

## Intellectual Property Declaration

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Date of Birth: 17 November 1978

Declaration Date: 03 April 2025

Project Title: Smurf Coin – Modular Cryptographic Protocol

This document certifies that the individual named above is the original creator and conceptual owner of the project referred to as 'Smurf Coin'. This idea introduces a novel cryptographic protocol based on modular arithmetic spaces, where only mathematically valid keys (i.e., those possessing modular inverses under specific moduli such as  $2^{512}$ ) are accepted into the system. The protocol is structured around dynamic, independent modular environments which act as the foundational layer for key identity, address derivation, and cryptographic operations.

Unlike traditional cryptocurrencies (e.g., Bitcoin), which rely on a single elliptic curve and a fixed modulus, Smurf Coin proposes a model where each key exists within its own modular environment. This introduces a new form of privacy, key filtering, and decentralized computation structure that is mathematically driven.

This protocol concept, including its structure, purpose, and mathematical foundation, is hereby declared as intellectual property owned by the undersigned.

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