

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

CORRESPONDENCE ADDRESS

Field	Value
Name	Haim David Silver
Company	Kernel Keys LLC
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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

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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