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(54) **DOMAIN NAME BLOCKCHAIN USER ADDRESSES**

(71) Applicant: **VERISIGN, INC.**, Reston, VA (US)

(72) Inventors: **Andrew Kaizer**, Arlington, VA (US); **Swapneel Sheth**, Fairfax, VA (US)

(73) Assignee: **VERISIGN, INC.**, Reston, VA (US)

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CPC ***H04L 9/0825*** (2013.01); ***H04L 9/30*** (2013.01)

(58) **Field of Classification Search**
None
See application file for complete search history.

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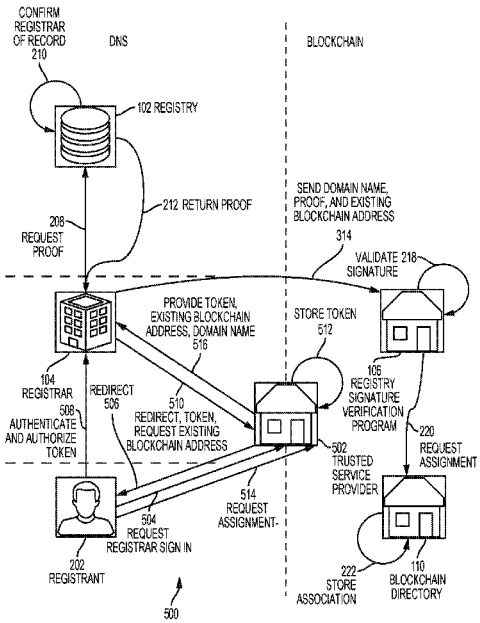
Primary Examiner — Shin-Hon (Eric) Chen
(74) *Attorney, Agent, or Firm* — MH2 Technology Law Group, LLP

(57) **ABSTRACT**

Techniques for DNS registry facilitated assignment of a DNS domain name registered to a registrant as a blockchain user address in a blockchain network are presented. The techniques can include providing, by a DNS registry, a public key and a computer executable registry signature verification program configured to use the public key to validate signatures made using the private key for addition to a block in a blockchain of the blockchain network. The techniques can also include receiving a request for a proof of registrar of record, and providing a proof of registration message, such that the registry signature verification program validates the signature using the public key, and the blockchain network receives and stores in the blockchain an association between the domain name and an existing blockchain user address for the registrant.

21 Claims, 6 Drawing Sheets