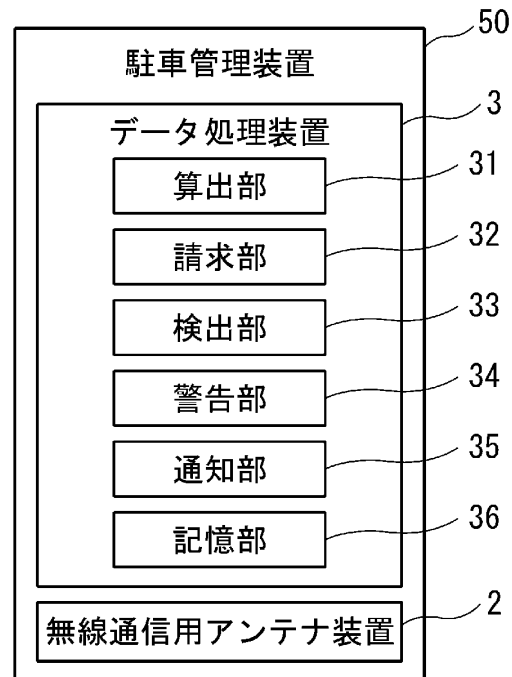
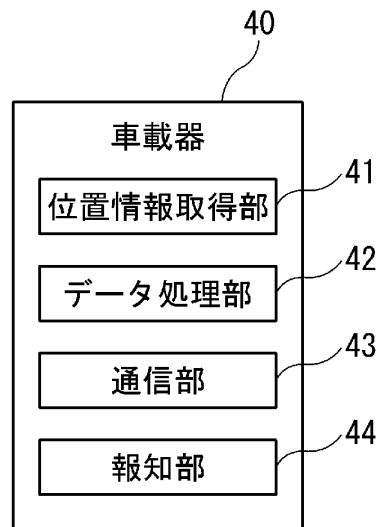


[図2]



[図3]



```

graph TD
    subgraph 3 [データ処理装置]
        S105[S105 入場した車載器ID、入場時刻および車種を記憶]
        S111[S111 車載器IDに基づき記憶された入場時刻を検索]
        S112[S112 入場時刻と出場時刻の時間差から駐車時間を算出]
        S113[S113 車種と駐車時間から駐車料金を計算]
    end

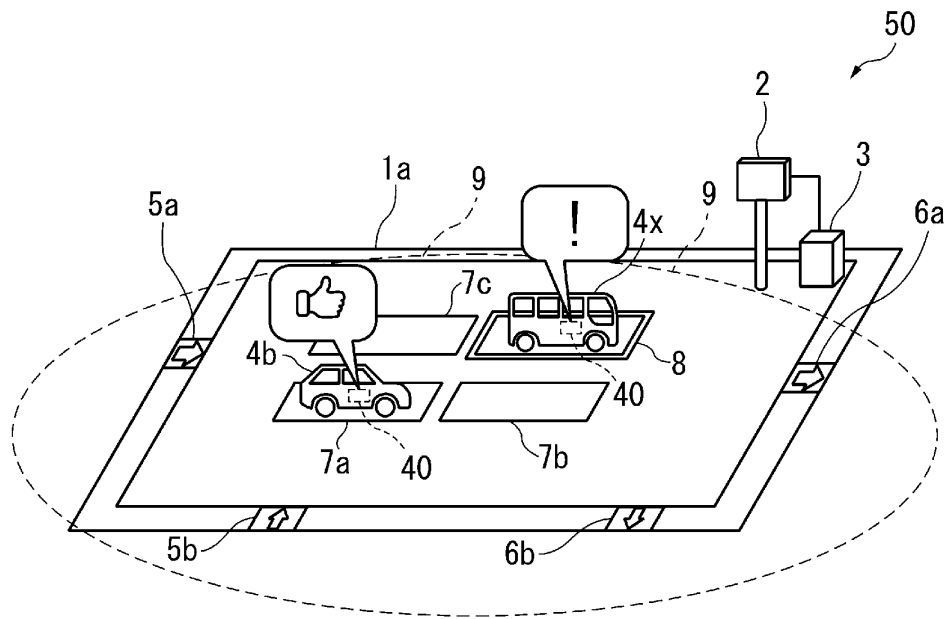
    subgraph 2 [無線通信用アンテナ装置]
        S101[S101 無線通信信号を周期的に送信]
        S104[S104 プローブデータを受信し、入場を認識]
        S110[S110 プローブデータを受信し、出場を認識]
        S114[S114 料金請求を送信]
    end

    subgraph 40 [車載器]
        S102[S102 無線通信信号を受信]
        S103[S103 車載器ID、車種および位置情報を含むプローブデータを周期的に送信]
        S106[S106 キーオフ状態]
        S107[S107 キーオン状態]
        S108[S108 無線通信信号を受信]
        S109[S109 車載器ID、車種および位置情報を含むプローブデータを周期的に送信]
        S115[S115 課金決済を実行]
        S116[S116 決済結果を送信]
    end

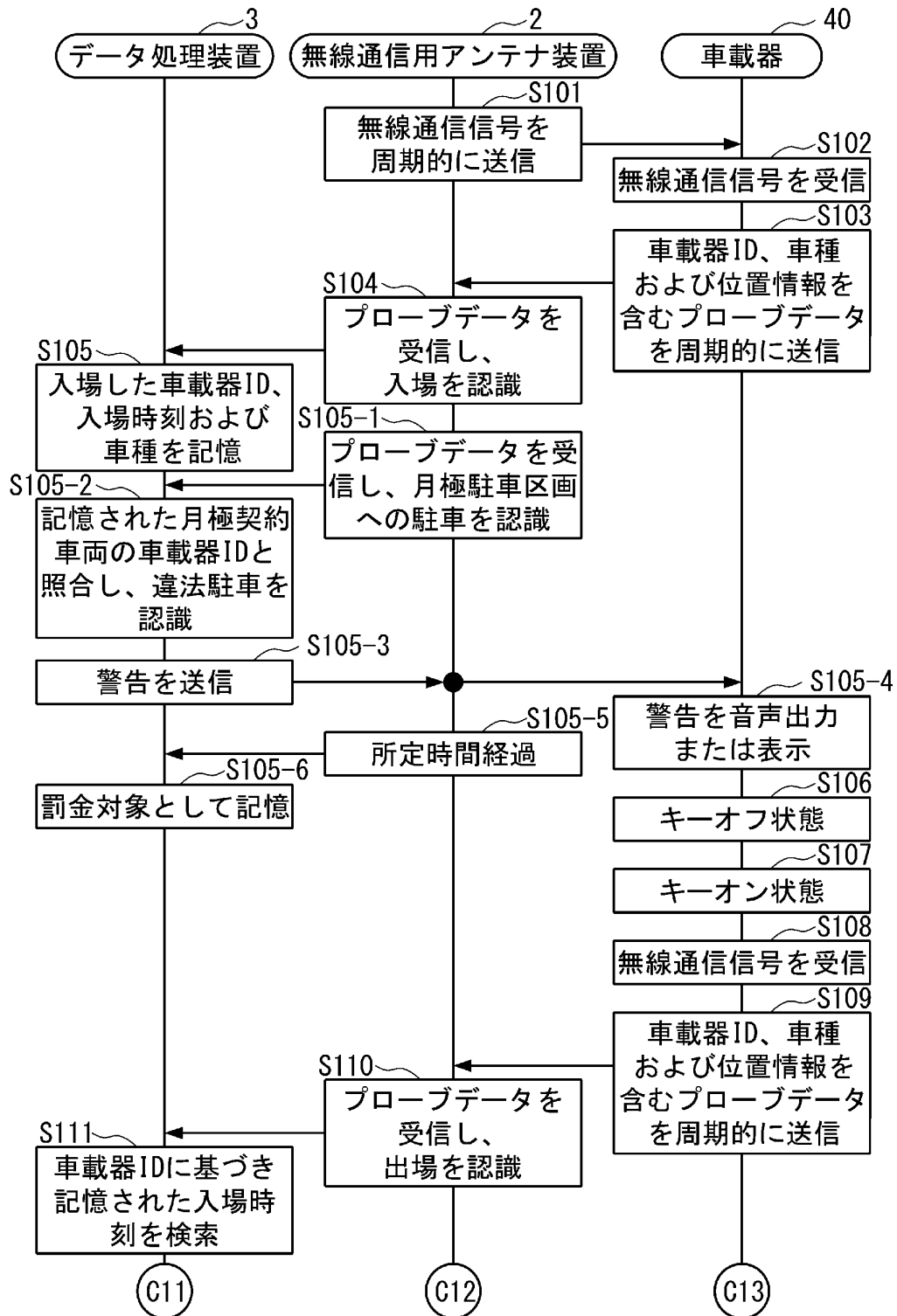
    S101 --> S102
    S103 --> S104
    S104 --> S105
    S105 --> S111
    S106 --> S107
    S107 --> S108
    S108 --> S110
    S109 --> S110
    S110 --> S111
    S111 --> S112
    S112 --> S113
    S113 --> S114
    S114 --> S114
    S114 --> S115
    S115 --> S116
    S116 --> S114

    S105 --> END1((END))
    S114 --> END2((END))
    S116 --> END3((END))
  
```

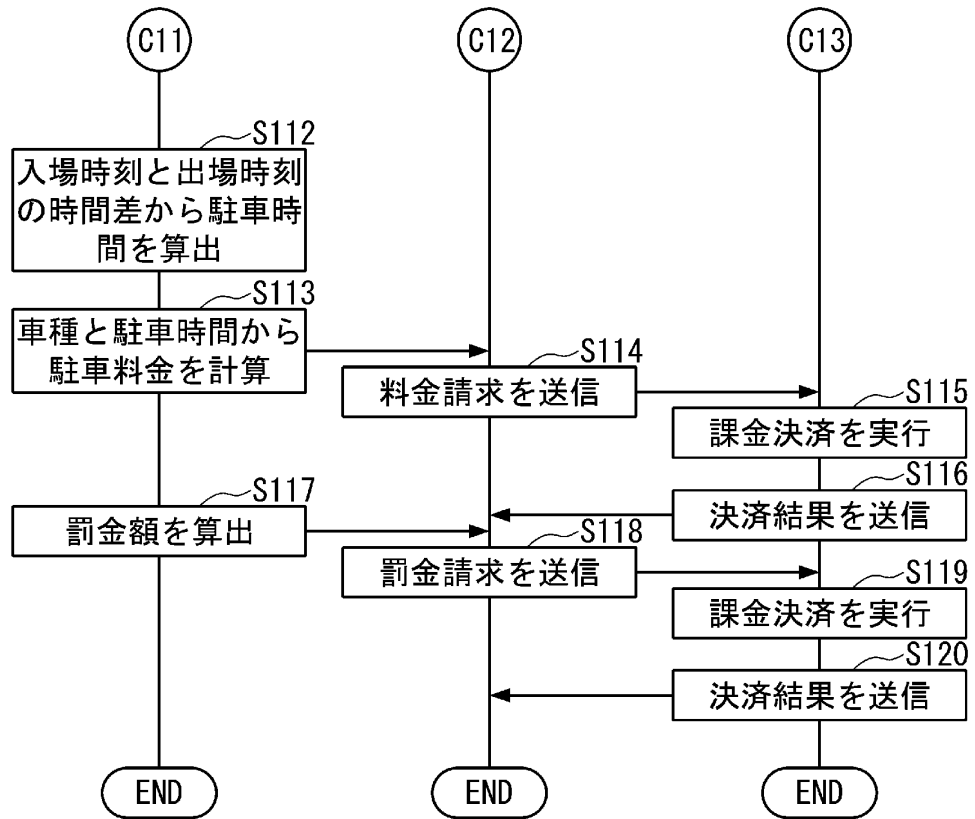
[図5]



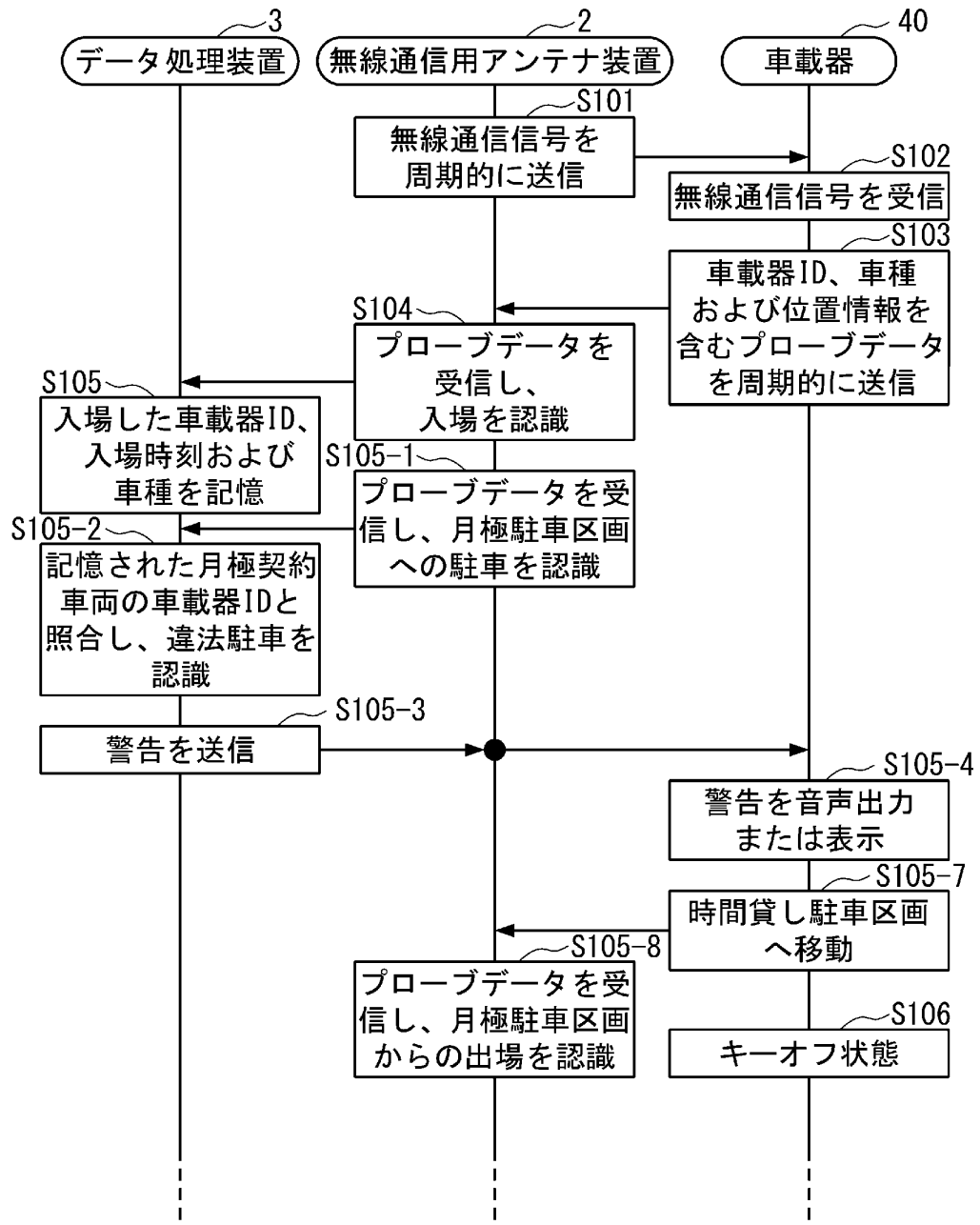
[図6]



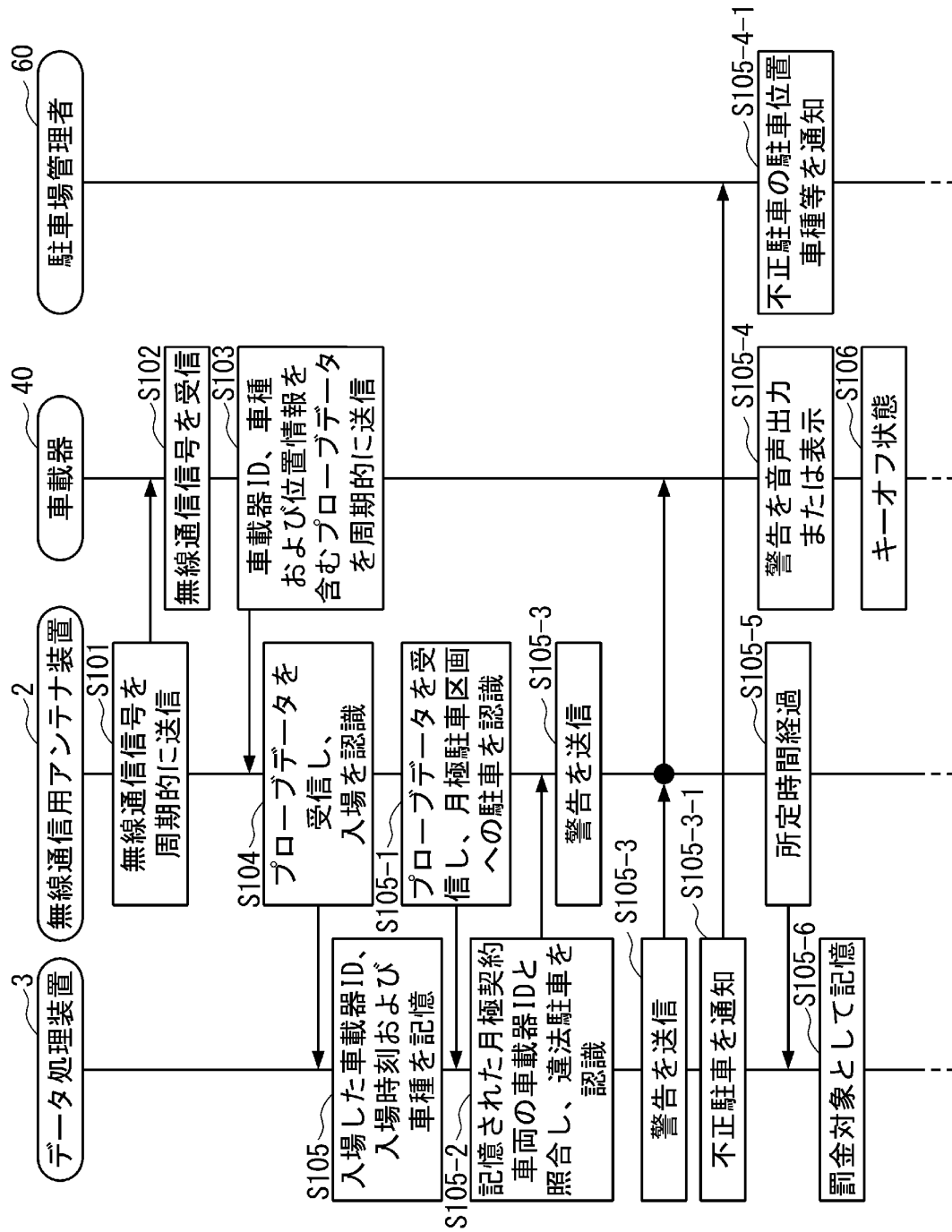
[図7]



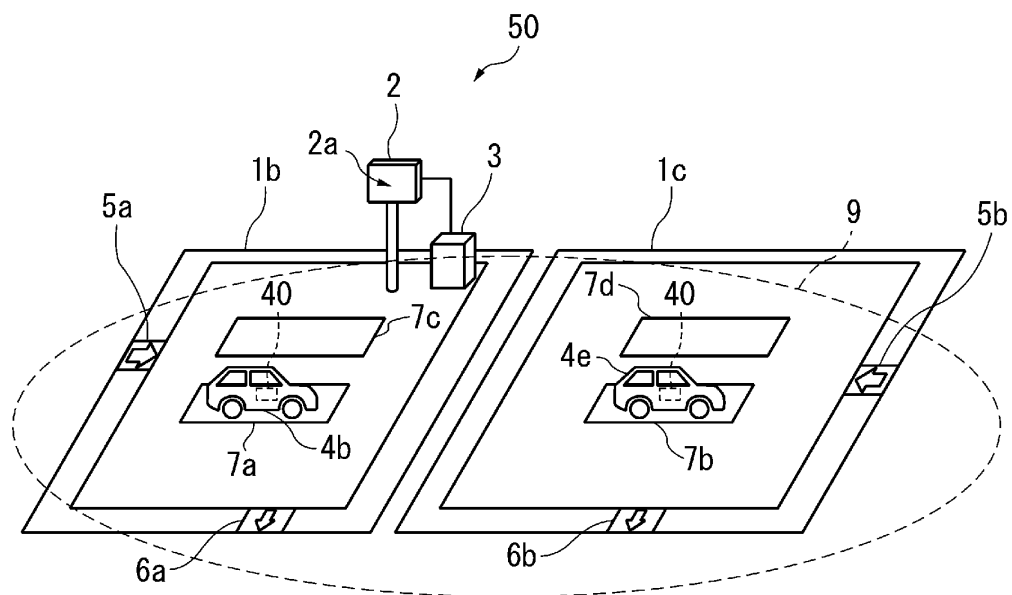
[図8]



[図9]



[図10]



[図11]

