is hereby authorized to charge the filing fee to:

**Deposit Account Number:** [To be provided during online filing]

- ☒ Credit Card (Via USPTO online system)
  - ☐ Check or Money Order
- 

## DOCKET NUMBER (Optional)

**RUTHERFORD-017-PROV**

---

## SIGNATURE

I hereby declare that I am:

- ☒ The inventor
- ☐ Authorized to act on behalf of the inventor

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 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**Signature:** /Brian James Rutherford/

**Date:** [Current Date]

**Name:** Brian James Rutherford

**Registration Number:** Pro Se Inventor

---

**WARNING:** Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application.