

# PROVISIONAL APPLICATION FOR PATENT COVER SHEET

(37 CFR 1.51(c)(1) — PTO/SB/16 Equivalent)

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## TITLE OF INVENTION:

Systems and Methods for Grammar-Constrained Code Generation and Execution on  
Resource-Limited Embedded Devices

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## INVENTOR(S)

Name	Residence	Citizenship
Haim David Silver	Poughkeepsie, NY, USA	United States

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## CORRESPONDENCE ADDRESS

Name	Haim David Silver
Company	Kernel Keys LLC
Street Address	7 Bancroft Rd
City, State, ZIP	Poughkeepsie, NY 12601
Country	USA
Telephone	+1-929-782-2060
Email	silverdavi@gmail.com

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## ENTITY STATUS

☒ **Small Entity** — Applicant qualifies as a small entity under 37 CFR 1.27.

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## SPECIFICATION AND DRAWINGS

The attached specification and drawings are to be considered part of this provisional application.

Document	Pages
Specification	12
Drawings	5
Claims (informal)	8

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## SIGNATURE

The undersigned, being the inventor named above, hereby declares that this provisional application is made in good faith and that the inventor(s) believe they are the original inventor(s) of the subject matter disclosed.

Signature	/Haim David Silver/ Haim David Silver
Printed Name	Haim David Silver
Date	<b>Nov 30, 2025</b>

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**Docket No.:** KK-2025-PROV-001