MITHRIL ORE

White Paper

Casper Pooling   Ethereum Backed   Staking Gains

Limited Mint   Collectible

Token Abstract

Mithril Ore is a limited in quantity tokenized digital asset with a utilization case based on the anticipated Ethereum proof of stake known as 'Casper'.

With its value backed by Ether, there will only ever be 500,000 Mithril Ore tokens in circulation. As an Ether-backed token, its utility as an advanced mining/staking token is novel in that it is a limited quantity token providing future mining/staking capabilities with the Ethereum Casper Upgrade and Proof of Stake. With Mithril Ore token, there are no promises of what may come, the product and utility already exist.

The advanced mining/staking utility of Mithril Ore will allow the token to mine/stake Ethereum just by holding it over the passage of time due in part to the process of collective staking. The reward for staking will be Ethereum (tentatively 5% per year) based on the current information regarding Casper.
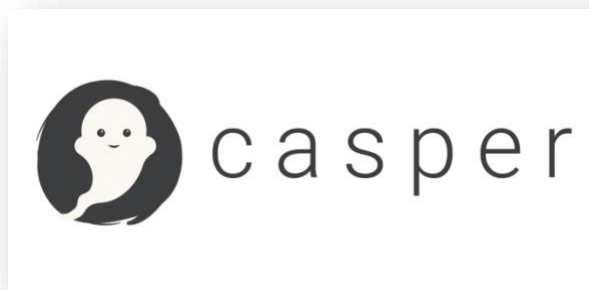
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Token Utililty – Use Case

It is common practice for digital tokens to introduce new tokens into the market through multiple mechanisms.   Some tokens use the process of mining – which uses real-world resources to solve complex mathematical problems in order to encode 'blocks.'   There are many 'mining tokens' for which people collectively participate in the mining process.

Another process by which tokens can be generated is the greener process of staking. For Ethereum, this will be known as proof of stake (POS), in which computers are utilized and connected to a core network and tokens are locked (unusable) in order to participate in this advanced mining option. The process of staking is ideal in that it does not waste massive amounts of real-world resources (power, energy) in order to introduce new tokens to the market.

The process of staking makes your digital currency less liquid, in that it cannot be used while staked. In other words, tokens cannot be used for trading or purchasing goods and services while tokens are staking. Utilization of tokens and staking are mutually exclusive. The process of staking also limits computer usage, speed, processing, and computer lifespan by requiring constant connection to the core network and using constant processing powers. Staking can be moot if a chain has forked, and the core wallet has not been upgraded, especially if a user is running the 'old fork.' Commonly, a user must pay constant attention to running the most up-to-date version of the core wallet.   Lastly, staking requires download of huge amounts of data, because core wallets require possession of a token's entire blockchain (although – 'sharding' may help with the aspect of downloading the entire blockchain).

Mithril Ore Token aims to merge the 'best of both worlds.' While the Ethereum backing the token is staked, the token holder is free to use the Mithril Ore token for purposes of trading, redeeming, or exchanging for goods or services; all the while, the staked Ethereum does the mining work, reaping the benefits of the mining utility which results in additional Ethereum to the token basis. The token not only is a store of value of the staked Ethereum behind it, but through the advanced mining process of staking increases the quantity of the Ethereum backing.

Tokens, known as 'MORE' are associated with the Ethereum they stake. The Ethereum will be perpetually staked, allowing continual advanced mining, while the token holder has a usable, tradable, transferable, assignable MORE token. Although simple in premise, this token provides a valuable niche in the market for the occasional or hobby investor who may not have the time, energy, know-how, or amount of Ether required for staking digital currency.
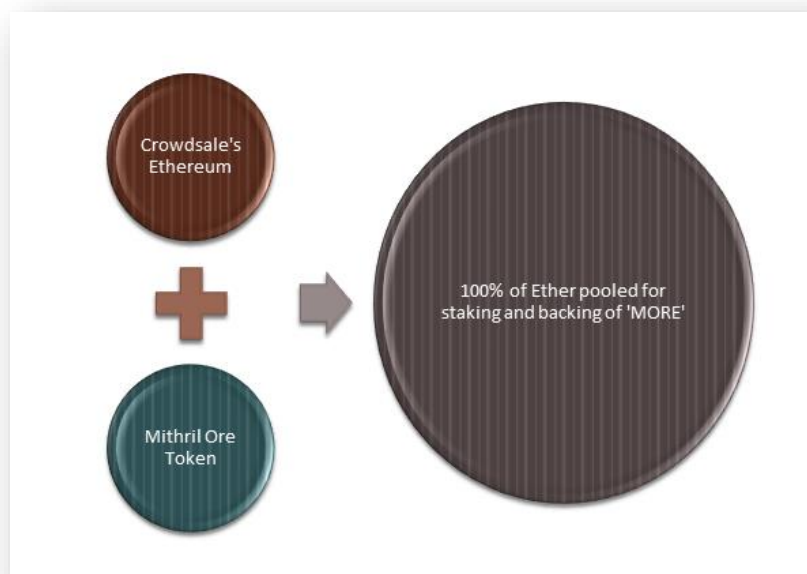
The 'Mithril Ore' Token

Mithril Ore Tokens are finite in quantity. Only 500,000 "MORE" tokens will ever exist. Except for a minimal, staking fee charged for distribution, the tokens are backed by 100% of the Ethereum contributed by the token holder. The staking fee for token holders holding less than 1000 MORE tokens is 2 babbages. The staking fee for token holders holding more than 1000 MORE tokens is 1 babbage. See Terms and Conditions, Appendix A, for Ethereum/Babbage equivalency. The staking fee shall be charged at initial purchase of MORE tokens. Each individual 'MORE' token is backed by the allocated Ethereum, providing a store of value. Thus, in exchange for the staking fee, the token holder receives MORE token(s), which are associated via the decentralized blockchain with the token holders corresponding staked Ethereum. All Ethereum shall be stored in cold storage held by a neutral third-party custodian. Said custodian will be of credible reputation, audited, and secured.

By purchasing the Mithril Ore token, the token holder is engaging in the Ethereum proof of stake advanced mining utility. The token signifies the Ether that backs it. Just like when the US dollar was backed by silver or the Canadian Gold Maple Leaf, 'MORE' is backed by Ethereum, which is redeemable two years after the date of distribution for the Ether it represents. The MORE token acts as the key or proof of ownership in the staked Ethereum.

 The 'MORE' token's value and growth is based on the fair market value of the token, its Ether backing, and advanced utility staking. To maintain transparency and decentralized management, our team will provide public reports on our advanced mining utility, which provides holdings and staking information on our website. These should also be accessible via the transparent and 'trustless' Ethereum blockchain. MORE tokens do not provide any warranty or promise of future profits or income. Ethereum generated through staking does not equate to profit, income, or any increase in monetary value. Ethereum proof of stake mining generates Ethereum, the fair market value of which fluctuates drastically and carries no guarantee of profit or increase or decrease in value.

'MORE' Token Value Formula and Token Sale Fund Allocation

'MORE' Token Value Formula

$$((1.0\ (100\%) * (\text{Ether generated from token sale} - 1 \text{ or } 2 \text{ babbage staking fee}))$$

$$\rule{8cm}{0.4pt}$$

$$((500{,}000 \text{ Mithril Ore Tokens})).$$

By purchasing Mithril Ore token(s), token holder is agreeing to a staking fee in exchange for MORE token(s) and staked Ethereum for a two year staking period. The staking fee for token holders holding less than 1000 MORE tokens is 2 babbages. The staking fee for token holders holding more than 1000 MORE tokens is 1 babbage. See Terms and Conditions, Appendix A, for Ethereum/Babbage equivalency.

Token Sale Fund Allocation

Except for the nominal staking fee identified above, 100% of the Ether generated from the token sale will participate in advanced mining proof of stake (Figure 1.1). None of the Ether generated from the token sale will be removed from staking for purposes of profits, gains, or reimbursement of capital to the Corporation or its shareholders. The Ethereum used to purchase MORE tokens will be entirely contained within the 'MORE' token's proof of stake utility.

Crowdsale Fund Allocation

■ 100% of Ether from Crowdsale to Pool for Backing and Staking

'MORE' Token Distribution

At the Ethereal summit, Bancor Protocol Co-Founder, Galia Benartzi, sat on a panel of successful ICO founders. She stated -- the sign of a trustworthy and viable ICO is one in which the owners accept payment in their own tokens, meaning the directors see their project as valuable.   Our token sale is based on decentralization, maximizing benefit to our token holders, integrity, and doing what is best for the Mithril Ore Community.

'MORE' Token Distribution (Figure 1.2)

- 93% of tokens distributed through token sale

- 1% of tokens distributed for infrastructure, administration, and marketing

- 6% of tokens distributed to Mithril Ore Corporation Limited

Staking Gains

By default – additional Ethereum generated through staking will be automatically re-staked.

In proper decentralized blockchain fashion, MORE token holders will be able to help with dynamic changes of the tokens purpose in function following the two year staking period. As such, token holders will receive polling rights, which, while not binding on the Corporation, serve and guide the Corporation in the decision making process on the preferences of the token holders.

The Annual 'Blacksmith' Option

Annually – there will be an option to consolidate a finite amount of your "Mithril Ore" into limited edition consolidated shares.

Token holders may change limited amounts of their Mithril Ore tokens into limited edition 'Items tokens.' The 'Blacksmith Option' essentially wields Mithril Ore tokens into more potent Mithril Items that would serve to concentrate volume and further increase the amount of staked Ethereum and place Mithril Ore tokens back into marketplace.

The 'Blacksmith' option could also be considered a share consolidation akin to changing out 5 US pennies (Ore) for a US nickel (item), with the same relative value, just concentrated or consolidated.

For example - In the future, for a limited time, and in very small amount, we will make 'Mithril Arrow' available, which is the equivalent of two Mithril Ore. There will be a very limited number of Mithril Arrows generated.   Two Mithril Ore may be exchanged for one Mithril Arrow. Therefore, Mithril Arrow will be backed by the equivalent of two Mithril Ore of Ethereum; no intrinsic value is lost, but potentially, intrinsic value is gained because a limited-edition token with unique privileges was generated. The Mithril Arrow and other Blacksmith Option items will also receive privileged or reciprocal voting rights relating to their concentrated Mithril items. Tokens exchanged for items would be put back on the market in interval time to add to the staked Ethereum, resulting in added staking returns to the token holder. Item tokens will be generated in exceedingly more limited amounts with each iteration and strictly limited to low quantities in production, especially in comparison to the small and finite number of Mithril Ore Tokens.
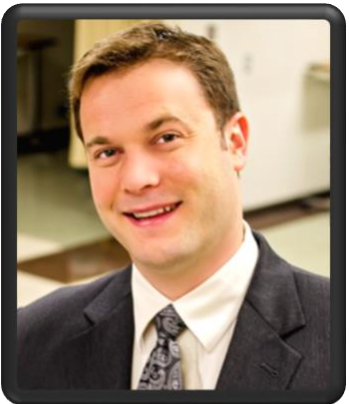
Mithril Ore Corporation Team

LAURA HOPKINS – CEO, JD - LinkedIN

Laura is a fintech entrepreneur and executive with over 12 years of multi-jurisdictional experience in legal, financial, and secured transactions law. Laura is currently a lawyer and consultant in financial legal matters, corporate structure, and civil litigation. She also works with the premier legal data analytics company as a legal data expert responsible for coding and data integrity.

MATTHEW STEEHLER – Founder, President Mithril Ore Corporation Limited Board of Directors - LinkedIN

Matthew has been in cryptocurrency since 2014, this early adoption has sparked his intense and relentless research into the FinTech space and development of cryptocurrencies. Matthew is a knowledge-junky and excelled in academia as a member of Phi Beta Kappa and Alpha Omega Alpha at Georgetown University School of Medicine. He scored in the 99th percentile on his in-service examination in his post-medical school residency. He has applied this same love of knowledge to digital currency and has been extremely prolific in his endeavors. Matt's surgical responsibilities, compassion, and caring also translate well to this space. He believes in the primacy of ethical conduct in both medicine and finance, and is dedicated to the service of others in both subjects.
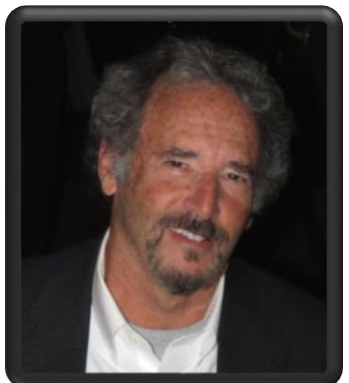
MICHAEL MINTZ – Entrepreneur, Strategic Planning

Michael Mintz is an elite entrepreneur in the United States. He built Mako Communications from concept to what is now, making him the largest owner of low power television stations in the USA. Michael also started Centurion Medical Liability, CBSC Real Estate, and has various oil field and cash crop endeavors across the United States. He is responsible for hundreds of patented inventions. Michael has an unrivaled pedigree of success in business and can solve almost any problem, business, financial, legal, and personal.

JAMES SCRIBNER – CFO - LinkedIN

James Scribner is an entrepreneur, researcher, philanthropist, and physician. He has been involved in the development, construction and ongoing operations of two urgent care facilities and two freestanding emergency departments, including the first ever in-airport emergency department. He has started a physician scribe company, Scribner Scribes, which is revolutionizing the certification of electronic medical record data and data integrity. He has pioneered research using neural networks to create an MRI based tool to predict outcomes in stroke. He has done all this while being involved in the clinical practice of medicine for the last decade. He is currently focused on novel uses of blockchain in the healthcare sector.

LAWRENCE "BUC" BROWN, MCP, MCTS – LinkedIN

Lawrence "Buc" Brown has an impressive background in technology having been in the industry for nearly 14 years. His IT experience has led him to develop technical and security solutions for many industries including destination travel marketing, oil and gas, as well as healthcare. He is a graduate of Del Mar College in Corpus Christi, Texas, where he received Dean's List honors en route to a degree in Computer Information Systems. He also holds Microsoft certifications and is always up to date on technology innovations, news, and trends. .
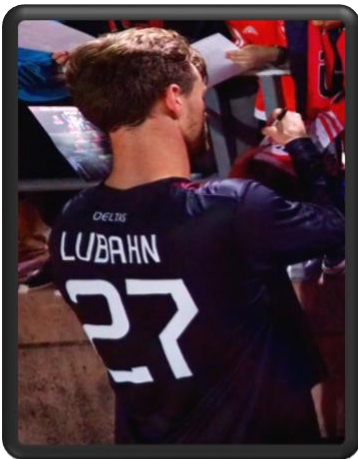
ANDREW LUBAHN – LinkedIN

Andrew is a relentless overachiever. He was a scholarship athlete to a top 3 nationally ranked University (Wake Forest University) through continued success at the professional level. In the off-season, he was National Champion at the U-19. Andrew, despite being academically inclined, is pursuing his childhood dreams in professional soccer. In November 2017, Andrew won the NASL Championship with the San Francisco Deltas. Andrew clearly knows the dedication, hard-work, and team based strategies necessary to succeed in a national arena.   In addition to being a soccer virtuoso, Andrew is an extensive crypto space investor, researcher, and enthusiast. Plain and simple, Andrew is great at everything he does. In his off-season, Andrew will use the highest forms of integrity, team-based strategy, and problem-solving skills to further the goals (irony) of Mithril Ore.

JEREMY GIFFORD, MCP – <u>LinkedIN</u>

At age 15, Jeremy began his career as a professional computer systems builder and technical service provider. He has managed networks and computer information system infrastructure for a wide spectrum of small, medium, and large global businesses. He has worked in all facets of technology from working as a technical services manager in Austin, Texas, to being part of a large support team for an international semiconductor manufacturing consortium. He has participated in programming for global technology initiatives for ethical computing standards and privacy practices. For over 20 years, Jeremy has been a Microsoft Certified Professional Solution Provider and an independent technology consultant. Finally, he is Satoshi-aware and an avid crypto-currency miner.

DAVID HAIRSTON – MBA - <u>LinkedIN</u>

David is a dedicated engineer with a passion for business. He places a premium on having an open mind and making data-based decisions. His success in leading multi-million dollar capital projects is rooted in this analytical approach. He prides himself on being able to help the bottom line by making sound business moves through relentless information gathering. David was also a small-college, hall-of-fame athlete who brings a sense of competition and strong desire to win in all his endeavors.

TYLER COOPER – MBA - LinkedIN

Tyler Cooper is an Arkansas native who enlisted in the U.S. Army following high school. He has an impressive 17 years of military service and is currently a Captain in the U.S. Army Reserves, serving as a company commander with numerous awards and citations. He graduated with his Bachelors in Business Administration from Texas A&M Corpus Christi, and earned his Masters in Business from the University of Texas. He has worked in business development and as an I.T. specialist for Xerox, consulted for multiple medical firms, and works as practice administrator of an Otolaryngology surgical group in Corpus Christi, TX.

Victor Tan –B.S. - Chair Web and Software Development- LinkedIN

Victor is well versed in multiple coding languages, web-development, and brings a strong background in professional web design, and novel coding solutions.   Victor has made his living as a web developer, systems programmer and software developer. Victor graduated from Duquesne University in the city of Pittsburgh, Pennsylvania.