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Xie et al.

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(54) **METHOD AND APPARATUS FOR MOBILE PAYMENTS**

(71) Applicant: **RFCyber Corporation**, Fremont, CA (US)

(72) Inventors: **Xiangzhen Xie**, Shenzhen (CN); **Liang Seng Koh**, Fremont, CA (US); **Hsin Pan**, Fremont, CA (US)

(73) Assignee: **RFCyber Corporation**, Fremont, CA (US)

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(51) **Int. Cl.**
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G06Q 20/10 (2012.01)
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(52) **U.S. Cl.**
CPC **G06Q 20/3278** (2013.01); **G06Q 20/102** (2013.01); **G06Q 20/20** (2013.01);
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(58) **Field of Classification Search**

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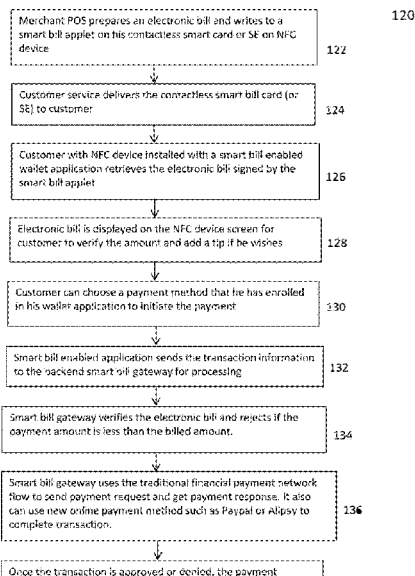
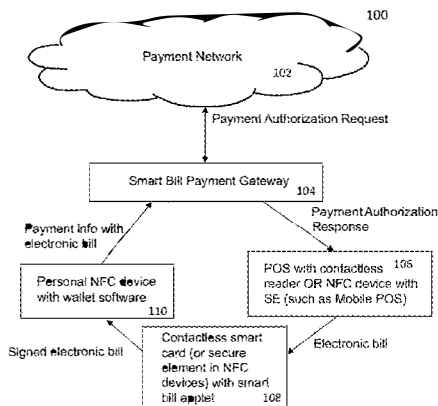
Primary Examiner — Ashford S Hayles

(74) *Attorney, Agent, or Firm* — Joe Zheng

(57) **ABSTRACT**

Techniques for mobile devices configured to support settlement of charges in electronic invoices or bills are described. An NFC mobile device is used to read off from a POS device data pertaining to the electronic invoices for payment. The data includes the electronic invoice and other information regarding a registered user of the POS device or an owner thereof is. After the user verifies the amount being charged and authorizes the payment, the NFC mobile device communicates with a payment gateway or network for payment that is configured to proceed with the payment in accordance with a chosen payment methods.

20 Claims, 22 Drawing Sheets



Related U.S. Application Data

continuation-in-part of application No. 13/350,832, filed on Jan. 16, 2012, now abandoned, which is a continuation-in-part of application No. 11/534,653, filed on Sep. 24, 2006, now Pat. No. 8,118,218.

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G06Q 20/40 (2012.01)
G06Q 30/06 (2012.01)
G06Q 20/20 (2012.01)
G06Q 30/04 (2012.01)

(52) **U.S. Cl.**

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 See application file for complete search history.

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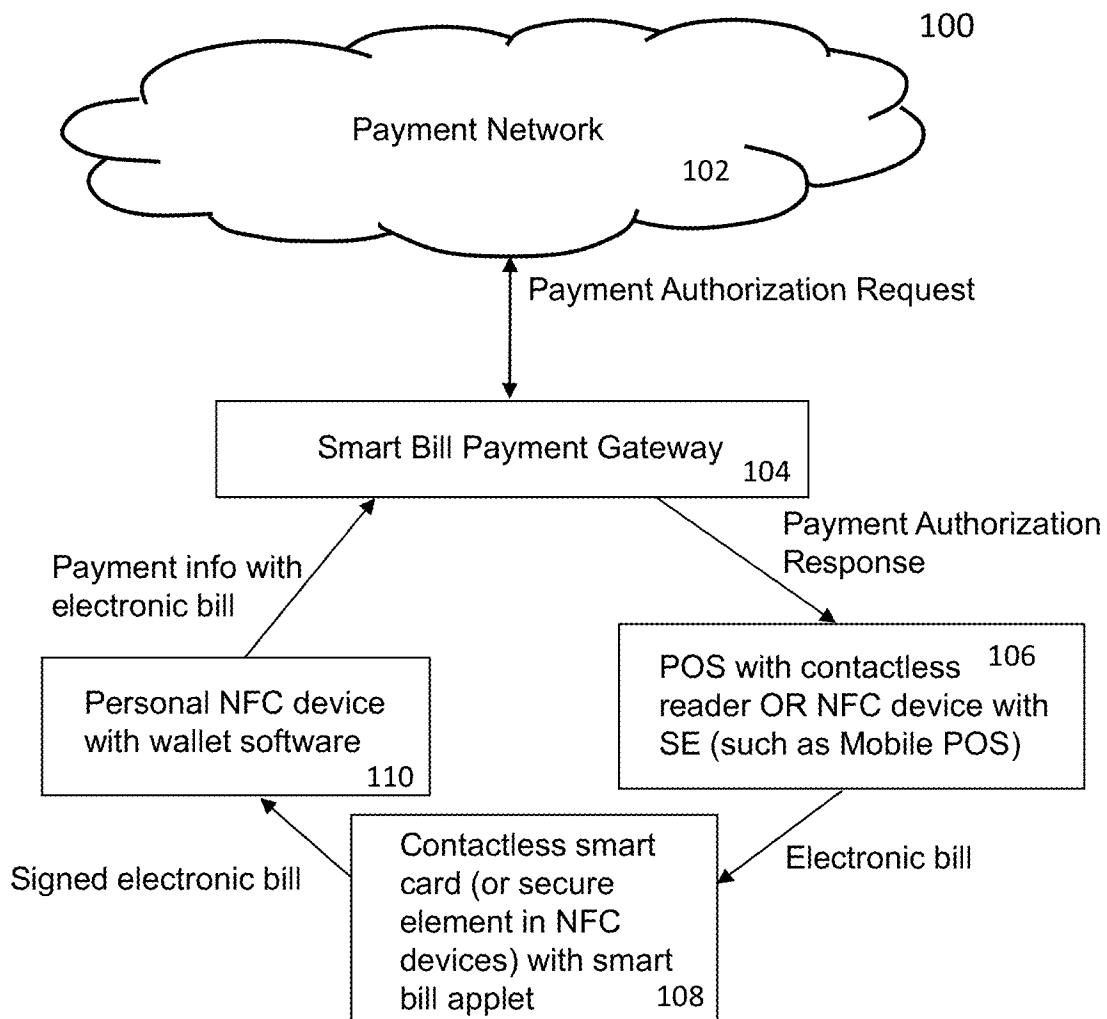
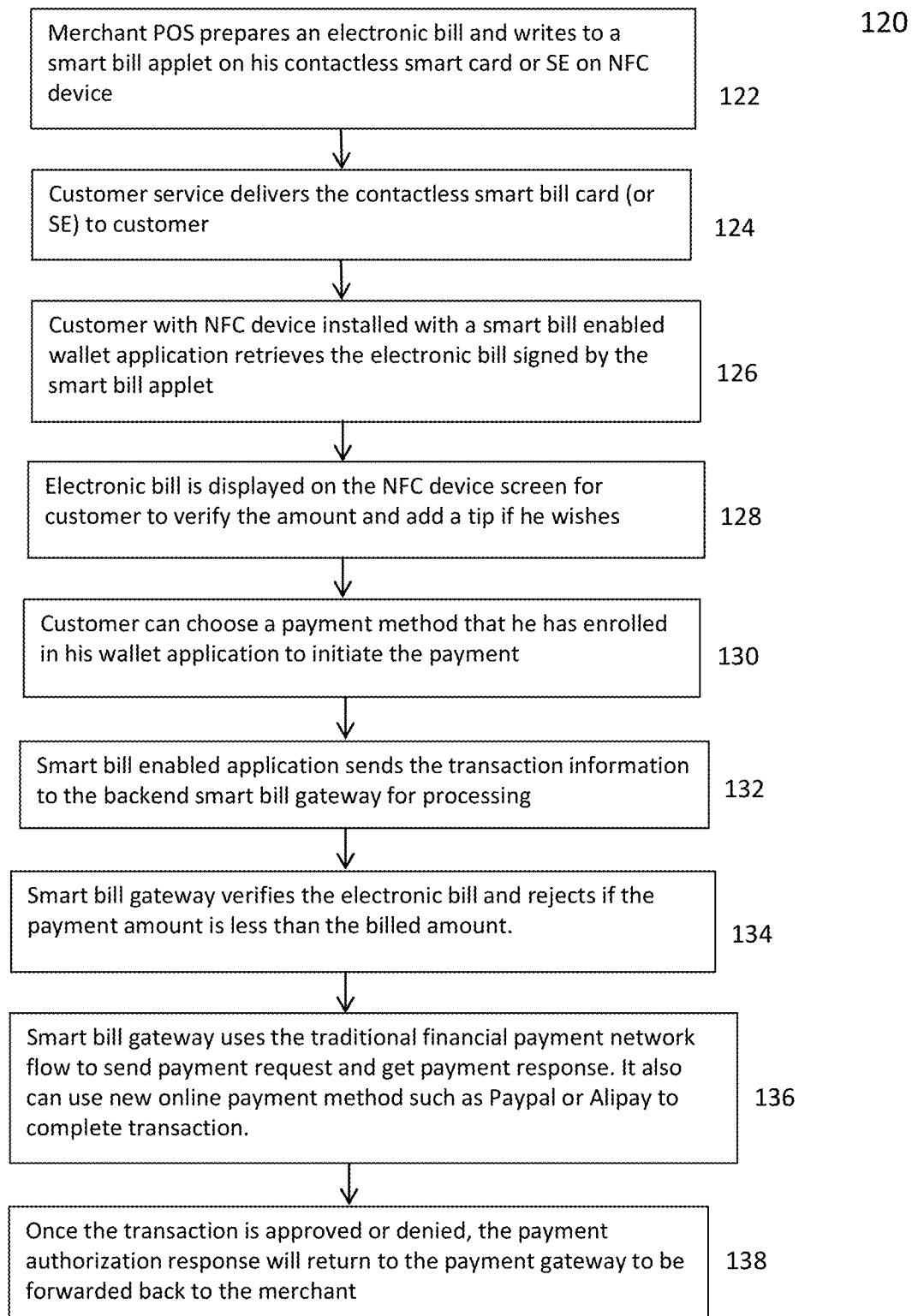


FIG. 1A

**FIG. 1B**

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