

# PROVISIONAL APPLICATION FOR PATENT COVER SHEET

Form SB/16 (37 CFR 1.51(c))

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

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## INVENTOR(S)

Field	Value
Given Name	Ty
Family Name	Wells
City	[TO BE FILLED]
State	[TO BE FILLED]
Country	US
Citizenship	US

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## TITLE OF THE INVENTION

System and Method for Iterative Formal Verification of AI-Generated Code Using a Hallucination-Verification Loop

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## CORRESPONDENCE ADDRESS

Field	Value
Name	Ty Wells
Address	[TO BE FILLED]
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State	[TO BE FILLED]
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## ENTITY STATUS

- ☒ Micro Entity (37 CFR 1.29)  
☐ Small Entity (37 CFR 1.27)

## CERTIFICATION OF MICRO ENTITY STATUS

The applicant hereby certifies the following:

1. The applicant qualifies as a small entity as defined in 37 CFR 1.27.
2. The applicant has not been named as inventor on more than four previously filed patent applications (excluding provisional applications, foreign patent applications, and PCT international applications for which basic filing fees were not paid to the USPTO).
3. The applicant did not have a gross income exceeding three times the median household income in the calendar year preceding the calendar year in which the application is filed.
4. The applicant has not assigned, granted, or conveyed (and is not under obligation to do so) a license or ownership interest in the application to an entity that had a gross income exceeding three times the median household income.

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## ENCLOSED DOCUMENTS

Document	Pages
Specification	10
Claims (informal, for reference)	7
Drawings (7 figures)	7
Application Data Sheet	[included separately]

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## FILING FEE

Fee Type	Amount
Basic filing fee (micro entity)	\$65.00
<b>Total</b>	<b>\$65.00</b>

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## DOCKET NUMBER (optional)

LUCID-PROV-2026-001

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*Date:* \_\_\_\_\_

*Signature:* \_\_\_\_\_

*Typed Name:* Ty Wells