

# PROVISIONAL APPLICATION FOR PATENT COVER SHEET

USPTO Form PTO/SB/16 Equivalent

## APPLICATION DATA

Field	Value
Application Type	Provisional Application for Patent
Title of Invention	Systems and Methods for Grammar-Constrained Code Generation and Execution on Resource-Limited Embedded Devices
Attorney Docket Number	KK-2025-PROV-001
Express Mail Label No.	N/A (Electronic Filing)

## INVENTOR(S)

Inventor 1 (Primary)

Field	Value
Legal Name	Haim David Silver
Residence (City, State, Country)	Poughkeepsie, NY, USA
Mailing Address	7 Bancroft Rd
City	Poughkeepsie

Field	Value
State	NY
ZIP Code	12601
Country	USA
Citizenship	United States

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## CORRESPONDENCE ADDRESS

Field	Value
Name	Haim David Silver
Company	Kernel Keys LLC
Address	7 Bancroft Rd
City	Poughkeepsie
State	NY
ZIP Code	12601
Country	USA
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## APPLICATION FILING FEE

Fee Type	Entity Status	Amount
Provisional Filing Fee	Small Entity	\$160
Provisional Filing Fee	Micro Entity	\$80

**Claimed Entity Status:** ☒ Small Entity (fewer than 500 employees)

**Qualification:** *Kernel Keys LLC qualifies as a Small Entity under 37 CFR 1.27 — the company has fewer than 500 employees and has not assigned, granted, conveyed, or licensed rights in the invention to any entity that would not qualify as a small entity.*

## DOCUMENTS INCLUDED

Document	Pages	Included
Specification	~12	<input checked="" type="checkbox"/>
Claims (informal/claim-like language)	~3	<input checked="" type="checkbox"/>
Drawings (5 figures)	5	<input checked="" type="checkbox"/>
Cover Sheet (this document)	1	<input checked="" type="checkbox"/>
Application Data Sheet (ADS)	—	<input type="checkbox"/> Optional for provisional

## DECLARATION

This provisional application is being filed by the inventor(s) named above. The inventor(s) believe they are the original inventor(s) of the subject matter claimed.

## SIGNATURE

Field	Value
Signature	/Haim David Silver/
Name	Haim David Silver
Date	_____
Registration No.	N/A (Pro Se Filing)

## FILING INSTRUCTIONS

### USPTO Patent Center Filing Steps:

1. Go to <https://patentcenter.uspto.gov>
2. Create account or log in
3. Select "New Submission" → "Provisional Application"
4. Upload:
  5. This cover sheet (PDF)
  6. Specification document (PDF)
  7. Drawings (PDF) — when ready
8. Pay filing fee (\$160 small entity)
9. Receive confirmation and Application Number

### Important Dates:

Event	Date
Filing Date	[To be assigned]
Priority Date Established	Same as filing date
12-Month Deadline	

Event	Date
	File non-provisional or PCT within 12 months to claim priority

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## NOTES

- Provisional applications are NOT examined
- No claims required, but claim-like language strengthens priority support
- 12-month pendency — must file non-provisional to proceed to examination
- SBIR/STTR: Filing provisional before Phase I award demonstrates IP ownership

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*Generated: December 2025 Docket: KK-2025-PROV-001*