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(54) Title: SYSTEM, METHOD, AND COMPUTER PROGRAM PRODUCT FOR VERIFYING A PAYMENT DEVICE USING A MAGNETOMETER

(57) Abstract: Provided are methods, systems, and computer program products for verifying a payment device using a magnetometer. The method includes detecting a magnetic signature of a payment device based on a magnetic field of the payment device affecting the magnetometer. The magnetic signature may be determined based on the structural composition of the payment device or a circuit arranged on or embedded in the payment device. The method also includes receiving payment device data for a transaction requested between an account associated with the payment device and an account of a merchant. The method further includes comparing the magnetic signature detected from the payment device with a stored magnetic signature associated with the payment device. The method further includes, in response to determining that the magnetic signatures match, approving the transaction.

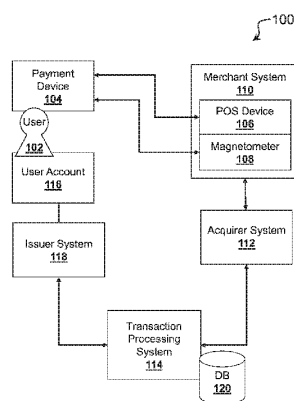


FIG. 1

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