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(54) **BLOCKCHAIN-IMPLEMENTED METHOD AND SYSTEM**

(71) Applicant: **nChain Licensing AG**, Zug (CH)

(72) Inventor: **Gavin Allen**, London (GB)

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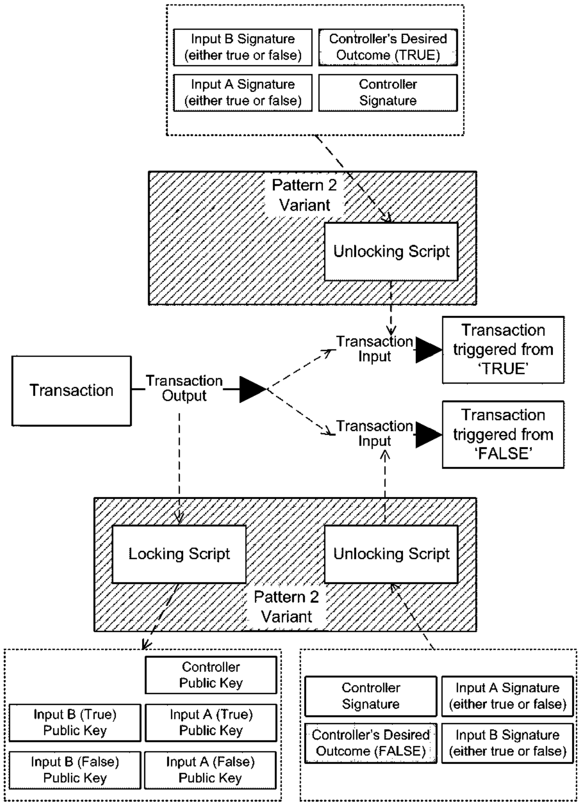
(57) **ABSTRACT**

This invention relates generally to distributed ledger technology (including blockchain related technologies), particularly a method and corresponding system for providing a blockchain transaction comprising a redeem script for an output that comprises: i) a plurality of public keys, each associated with a corresponding private key, wherein each public key is uniquely associated with a potential state of at least one data source; and ii) logic arranged to provide a result based on: A) a determination of which of the plurality of associated private key(s) is/are used to sign the unlocking script, so as to provide an interim result: and B) a comparison of a parameter supplied via the unlocking script against the interim result, and further attempting to spend the transaction output more than once, each attempt supplying a different parameter.


Input B Signature (either true or false)
Controller's Desired Outcome (TRUE)
Input A Signature (either true or false)
Controller Signature
Pattern 2 Variant
Unlocking Script
Transaction Input
Transaction triggered from 'TRUE'
Transaction
Transaction Output
Transaction Input
Transaction triggered from 'FALSE'
Locking Script
Unlocking Script
Pattern 2 Variant
Controller Public Key
Input B (True) Public Key
Input A (True) Public Key
Input B (False) Public Key
Input A (False) Public Key
Controller Signature
Input A Signature (either true or false)
Controller's Desired Outcome (FALSE)
Input B Signature (either true or false)