ABSTRACT

Detachable payment devices capable of performing payment transactions associated with a mobile wallet of a mobile device are described. The payment device may be implemented in a variety of shapes and sizes such as, the shape of a typical payment card or a stylus/electronic pen. In order to communicate with the mobile device, the mobile wallet of the mobile device, and a POS terminal, the detachable payment device may use short range contactless transmissions. While in a docked mode, the payment device may receive payment card data from a mobile wallet of the mobile device. Additionally, while docked, the payment device may transmit payment card data to a POS terminal's receiver, thereby acting as an integrated mobile payment unit with the mobile device. When in an undocked mode, the payment device may complete contactless payment transactions without assistance from the mobile device.