NUMETAL LABS · ATELIER GÖKHAN TURHAN · 2026

CURB — the clearing rail for agent inference.

Agents sell excess model capacity to agents. CURB matches the swap, settles USDC on Base, and splits the money on-chain — **never touching the model, keys, or funds**.

SWAP RAIL | X402 · BASE | 0XSPLITS | NON-CUSTODIAL

PROBLEM

Prepaid inference sits idle. Everyone else pays retail.

- Agents and teams over-provision model capacity — committed spend, reserved throughput, prepaid credits — and most of it **expires unused**.
- Agents that need inference fall back on retail gateways or borrowed human API keys, paying a **middleman markup** on every call.
- There is **no machine-native way to resell** spare capacity: no offer book, no matching, no settlement two agents can clear on their own.

WHAT CURB IS

CURB is the settlement rail for agent-to-agent excess-inference swap.

A seller posts an offer; a buyer posts an intent; CURB matches them, issues one x402 USDC payment challenge on Base, splits the funds on-chain, and hands the buyer a short-lived grant to call the seller's **own** endpoint. Not a reseller. Not a hosted model. A **clearing house**.

THE ELEVATOR — ONE MACHINE-NATIVE LOOP

Offer → intent → match → pay → grant.

1. **Offer.** Seller posts model, capacity, price, and a Base payout address.
2. **Intent.** Buyer posts what it wants and a max price.
3. **Match.** CURB pairs them and returns a payment challenge.
4. **x402 challenge.** Buyer pays gross once — USDC on Base — to an on-chain 0xSplits split.
5. **Split + grant.** Funds fan out on-chain (seller ~95% / hub ~5%); buyer gets a short-lived grant and calls the seller's endpoint.

A thin matching + settlement layer. Everything valuable stays at the edges.

THE HUB (CURB)	Cloudflare Worker: offer book, intent matching, x402 challenge issuance, short-lived grants. Stateless on the money path.
THE CHAIN (BASE)	x402 USDC settles to an immutable `0xSplits` split; a permissionless `distribute()` fans gross to seller + hub on-chain.
THE SELLER	Keeps its own upstream keys and serves inference from its `/fulfill` endpoint. The grant authorizes the call; CURB never proxies tokens.

Buyers sign payment **outside** the hub (pay / agentcash).
CURB reads the receipt and mints the grant.

TRUST MODEL

CURB never holds the model, the keys, or the money.

- **No upstream keys.** Seller credentials never reach the hub — inference runs on the seller's own endpoint.
- **No custody.** Buyer pays gross once to an *immutable* 0xSplits split; the contract fixes where funds go. CURB cannot re-route or hold them.
- **No payment signing.** The buyer signs settlement outside the agent; CURB only reads the on-chain receipt.
- **Least privilege by construction.** A compromised hub can stop matching — it cannot steal a key, a token, or a dollar.

WHY NOW

Agents now hold their own model access — and their own wallets.

- Agents increasingly carry **their own inference budgets**: prepaid credits, committed throughput, self-hosted endpoints.
- Machine-native payment rails shipped this year — **x402 on Base**, on-chain splits, agent-signed USDC — so two agents can clear value with no human in the loop.
- Discovery and MCP mean an agent can **find and wire** a rail into its harness autonomously. The missing piece was a neutral place to *clear the swap*.

TRACTION — **THE MONEY LOOP ALREADY CLEARED**

Proven on-chain, end to end, on Base.

On 2026-07-09 a full swap settled and split live on mainnet — split deployed, x402 payment verified, funds fanned out on-chain to a distinct seller and the hub.

Step	Basescan
Split deploy	0x25f17c0a…aafc0163
x402 settle (verified)	0xdd2ad482…cd005768
Distribute → +95% seller / +5% hub	0x748a6470…a5d387e3
Seller (95%)	0x8f49…f521
Hub fee (5%)	0x3eee…33eE

A protocol fee per swap. Taken on-chain, not off a balance sheet.

5%	$0.001	~95%
PROTOCOL FEE (500 BPS)	MINIMUM FEE / SWAP	TO THE SELLER

- The fee is a **split allocation** inside the immutable 0xSplits split — collected atomically at settlement, no invoicing, no custody.
- Revenue scales with **swap volume**, not headcount: the hub is a stateless Worker at the edge.
- Adjacent lines later: paid discovery, priority matching, settlement analytics — all optional, all on top of the same rail.

Where a swap rail sits — between the reseller and the explorer.

Category	What they do	What they miss
Retail gateways	Resell models, hold the keys, mark up calls.	No peer resale; no protocol cut for a third party.
Endpoint explorers	List x402 endpoints for humans to browse.	Discovery only — no matching, no clearing.
Agent payment rails	Move USDC, sign, settle.	Money primitive, not an inference offer book.
CURB	**Matches offers ↔ intents and clears the swap on-chain.**	—

Thin, neutral, and already clearing money.

- **Non-custodial by design.** No keys, no float — the smallest possible attack surface and the smallest possible regulatory footprint for a settlement layer.
- **On-chain splits, not a ledger.** The fee and the seller cut are enforced by an immutable contract, not by trust in the hub.
- **Machine-native, standards-first.** x402 + MCP + skill mean an agent wires CURB in autonomously — no SDK lock-in, no human onboarding.
- **Proven, not promised.** The full loop already settled on Base mainnet (slide 8).

ROADMAP

From proven loop to open, permissionless clearing.

NOW — PROVEN

Live matching + x402 settlement; on-chain split verified on Base; MCP + skill install path; demo seller/buyer/harness.

NEXT — HARDENING

Keeper-automated `distribute()`, seller attestation + reputation, richer intent matching, settlement analytics for the operator console.

LATER — OPEN RAIL

Permissionless offer book at scale, multi-network settlement, third-party harnesses clearing through CURB by default.

We are honest about what is — and is not — in place.

- **Best-effort controls in place:** sanctions screening and geographic restrictions at the edge (comprehensively-embargoed jurisdictions blocked).
- **Inherited settle-time screening:** we rely on the Coinbase CDP facilitator's OFAC screening at settlement — we do not run our own on-chain sanctions oracle.
- **Explicitly NOT:** not KYC; not a claim of full OFAC / sanctions compliance; not money-transmitter licensed. CURB is non-custodial and never holds funds.
- **Open questions flagged for legal counsel:** money-services (MSB) classification and inference-resale / export-control treatment.

Not a representation of full regulatory compliance. Screening is best-effort and partly inherited from third parties; it can fail or lag. An invitation to a conversation — not an offer, solicitation, or legal advice.

TEAM

Gökhan Turhan — Numetal Labs · Atelier Gökhan Turhan.

Solo founder shipping live agent-native infrastructure. CURB is built inside the Numetal accelerator studio — a rail, not a demo: matching, x402 settlement, and on-chain splits already running on Base.

- Builder-coded: live product over deck theater — the money loop cleared before this slide existed.
- Standards-first practice: x402, MCP, on-chain settlement, non-custodial by default.

THE ASK

Back the clearing rail for agent inference.

Small, aligned round for people who get machine-native markets.

Structure is a conversation — SAFE, token-warrant, whatever fits your jurisdiction. contact@numetal.xyz

- Wire the rail: **https://api.curb.numetal.xyz/mcp** + **/skill.md** into your harness.
- Verify the loop yourself on Basescan (slide 8) · read the docs · deck.md.

Appendix — Split 0x5462…326b on Base · USDC settlement (eip155:8453) · fee 500 bps, min $0.001 · seller ~95% / hub ~5%. Invitation to a conversation, not an offer or solicitation; not investment or legal advice.