

PATENT BY 3SD SOLUTIONS AND SERVICES PRIVATE LIMITED

1. **PATENT NUMBER:** 04
2. **PROVISIONAL PATENT NO:** TEMP/E-1/88368/2025-KOL
3. **APPLICATION NUMBER:** 202531079190

4. PATENT REMARKS:

SMART CONTRACT FRAMEWORK FOR CRYPTOCURRENCY-BASED ROI POOLING
AND DECENTRALIZED YIELD DISTRIBUTION

5. FIELD OF INVENTION:

This invention relates to a novel Crypto-ROI Pooling Smart Contract system that is absent in existing solutions, combining blockchain technology with tier-based liquidity pooling, automated escrow and reserve mechanisms, pro-rata to share calculations, and scheduled ROI pay outs. It enables decentralized, transparent, and secure pooling of investor funds with customizable lock periods and return structures.

6. DESCRIPTION OF PATENT:

- a) The invention is a Crypto-ROI Pooling Smart Contract that enables liquidity providers to deposit tokens into tier-based tranches with different lock periods and ROI rates.
- b) It integrates blockchain with automated escrow reserves, pro-rata to share calculations, and time-based pay outs for secure, transparent, and predictable returns.
- c) Deposits are allocated to selected tiers, funds pass through an escrow reserve for risk management, and a share calculator adjusts for fees, reserves, and tier bonuses.
- d) A pay out scheduler automates ROI disbursement or compounding at set intervals.
- e) Patent focus includes the tiered pooling structure, proprietary share formula, and withdrawal cooldown linked to ROI tiers.
- f) Benefits: flexible investment choices, reduced risk via reserves, transparent on-chain logic, and DAO-based governance for tier and pay out rules.

7. PATENT DIAGRAMS:

Diagram 1:

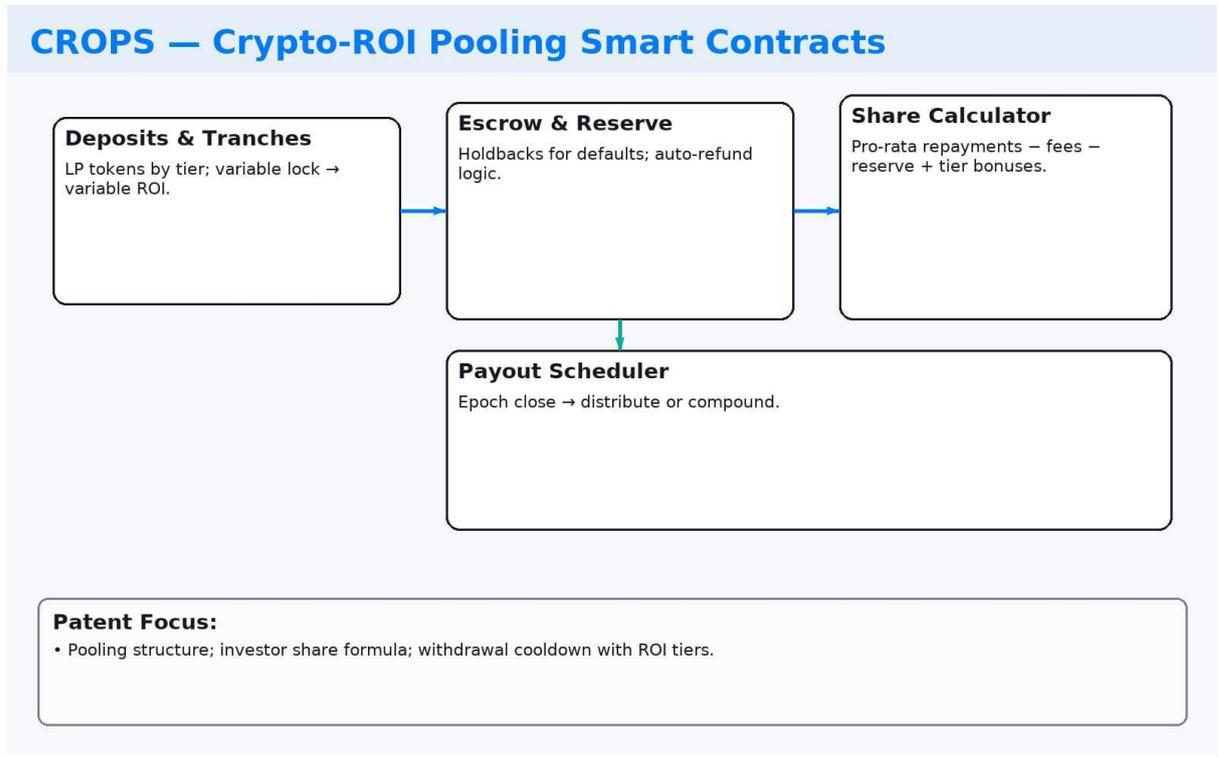


Diagram 2:

