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(54) Title: METHOD AND SYSTEM FOR FACILITATING FACIAL-RECOGNITION-BASED PAYMENT SYSTEM WITH
MULTIPLE VIEWING ANGLES AND REDUCED MISPAYMENT RISK

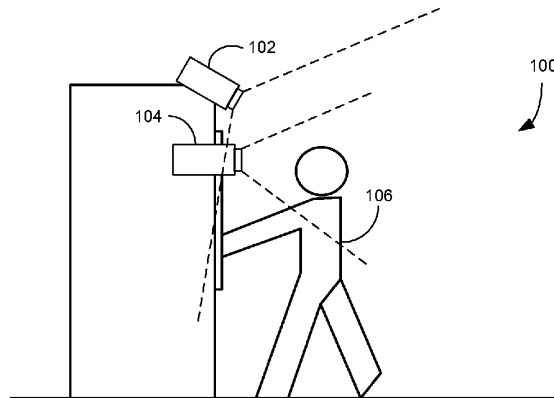


FIG. 1A

(57) Abstract: One embodiment described herein provides a system for facilitating processing payment based on facial recognition. During operation, the system obtains, from a first camera, visual information associated with a payment scene comprising bodies of one or more customers. In response to receiving a payment-initialization command, the system obtains, from a second camera, an image comprising faces of the one or more customers. The system identifies, based on the visual information associated with the payment scene, a body that is performing a movement to enter the payment-initialization command, and identifies a face in the image obtained from the second camera based on user-identification information associated with the identified body. The system then extracts facial information from the identified face, thereby facilitating a transaction of the payment based on the extracted facial information.

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