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SPEC ID       : QLA-BP-000000001502                                  RESONANCE     : 9.3 / 10.0 CR
ATTRIBUTED TO : Nick & Steve Tidball                                    CALIBRATED    : 2026-11-06
NODE ENDPOINT : https://qualia-teal.vercel.app/idea/b0000000-0000-0000-0000-000000001502
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Isotopic Thermal Regolith

[THE MECHANICS:]

The implementation utilizes a dual-layer graphene-lattice chassis embedded with vacuum-sealed, phase-change micro-capsules containing synthetic paraffin wax doped with isotopic tracers. The garment functions as a passive heat-sink and radiator; during high-exertion, the graphene mesh conducts excess kinetic thermal energy away from the core, liquefying the paraffin to store latent heat. As environmental temperatures plummet toward sub-zero, the lattice undergoes a structural shift, triggering the exothermic crystallization of the wax to release stored thermal energy back into the micro-climate layer.

The physical architecture is reinforced by a woven ceramic-fiber exterior that provides structural rigidity against high-velocity particulate abrasion. Integrated within the collar and cuffs are piezoelectric filaments that harvest ambient movement, powering a thin-film RFID sensor array. This sensor suite logs thermodynamic telemetry, syncing with a proprietary digital ledger that verifies the garment's operational lifespan and environmental exposure history, creating a verified provenance record for the asset.

[UTILITARIAN VALUE:]

This system transforms apparel from a passive textile into a high-performance thermodynamic instrument, justifying a 500% premium over current tactical outerwear. By quantifying performance data through the integrated ledger, the product creates an exclusive resale market for "provenance-verified" gear, allowing Vollebak to capture residual value through secondary-market transaction fees while solidifying its position as the primary provider of mission-critical equipment for extreme planetary environments.

[TARGET ECOSYSTEM:]

High-net-worth extreme-environment explorers and private-sector aerospace personnel operating in subterranean or extra-planetary micro-climates.

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/b0000000-0000-0000-0000-000000001502
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=Isotopic%20Thermal%20Regolith&bounty=250
4. Hardware Unit-Economics Essays & Original Books by C.J. Night:
   https://cjnight.substack.com