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(71) Applicant: **MASTERCARD INTERNATIONAL INCORPORATED** [US/US]; 2000 Purchase Street, Purchase, NY 10577 (US).

(72) Inventors: **KUMAWAT, Jaipal, Singh**; 2000 Purchase Street, Purchase, NY 10577 (US). **SINGH, Shivendra, Pratap**; 2000 Purchase Street, Purchase, NY 10577 (US). **KUMAR, Ojaswi**; 2000 Purchase Street, Purchase, NY 10577 (US).

(74) Agent: **KLOCINSKI, Steven**; Mastercard International Incorporated, 2000 Purchase Street, Purchase, NY 10577 (US).

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(54) Title: METHOD AND SYSTEM FOR BLOCKCHAIN TO APPLY SANCTIONS

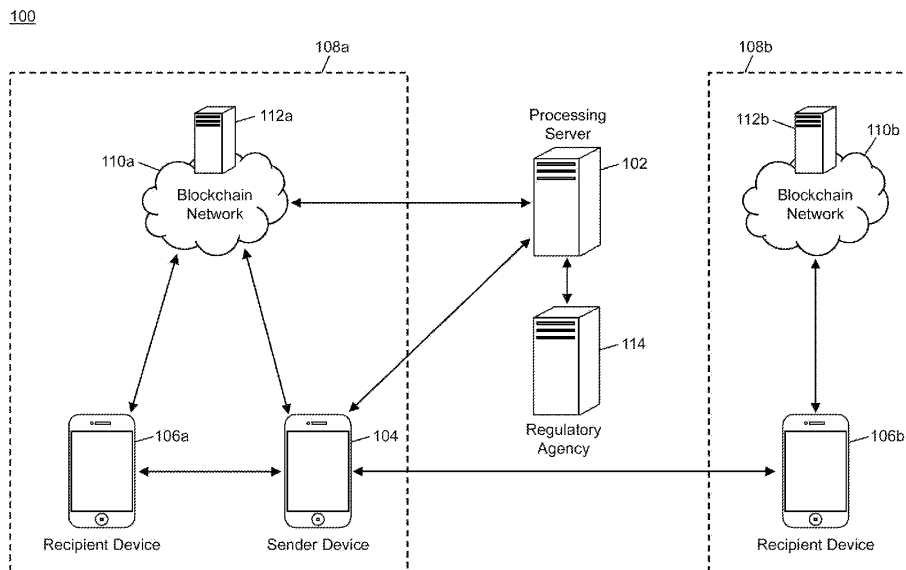


FIG. 1

(57) **Abstract:** Methods and systems for preventing geographically unauthorized blockchain transactions are discussed herein. Participants in a blockchain provide information during an onboarding process to identify a geographic location associated therewith. During the onboard, a geographic key is assigned to the participant based on their geographic location. When a new proposed blockchain transaction is submitted, the geographic keys associated with the participants are identified. If the geographic keys match, which indicates that the participants are associated with the same geographic location, then the transaction is authorized and goes through a standard blockchain approval process. If the geographic keys do not match, indicating that the participants are in different geographic locations, then a check is performed to determine if the transaction can proceed using a smart contract, which determines if there are any sanctions or other regulations preventing the transaction from taking place between the participants in the associated geographic locations.

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