MEGA SWAPFIELD LITEPAPER

Version 0.1

Created by INDY AND CHAOS

www.indyandchaos.com

PREAMBLE

Liquidity of an economic value belongs to its both main forming factors and real-time indicators.

Circulation of economic value is formed by supply and demand, if there is no external regulation. Sometimes classic tools used for liquidity regulation appear not to be effective enough. Programmable environment, which itself crypto space technically is, can help gain an extra fine-grained and more explicit control over liquidity in the fields where classic tools may fail.

The main purpose of the Mega Swapfield project is to have such control over liquidity of its tokens (Mega tokens).

The project is intentionally made simple in its core. Its technical basis is designed as constant, immutable and self-adjusting at responding to any possible situation on the market.

With the help of the project, market participants themselves can take part in market liquidity regulation. Though this might seem to be relevant only for small and medium markets, the project still aims to be finally adopted by the large market through the time.

The project was plotted as experimental. But however, it is totally unique and still remains one and the first of its kind, and it creates the unprecedented opportunities for bringing the design of programmable market environment at another higher level.

Unlike an ordinary market which liquidity is self-regulated without such a hard outside interference, Mega Swapfield, at some point, can be considered as a life hack of a very special type. But, like any other market, Mega Swapfield is a part of the global market too, and also its full potential and wide variety of possible use cases are yet to be discovered.

Initially, the project is highly unbiased in terms of economic value to be associated with it onwards, because Mega tokens are just plain tokens which are initially not strictly linked to any economic value except themselves. Also to add, the whole project idea is very new to the market.

That is why the economic value of the project is expected to exponentially (or at least gradually) grow during some period of time required for its assimilation by the market. The more Mega tokens are involved in the market life, the higher is their economic value.

NOTE ON THE INITIAL TOKEN BURN

So far, so good, yet our preamble has still not fully covered the whole core idea of the project. There is also the one important thing we have planned to do in the nearest future: the initial

token burn. In order to increase differentiation between Mega tokens (and their own total supplies), we will burn (by sending to the 0x000000000000000000000000000000000000dead address) about 20-30% of total supply of either MMT or MST. We have not defined yet which one of Mega tokens and what exactly amount to burn, because first we have to estimate their actual circulating supply affected by our token distribution campaigns.

The initial token burn will be the one and only, no more burns of Mega tokens will ever be done afterwards.

PROJECT STRUCTURE

Mega Swapfield consists of 3 components:

- Mega Swap Fund (or, for short, Swap Fund).
- 2 tokens: Mega Merger (MMT) and Mega Splitter (MST). Or simply, Mega tokens.

MMT and MST can be easily swapped with each other through Mega Swap Fund at the constant swap rate of 1 MMT : 100 MST.

Tokens held on Mega Swap Fund balance can be swapped in and out of it at the constant swap rate. It also guarantees that they are swapped only at the same constant swap rate on any other market (i.e. not only through Mega Swap Fund).

Initially (at the moment of smart contracts deployment), Mega Swap Fund has 1/5 of total supplies of MMT and MST on its balance. As token swap means "give an amount of one token and take a corresponding amount of another token in return", decreasing balance of one token leads to increasing balance of another token, therefore Mega Swap Fund always has the same whole (MMT+MST) value on its balance.

MEGA SWAP FUND

Mega Swapfield is a system which is both autonomous and fully controllable, and has a simple yet sophisticated mechanism of Mega tokens liquidity regulation. It provides that all Mega tokens in circulation are exceptionally interrelated in terms of their total liquidity.

Its approach consists in dividing the circulating supply into several separate volumes (zones) which are proportionally different from each other in size, and individually regulating each one's liquidity.

More on Mega Swap Fund technical details can be found in smart contract verified code on polygonscan:

https://polygonscan.com/address/0xfd801acbaf54bb28482baccc6c22bea20f6552ec#code

THEORETICAL BACKGROUND OF PROJECT STRUCTURE

Mega Swapfield is a system made simple and advanced both at the same time. Its technical basis is designed as constant, immutable and self-adjusting at responding to any particular situation on the market.

Mega tokens are ERC-1363 (which is also fully ERC-20 compatible) tokens. They are plain currencies to allow maximum possibilities for backing economic values.

On any particular market, its various forces shape the behavior of its participants. But whether it is about collaboration or competition, the two underlying factors of market forces always are assistance and resistance. That is, market forces are uniform in this sense.

The number of Mega tokens is two, which is chosen for simplicity but should be enough for any cases.

Each of Mega tokens can be used to represent a financial value formed of a particular proportion of assistance and resistance at a particular moment.

The common formula of capitalization of asset circulating supply is as follows:

Capitalization = Circulating supply * Price

Due to this relationship between capitalization, circulating supply and price, any change to one value is immediately reflected in the others.

Mega Swapfield operates with swap volumes (that is, with circulating supply). Hence, swap threads of Mega Swap Fund operate with circulating supply too.

Any more or less developed market has a hierarchical multi-level structure, and so it can be divided into individual zones of different sizes.

Mega Swap Fund uses swap threads to operate with different swap volumes. They divide market flow into separate parts that are proportionally different from each other in size.

Market equilibrium is both a cause and consequence of market management. But then, it may also be operable in some ways. Swap threads must cover the needs of market management in all such cases.

Each swap thread mostly forces swap volumes of both Mega tokens to be mutually proportional within a time a certain volume is swapped. And its tolerance is also high enough due to small difference between minimum/maximum swap amounts of any two adjacent swap threads.

Hence, swap threads set limits for maximum amounts for swapping in and out of Mega Swap Fund balance.

ROADMAP

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Note: Our plans may still undergo some uncritical changes.

LISTING ON CRYPTO EXCHANGES AND DEFI PLATFORMS

The more Mega tokens are involved in the market life, the higher is their economic value. So this is required for realization of their potential. Though this measure is very usual for nearly any project, it is still important to be marked here.

DEVELOPMENT OF DAPP FOR USER INTERACTION WITH MEGA SWAP FUND

Mega tokens are fully ERC-1363 standard compliant, and therefore also fully ERC-20 compatible.

Moreover, Mega tokens can interact with Mega Swap Fund by using not only ERC-1363 methods but also the ERC-20 "transfer" method. That is, users can even interact with Mega Swap Fund by only using any simple ERC-20 wallet, though in such case the set of available methods is limited to one.

However, using an UI might be a more appropriate option.

MEGA TOKENS TOKENOMICS

Mega Swapfield features 2 tokens: Mega Merger (MMT) and Mega Splitter (MST). We call them Mega tokens.

Mega tokens can be swapped with each other through Mega Swap Fund.

n MMT = *100n* MST, this swap rate is constant and is hard-coded in Mega Swap Fund smart contract. That is, *n* amount of MMT tokens and *100n* amount of MST tokens are equal in terms of economic value. For example, 123 MMT and 12,300 MST are equal in terms of dollar or any other currency.

As Mega Swap Fund always has on its balance the same whole (MMT+MST) value which is equal to 1/5 of sum of MMT and MST total supplies, it is always guaranteed that Mega tokens are swapped with each other only at that same constant swap rate, not only through Mega Swap Fund but also through any third party platforms or intermediaries.

MEGA MERGER TOKENOMICS

Logo	
Name	Mega Merger
Symbol	MMT
Type	ERC-1363
Total supply	500,000,000
Decimals	18

MEGA SPLITTER TOKENOMICS

Logo	
Name	Mega Splitter
Symbol	MST
Type	ERC-1363
Total supply	50,000,000,000
Decimals	18

TOKEN DISTRIBUTION SCHEME

The following scheme is the same per each one of Mega tokens:

Investors: 30%

Public tokensale: 30%

Ecosystem: 20%

Team: 15%

Other: 5%

Note: *Ecosystem – this means the tokens which are initially held on balance of Mega Swap Fund smart contract at the moment of its creation. They can be freely obtained from it by any token holder (by swapping Mega tokens with one another), and thus can be considered as always accessible for anyone.*