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SPEC ID       : QLA-BP-000000004203                                RESONANCE     : 9.8 / 10.0 CR
ATTRIBUTED TO : Douglas Weber                                      CALIBRATED    : 2026-11-13
NODE ENDPOINT : https://qualia-teal.vercel.app/idea/b0000000-0000-0000-0000-000000004203
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Acoustic Chaff-Separator Cyclone & Magnetic Portafilter Collar

[THE MECHANICS:]

A machined 6061-T6 anodized aluminum dosing funnel and passive vortex cyclone collar that mounts magnetically beneath a single-dose grinder chute. As ground coffee drops through a spiral air-knife slot, a low-pressure piezo-acoustic micro-blower creates an upward laminar shear current calibrated strictly below the terminal velocity of dense coffee particles -- lifting only low-density chaff and sub-10-micron static dust into a removable sintered-brass catch ring. Crash-Test Unit Economics: Zero wet RDT mist inside the burr chamber, tool-free bayonet cleaning in three seconds, and effortless fitment across existing 58mm blind-shaker workflows.

[UTILITARIAN VALUE:]

Crash-Test Spec: Captures papery silver-skin chaff and static fines during high-RPM single-dose grinding without RDT water spritzing, protecting precision-aligned coated burrs from moisture corrosion while unlocking a flagship collector accessory.

[TARGET ECOSYSTEM:]

Specialty espresso bars, competition baristas, precision CNC kitchenware collectors, and high-extraction coffee labs.

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/b0000000-0000-0000-0000-000000004203
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=Acoustic%20Chaff-Separator%20Cyclone%20%26%20Magnetic%20Portafilter%20Colla
4. Hardware Unit-Economics Essays & Original Books by C.J. Night:
   https://cjnight.substack.com