Massive Protocol

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MASSIVE
PROTOCOL

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Introduction

The virtual asset industry, which started with Bitcoin, which enabled payment without third-party intervention, has expanded from payment methods to various fields such as NFT and DeFi. Among these services, DeFi is one of the most notable areas in the virtual asset field. DEX Protocol (AMM) has contributed to making DeFi an important location today.

Through this, transactions occur through AMM. This is a method that does not require trust that meets the purpose of decentralization. In addition, it can be the subject of supplying liquidity directly to the liquidity pool.

Through this, anyone can become a market maker of the decentralized exchange, supply liquidity, and earn fees on their own.

This is a P2P method that takes place between individuals and individuals, and in order to achieve a transaction, someone like the exchange is essential to relay the transaction. On the other hand, AMM is a new transaction method that does not require a counterparty because the transaction is already defined by a peer-to-contract (P2C) method.

DEX traders are free to trade based on a pool of liquidity created by liquidity providers on behalf of purchase/sale order books. In this process, liquidity providers receive the fees incurred according to their contributions.

In this case, no separate screening or qualification is required to participate as a trader and liquidity provider in any case.

However, for AMM to operate smoothly, sufficient liquidity must be provided for transactions. DeFi does not have a subject that manages transactions like the operators of existing exchanges, so if liquidity is not sufficiently supplied, the transaction can have distorted consequences. Uniswap, Ethereum-based representative DeFi Protocol, is successfully operating on a liquidity pool of about USD 788B.

The Massive Protocol Team will also provide proven wallet services for early settlement and stabilization through securing initial liquidity for the project.

1

Introduction

The wallet service provided will consist of the following services to help many users maintain royalties to Massive Protocol by conveniently utilizing various services related to virtual assets through successful user experiences.

Support users' participation in DeFi

Convenient and simple user experiences will be provided for users to easily participate in DeFi.

Without a separate DApp connection process, products conducted by Massive Protocol are automatically displayed on the wallet service and will be provided with a user experience that can effectively catch-up investment and profit status.

In addition, it allows users to register and use various external DApps according to their needs. This will provide DEX Portal services capable of One-Application-Multi-Participate.

Provide the same experience as the transaction convenience provided by the existing CEX

Wallet service allows you to connect accounts of major CEX exchanges in Korea to check your asset status and make transactions. For efficient investment, you can refer to an integrated chart that allows you to check the market difference between exchanges immediately.

It supports the Travel Rule standards of major CEX exchanges. Through this, service transaction convenience is provided that allows free deposit and withdrawal.

Provides real commerce services through ease of use of virtual assets

It provides a specialized commerce service that allows you to purchase a variety of products directly with your coins. The Massive Protocol Team helps you use your coins in real life through proven services linked to virtual asset commerce platforms.
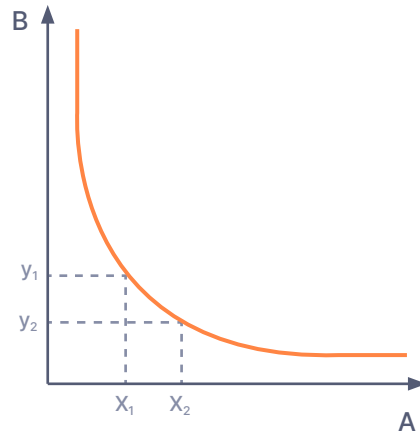
1

Introduction

NFT Market Place

The desired NFT can be obtained through a variety of trading methods, such as shopping for sellers to purchase various NFTs at predetermined prices, auction for trading NFTs at optimal prices, and opener for sellers to offer transactions for NFTs they own. To prevent damage caused by fake NFTs, MAC Market Place manages the original NFT as Whitelist.

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Protocol overview

AMM is an innovative trading mechanism that has developed from the Previous orderbook-based DEX and changed the way cryptocurrency is traded online. The liquidity pool created by liquidity providers on behalf of the buy/sell order book allows traders to trade freely, and liquidity providers to share transaction fees from the liquidity pool as profits in line with their liquidity contributions.
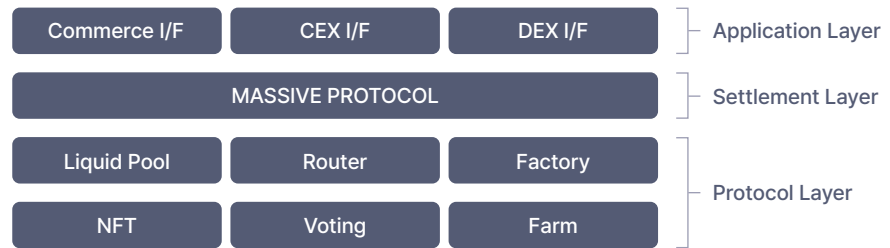
Massive Protocol's AMM mechanism is based on the x*y=k formula, and when creating a liquidity pool, the corresponding token price range is formed according to the quantity of each token. For example, as the liquidity supply of x increases, the quantity of y in the exchange transaction decreases to maintain the constant function k.

In this way, the supply volume per token in the liquidity pool changes and prices are designed to be formed.

2.1

Layered Architecture

Commerce I/F	CEX I/F	DEX I/F	Application Layer
MASSIVE PROTOCOL			Settlement Layer
Liquid Pool	Router	Factory	Protocol Layer
NFT	Voting	Farm	

Massive Protocol defines financial services that encompass commerce, CEX, and DEX to users. Massive Protocol's structure is structured to enable users to achieve comprehensive and secure transactions through market liquidity. However, not only is the supply of liquidity diverse, but there are uncertain risks. To meet the needs of users to avoid these risks, asymmetry with time, information, and subjects must be resolved.

The hierarchical structure of Massive Protocol was proposed to meet these needs.

(1) Protocol Layer

Define payment rules for various liquidity sources through Smart Contract. Smart Contract not only combines a variety of liquidity sources to produce an optimal exchange rate, but also solves risks from untrusted counterparts.

The Atomic Settlement under Smart Contract does not require trust between the two trading parties. These rules apply equally to the issuance of NFTs. Users permitted to enter under Smart Contract may issue NFTs and issued NFTs may be traded within the exchange without restriction. Depending on the issuer's intention, the exhibition can be conducted free of charge or paid.

(2) Settlement Layer

Massive Protocol automatically completes transactions by Smart contract based on digital signatures without connections between transaction participants. Transactions are handled based on a predefined strategy with Liquidity Pool and agreed fees. Slippage may occur in AMM-based swap transactions.

In addition, liquidity providers may experience Immortal Loss as the token price of the pool diverges from the external price after the time of supply and is adjusted by the automated market mechanism.

(3) Application Layer

Massive Protocol provides a variety of User Experiences through the Application Layer. The key factor is that standardized protocols can be added to provide interfaces for user convenience in various fields of virtual asset transactions such as commerce, CEX, and DEX.

2.2

System Design
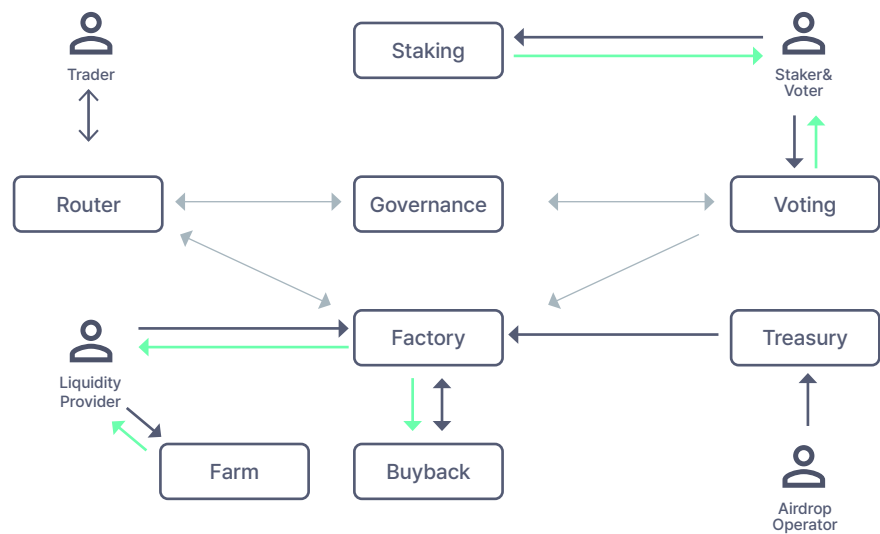
Router Smart Contract

The router using the library fully supports all the basic requirements of the front end that provide transaction and liquidity management.

And the status of the router will be non-stored so that it can be replaced safely and unreliable if necessary. This is a policy in case more efficient smart contract patterns are replaced or additional functions are needed.

The router will be given a separate release number, and information on the recommended release will be released on the protocol website and project team collar.

Governance Smart Contract

The governance contract serves as an administrator to manage Massive Protocol's voting registration, voting result aggregation, and execution. Governance token holders can propose voting on Massive Protocol's key policies through an open governance contract. In order to propose a vote, you must have a governance token that can be obtained as a Staking reward for MAV tokens.

Staking Smart Contract

Token archives that generate returns on deposited tokens. In particular, if you are staking MAV tokens, the key currency of Massive Protocol, you can receive governance tokens that can participate in Massive Protocol's major decisions in addition to profits from tokens.

Factory Smart Contract

The factory smart contract supervises all functions related to the registration of token pairs and transactions of Massive Protocol. It is also a smart contract that is responsible for all functions related to the mining of MAV token contracts, the key currency of Massive Protocol, and governance tokens.

Farm Smart Contract

Massive Protocol's Farm offers users a variety of farming opportunities. You can stake LP tokens and obtain MAV tokens in return. Massive Protocol will provide incentives for more liquidity pairs by providing liquidity providers with opportunities to staking their LP tokens to Farm.

Voting Smart Contract

Voting provides a voice for the Massive Protocol community and allows the community to participate in the direction of Massive Protocol's future development. To participate in the vote, you must have a governance token, and the governance token holder can vote through the voting contract for proposals submitted through governance.

Treasury Smart Contract

Treasure Contract is a contract that organizes Airdrop operations. Authorized operators can set up and execute airdrops through Treasure Contract.

3

Security

3.1

Transaction Atomicity

In the user's on-chain transaction, the smart contract design ensures the atomic nature of transaction payments. In other words, if the transaction is completed or the transaction fails due to meeting the terms of the transaction, the user's assets are always kept in the wallet under the user's control.

3.2

Trustless

All transactions of Massive Protocol are made through smart contracts so that there is no need for third-party intervention to guarantee transactions. The smart contract of the project will be disclosed to the project team's GitHub so that anyone can audit the contract, and trust will be built based on the transparency secured through a series of processes.

3.3

3rd-Party Security Audit and Bug Bounty

To ensure safety for all Massive Protocol's smart contracts, we will request an audit from a trusted external security agency. The audit report will be released on the project team's GitHub, and whenever new services are added, additional audit reports will be released on smart contracts dedicated to the service.

It will also help the community contribute to the stable operation of the project through continuous bug bounty programs.

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TOKENOMICS

4.1

Decentralizing Massive Protocol

Massive Protocol delivers true value, fairness, and innovation to distributed finance through high-quality products and services. The entire platform will maintain distributed governance of MAV token holders. Major structural changes are decided by vote in the community.

4.2

Ecosystem Overview

Massive Protocol is an automated market-making (AMM) swap protocol. It is a DeFi service where everyone can become a liquidity provider and earn transaction fee profits. Ecosystem participants can be divided into the following.

USER

Tokens can be exchanged using wallet services provided by Massive Protocol and automated liquidity pools.

Liquidity supplier

If anyone adds a token to the liquidity pool they want, it becomes a Liquidity Provider (LP). If you provide liquidity to the pool, you will receive the Liquidity Pool (LP) Token as evidence, and the number of LP Token received represents your share (%) in the entire pool, and based on this LP, you can receive commission income from the pool as liquidity supply compensation.

Farming & Staker

LP tokens received as liquidity supply compensation are rewarded with MAV tokens by farming, MAV tokens are rewarded with MAV tokens or other tokens.

Community participants

Participating in Governance influences Massive Protocol's major decisions. As Massive Protocol develops, it benefits participants more and more.

Airdrop Operator

Potential new projects can conduct mutual marketing through consultation with Massive Protocol. Effective content exposure can create initial liquidity and secure suppliers. Of course, liquidity linkage is also possible.
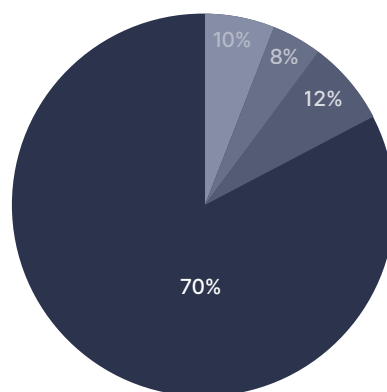
4.3

Token Distribution

Massive Protocol Token

Ticker Symbol: MAV

Chain : ERC20

Max Supply : 3,000,000,000 MAV

Contract address : 0xf94264c7492b397dafc59ac07bd8e3bef74873d1

Distribution	Ratio
Strategic Financing	10%
Investors	8%
Team & Advisor	12%
Community (Airdrop, Mining)	70%

Distribution	Ratio	Contents
Strategic Financing	10%	Financial "Pump Priming" for securing participants to build the MASSIVE protocol ecosystem and designing early community supporters and defi. The proportion is 10% and the quantity is 300,000,000 MAV.
Investors	8%	For investors who have funded to induce sustainable growth and increase the value of the protocol. The proportion is 8% and the quantity is 240,000,000 MAV.
Team & Advisor	12%	This is for team members and advisors of the MASSIVE protocol. The proportion is 12.00% and the quantity is 360,000,000 MAV.
Community (Airdrop, Mining)	70%	Community (Airdrop, Mining): For ecosystem composition and scalability, Protocol participants can obtain through airdrop or mining, with a total of 70% and 2,100,000,000 MAV.

* The token distribution plan included in the white paper can be changed depending on the progress of the project roadmap and changes in technology development-related situations, and other changes in situations that may affect token issuance and distribution. If changes are required according to the above reasons regarding the matters contained in the white paper, the MASSIVE PROTOCOL project can be attached to the decision through a governance proposal.

4.4

Lock Plan

· Lockup will be held for 4 years from the date of issuance of Investors.

· Lockup for 4 years from the date of issuance of Team & Advisor.

* After 4 years, we will proceed with the opening evenly for 1 year.

4.5

Deflation Mechanisms

20% of all transaction fees are used to repurchase and buning MAV tokens in the open market.

* MAV token Burning usually occurs once a month, and information about burning is transparently disclosed. Other products to be released in the future may also consider deflation mechanisms.

Burning Coin provides several advantages:

To use the cryptocurrency sent to the wallet address again, you need to know the private key to open the wallet. In other words, any use is impossible without a private key. Since wallet addresses without private keys can only receive coins and cannot be taken out again, sending coins to these wallets has the same effect as burning them and incinerating them.
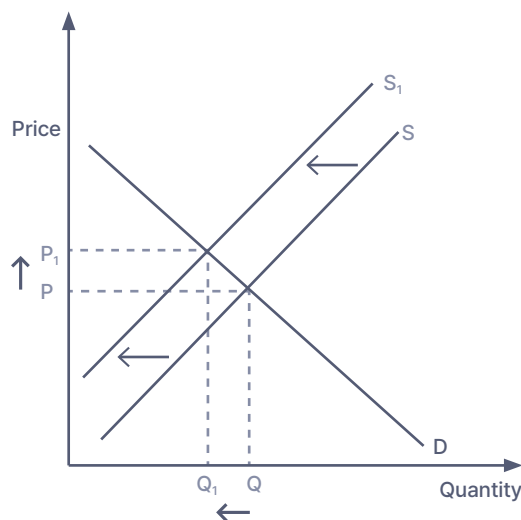
The most important reason for token incineration is to increase its value. As in the correlation curve between supply and demand above, if supply decreases, the value of the product will naturally increase.

Token incineration also reduces the overall distribution of tokens. Continuous incineration of tokens helps maintain the stable value of tokens, which not only provides a high reward APR for the liquidity supplied by Staking participants, but also builds a more robust and sustainable ecosystem where the scarcity value of MAV tokens gradually increases as more users participate. Potentially making the holder's token more valuable than before incineration.

Economic Mechanisms
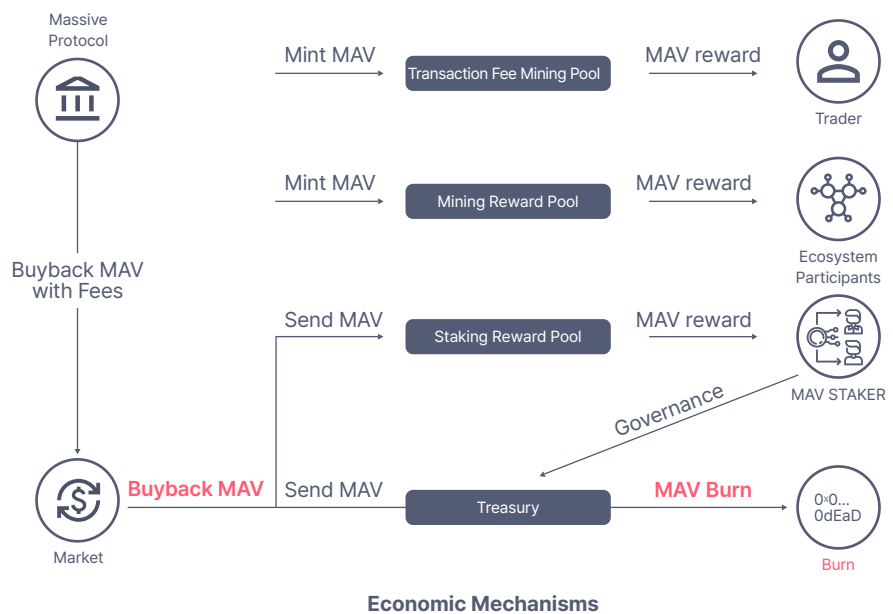
4.6

Governance

Massive Protocol DAO is a decentralized autonomous organization that controls Massive Protocol. DAO governance decisions can handle specific proposals in a variety of ways. The scope covers a wide range, from allocating Treasury funds to deploying new protocols to Massive Protocol, and the intermediate process.

The creation of Massive Protocol DAO provides a complete DAO function to indicate movement. This provides direct community control over the expanded governance mechanism.

All participants in DAO will strive for a common goal in which Massive Protocol DAO and MAV tokens are fully decentralized, owned and managed by DAO.

· Before launching, all information about Massive Protocol will be open on Giftbook.

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Road Map

2022

Q1

Massive Protocol Wallet Development Initiated

Q2

Massive Protocol Wallet Launches

The beta version of Massive Swap is released

Q3

Launching Massive Swap

Open the Farms function

Launching NFT market

Beta tester Airdrop distribution

Q4

Open the pool function

Massive Protocol DAO function is open

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Risks

(1) Investment risk

MAV is a utility token issued by Massive protocol, not for investment purposes.

Before making a purchase decision, customers should carefully consider their purchase goals, previous experiences, their financial situation, the acceptance range of risks they recognize, and other related situations. You should fully understand the risks associated with purchasing MAV token.

(2) System risk

Massive Protocol considers security the most important factor. To this end, Massive Protocol's core teams and external security audit organizations are trying to secure resources to ensure that protocols are safe and reliable.

Smart contract codes related to Massive Protocol are not only disclosed but also verifiable, and we would like to participate in bug-bounty programs through external security audit organizations to find vulnerabilities.