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SPEC ID       : QLA-BP-000000002003                                RESONANCE     : 9.2 / 10.0 CR
ATTRIBUTED TO : Sam Richardson & Matt Monahan                      CALIBRATED    : 2026-11-07
NODE ENDPOINT : https://qualia-teal.vercel.app/idea/b0000000-0000-0000-0000-000000002003
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Cryo-Lupulin Fractionation Kit

[THE MECHANICS:]

The system utilizes a proprietary, home-scale cryogenic separation vessel designed to interface with standard 16oz "All Green" can formats. The hardware consists of a vacuum-insulated, nitrogen-chilled stainless steel canister that houses a micro-mesh filtration centrifuge. Users deposit a standard Other Half hazy IPA into the chamber, which is then subjected to a rapid thermal-acoustic cycle. This separates the suspended volatile lupulin oils and concentrated cryo-hop solids from the fermented base, effectively partitioning the beer into a hyper-aromatic hop essence concentrate and a clarified, low-ABV malt liquid.

The secondary component is a digital authentication layer via an NFC-embedded base plate that tracks the "Extraction Batch ID." Each home-processed extraction generates a unique cryptographic hash on a private ledger, allowing the user to mint a digital "Fractionalized Asset" representing the specific hop-oil profile achieved. This creates a secondary market for rare, home-isolated aromatic profiles, turning a one-time beverage purchase into a continuous, iterative experimentation cycle that feeds back into the brewery's R&D data set.

[UTILITARIAN VALUE:]

This architecture transforms the customer from a passive consumer into an active participant in the hop-extraction supply chain, significantly increasing the lifetime value of every unit sold. By enabling users to isolate and trade proprietary hop fractions, Other Half captures high-margin hardware revenue while simultaneously sourcing crowdsourced sensory data on hop performance across diverse home environments, drastically shortening the R&D feedback loop for future commercial releases.

[TARGET ECOSYSTEM:]

High-intent "hype-culture" craft beer collectors and experimental home-brewers within the existing Other Half direct-to-consumer shipping corridor.

INTERACTIVE 3D TERMINAL & SOVEREIGN CRAFT ECOSYSTEM LINKS

1. Inspect Live 3D Simulation, Crash-Test BOM & 1-Click Claim/Delist:
   https://qualia-teal.vercel.app/idea/b0000000-0000-0000-0000-000000002003
2. Commission Verified Modular Sound & 3D Artisans (USD Bounties on Roily):
   https://roily-app.vercel.app/?tab=feed
3. Source Direct B2B Manufacturing & Code Execution (0% Tax on DealOff):
   https://deal-off.vercel.app/?from=qualia&title=Cryo-Lupulin%20Fractionation%20Kit&bounty=250
4. Hardware Unit-Economics Essays & Original Books by C.J. Night:
   https://cjnight.substack.com