

FIG. 1

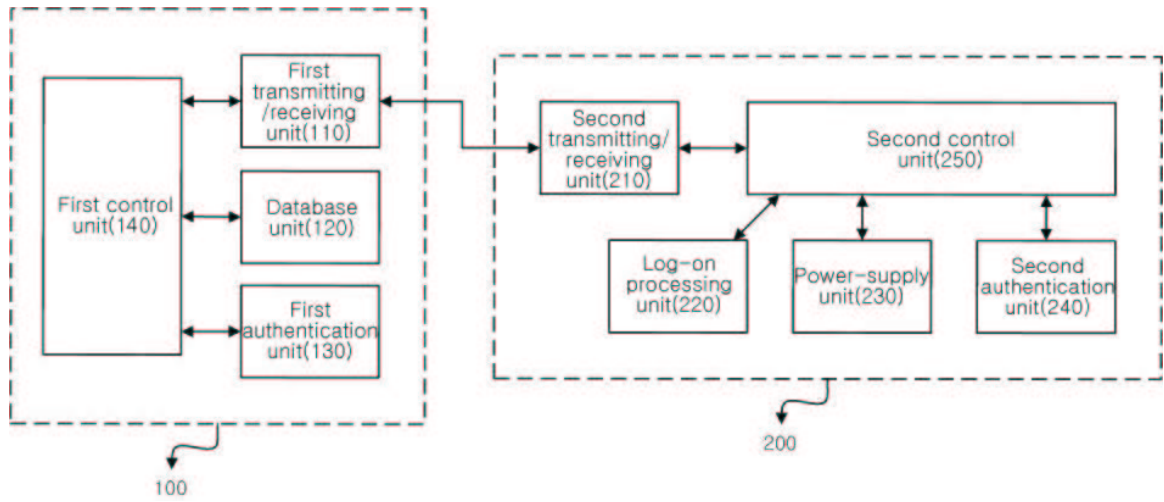


FIG. 2

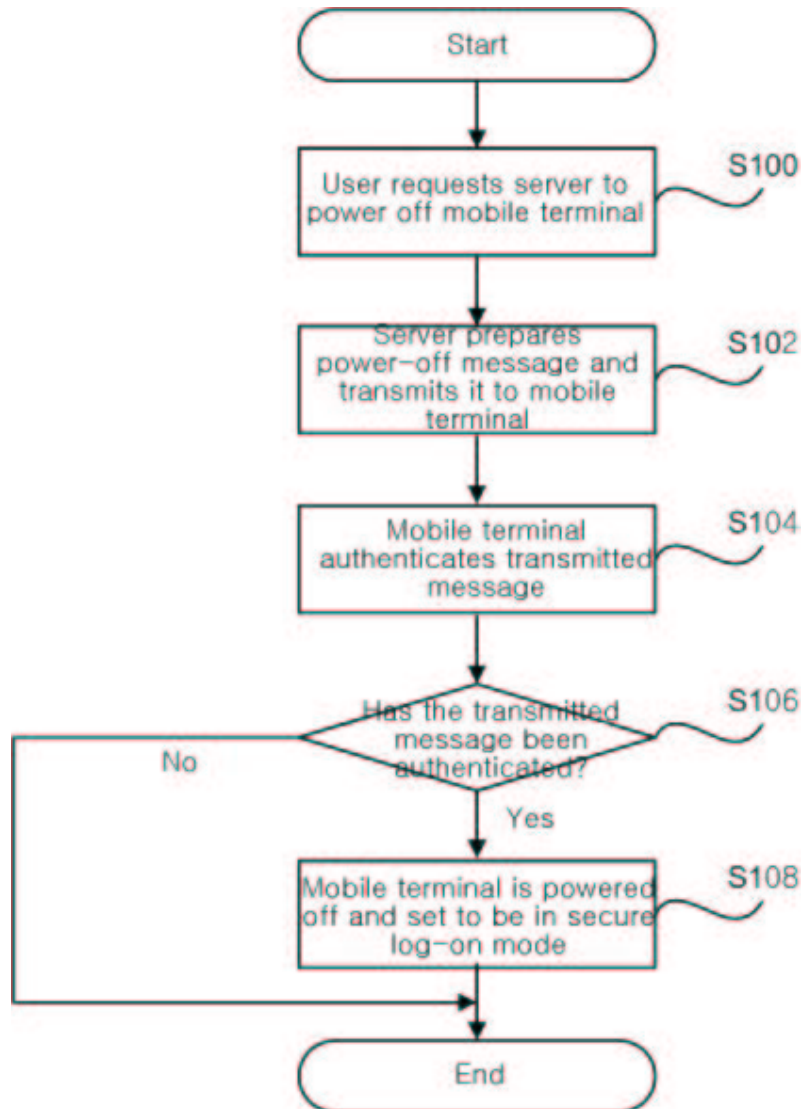


FIG. 3

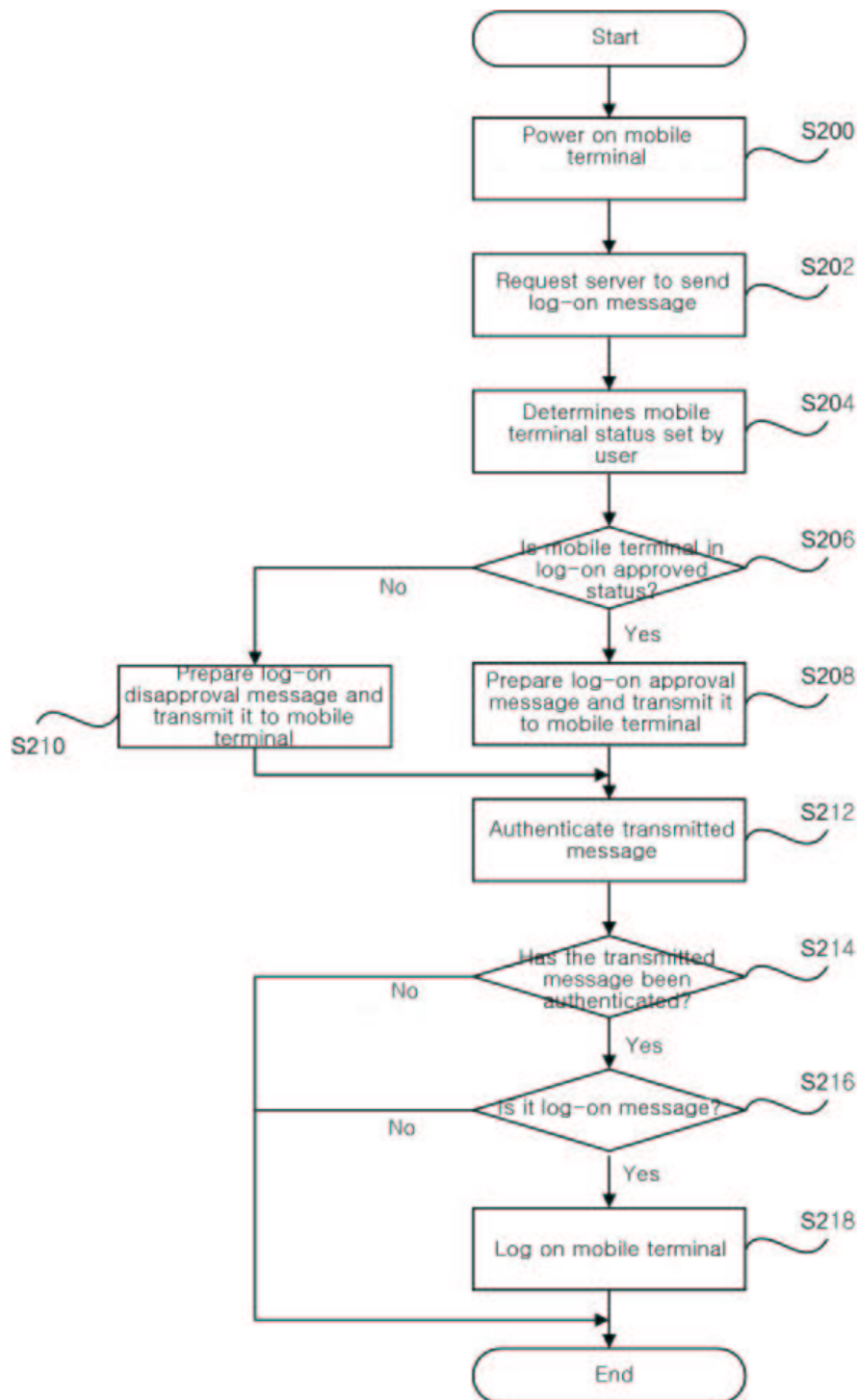


FIG. 4

Power Off Message

Power Off	Smart phone ID	Random Number
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Signed Power Off Message

Power Off	Smart phone ID	Random Number	Digital signature(Power Off Smart phone ID Random Number)	Server certificate
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Secure Log On Request Message

Secure Log On Request	Smart phone ID
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Secure Log On Approval Message

Secure Log On Approval	Smart phone ID	Random Number
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Signed Secure Log On Approval Message

Secure Log On Approval	Smart phone ID	Random Number	Digital signature(Secure Log On Approval Smart phone ID Random Number)	Server certificate
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Secure Log On Disapproval Message

Secure Log On Disapproval	Smart phone ID	Random Number
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Signed Secure Log On Disapproval Message

Secure Log On Disapproval	Smart phone ID	Random Number	Digital signature(Secure Log On Disapproval Smart phone ID Random Number)	Server certificate
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