

PATENT PORTFOLIO

US 10,192,073

PARENT PATENT

Granted: January 29, 2019
Application: 15/886,649
Claims: 8 | Claim 1 Elements: 14
Block reconciliation computer with object compiler for blockchain transaction reconciliation
Includes flagging mechanism

US 10,943,029

FIRST CONTINUATION

Granted: March 9, 2021
Application: 16/231,498
Claims: 8 | Claim 1 Elements: 10
Processor-executed instructions for blockchain reconciliation
Broader scope, flagging removed

US 11,720,711

SECOND CONTINUATION

Granted: August 8, 2023
Application: 17/163,088
Claims: 12 | Claim 1 Elements: 7
Broad block management and interaction object coverage
Broadest claims with fewest required elements



Rock Innovation LLC is an intellectual property holding company founded in 2016. The patent family covers blockchain-based transaction reconciliation technology, which is the core mechanism used by cross-chain bridges, Layer 2 rollups, DeFi protocols, and enterprise blockchain platforms to process and reconcile transactions across different networks. All three patents share a common priority date and were prosecuted by examiner Mahfuzur Rahman at the USPTO.

CITATION IMPACT

Over 80 subsequent patent applications cite this patent family, filed by companies including:



Microsoft



Visa



Mastercard



Samsung



Bank of America



Toyota



IBM



Capital One

INDUSTRY APPLICATIONS

Cross-Chain Bridges DeFi Protocols Layer 2 Platforms Digital Asset Exchanges Enterprise Blockchain Financial Infrastructure

LICENSING

Rock Innovation LLC offers flexible licensing options including flat-fee licenses, running royalties, and paid-up licenses tailored to the scope and scale of use.

This patent family has a priority date of November 19, 2016, predating the vast majority of cross-chain bridge, Layer 2, and DeFi platforms that now rely on blockchain reconciliation technology. With 28 claims across three issued patents and over 80 forward citations from companies including IBM, Mastercard, and Visa, this portfolio represents foundational intellectual property in the blockchain infrastructure space.

ENFORCEMENT READINESS

Rock Innovation has developed comprehensive claim charts, infringement analysis documentation, and target-specific evidence packages for each patent in the portfolio. The licensing program is supported by detailed technical analysis mapping each patent's claims to specific products and services in the market. All materials are prepared and ready for immediate deployment in licensing negotiations or litigation proceedings.