ACQUISITION OPPORTUNITY
Blockchain-Enabled Biometric Verification Patent Portfolio

Indication of Interest Submission Deadline November 6, 2023

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Hilco Streambank has been retained by an inventor (the “Company”) to solicit indications of interest to acquire a patent portfolio directed at blockchain-enabled multifactor biometric identity verification. The portfolio contains 2 patent families and has worldwide coverage, consisting of 8 U.S. granted patents and 30+ issued patents and pending applications worldwide.

The Company's technology has U.S. priority dating back to March 2016 on the first foundational patent application.

The assets are being offered by the Company in the context of a private transaction. Indications of interest to acquire or license some or all of the patent portfolio will be reviewed as and when received. Therefore, parties interested in gaining exclusivity are encouraged to submit indications prior to the deadline of November 6, 2023.

Given the broad potential applicability of the portfolio to existing products and services, we are flexible in terms of entering into non-disclosure agreements and communicating with interested parties on an anonymous basis, e.g., through outside counsel.

**AVAILABLE ASSETS**

- 8 U.S. Issued Patents
- 30+ Worldwide Issued Patents / Pending Applications
The portfolio includes patents for systems and methods of implementing blockchain-enabled identity verification utilizing biometrics and/or other unique identifiers. The patents cover the processes and methods of using private keys and public keys, establishing verification addresses, recording identifiers and biometrics at verification addresses, and using biometric data or other unique identifiers to verify an individual's identity, verify an entity identity, or verify a legal relationship.

**PortfoliO & Technology Overview**

- **Technical Breadth & Depth**
  The portfolio contains robust claim coverage on biometric identifiers on and off the blockchain.

- **Strong Remaining Life**
  The portfolio will retain rights to the technology in most jurisdictions through 3/26/2036.

- **Extensive Foreign Coverage**
  30+ worldwide issued patents and pending patent applications.
A blockchain is a digital record of transactions made up of “blocks” of data (transactions) maintained on a decentralized network. The network is organized in a nodular, peer-to-peer system in which each node or peer is independently responsible for validating various bits of data.

Security is derived from the consensus among peers required to add to or change blocks on the blockchain, most commonly through “proof of work” or “proof of stake” mechanisms.
Financial services, healthcare, government, supply chain management, information technology, and more industries experience increasing threats globally due to widespread fraud, money laundering, criminal activity, cybersecurity threats, and more.

In the United States alone, reported data cybercrime and data breach incidents have risen from 157 in 2005 to 1,862 in 2022 according to Statista, with more than 422 million individuals affected in 2022, with a rising average cost per data breach of $9.44 million.

Advocates have argued that blockchain offers the only adequate, equitable identity solution that can protect these users from threats such as data theft and privacy abuses.

The portfolio covers multi-factor identity management and biometric authentication at the intersection of blockchain-enabled technologies. This intersection is key to the overall security and validation of data and covers existing and developing technologies that are being implemented at increasingly higher rates in order to address the highly costly cybercrime and identity management issues plaguing numerous industries globally.

Biometrics provide some of the most secure ways to verify identity as part of multi-factor identity checks. The systems provide for personal identification by fingerprinting, voice recognition, retina scans, and, broadly, "other unique identifiers." In the context of blockchain-enabled identity management, which provides inherent security through decentralized storage and validation, the portfolio's layer of biometric verification provides blockchain identity and security layers making the system more secure and transparent.
USE CASES & POTENTIAL APPLICATIONS

The portfolio represents an attractive opportunity for blockchain industry technology developers to strengthen their portfolios by gaining expansive claim coverage and priority dating back to 2016.

Numerous industries, particularly in the financial, healthcare, and technology IT sectors, have already begun developed and implemented biometric verification technology both on and off the blockchain to securely and quickly verify identity.

ANTI–MONEY LAUNDERING (AML)
KNOW YOUR CUSTOMER (KYC)
CROSS–VERIFICATION OF DATA
VERIFIABLE CREDENTIALS
SELF–SOVEREIGN IDENTITY (SSI)
DECENTRALIZED IDENTITY (DID)
DATA SECURITY
AUTOMATED FINANCIAL TRANSACTION SECURITY
PERSONAL & REAL PROPERTY TITLE
PRIVACY–COMPLIANT ELECTRONIC HEALTH RECORDS
ENTERPRISE IT SECURITY
GOVERNMENT & PUBLIC ADMINISTRATION
The **blockchain identity management market** is incredibly new, meaning that the **priority of the portfolio dating back to 2016 is extremely important**. Because of the nascency of the market, size and projections vary, but across the board, market researchers agree that the market is poised for **explosive growth over at least the next 5-8 years**.

**By 2025, 20% of total digital ID will be built using DLT/Blockchain technology, increasing from 5% in 2020.**

**Sources:**
The Company has conducted extensive analysis and believes there to be significant evidence of use of infringing services and products stemming from major, global market participants. Acquiring some or all of the portfolio presents unique opportunities in both defensive and offensive patent positioning for both strategic operators and licensing platforms.