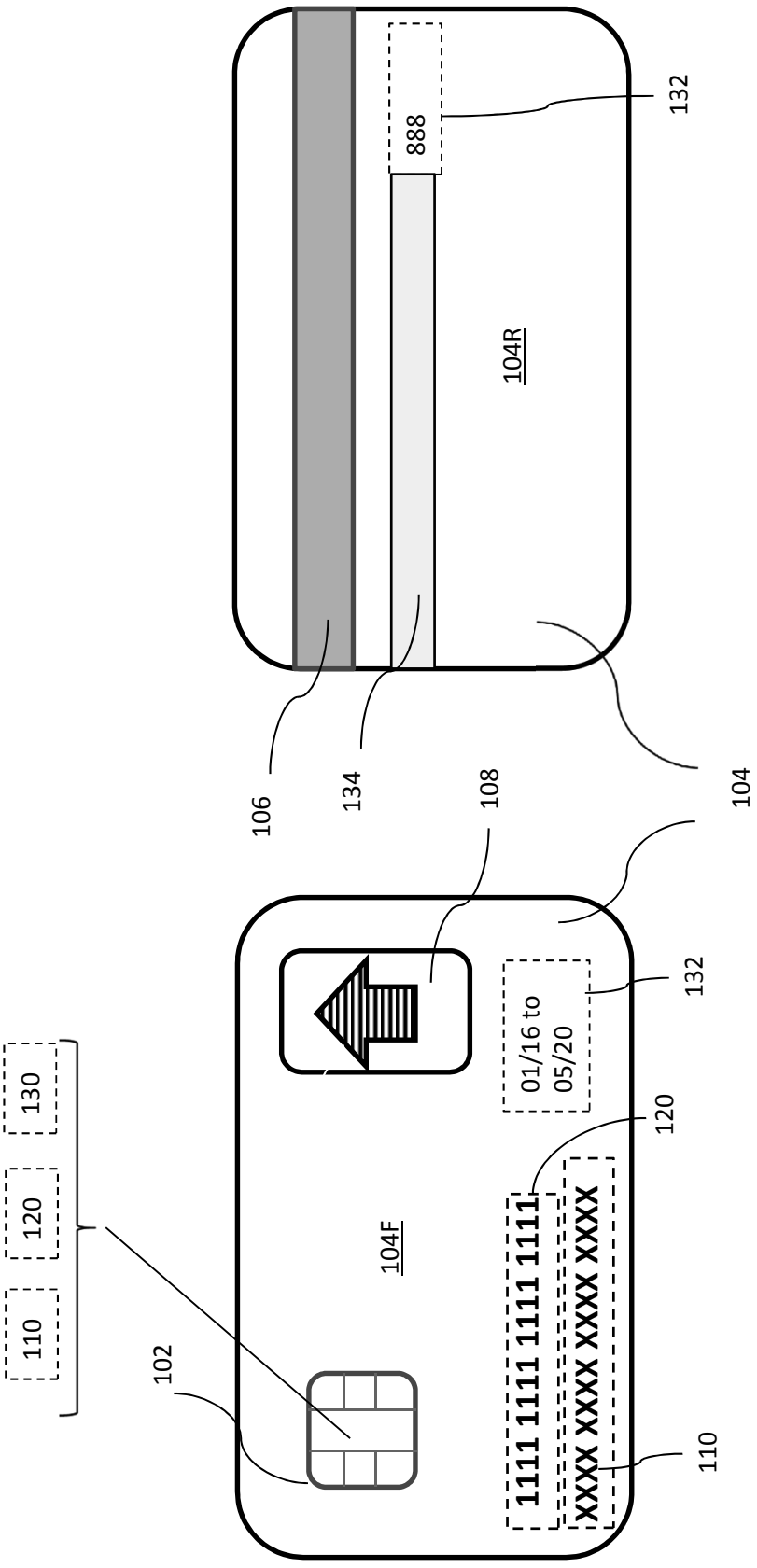

888
132
104R
106
134
108
104
132
01/16 to
05/20
120
1111 1111 1111 1111
XXXX XXXX XXXX XXXX
110
104F
102
130
120
110

Figure 1

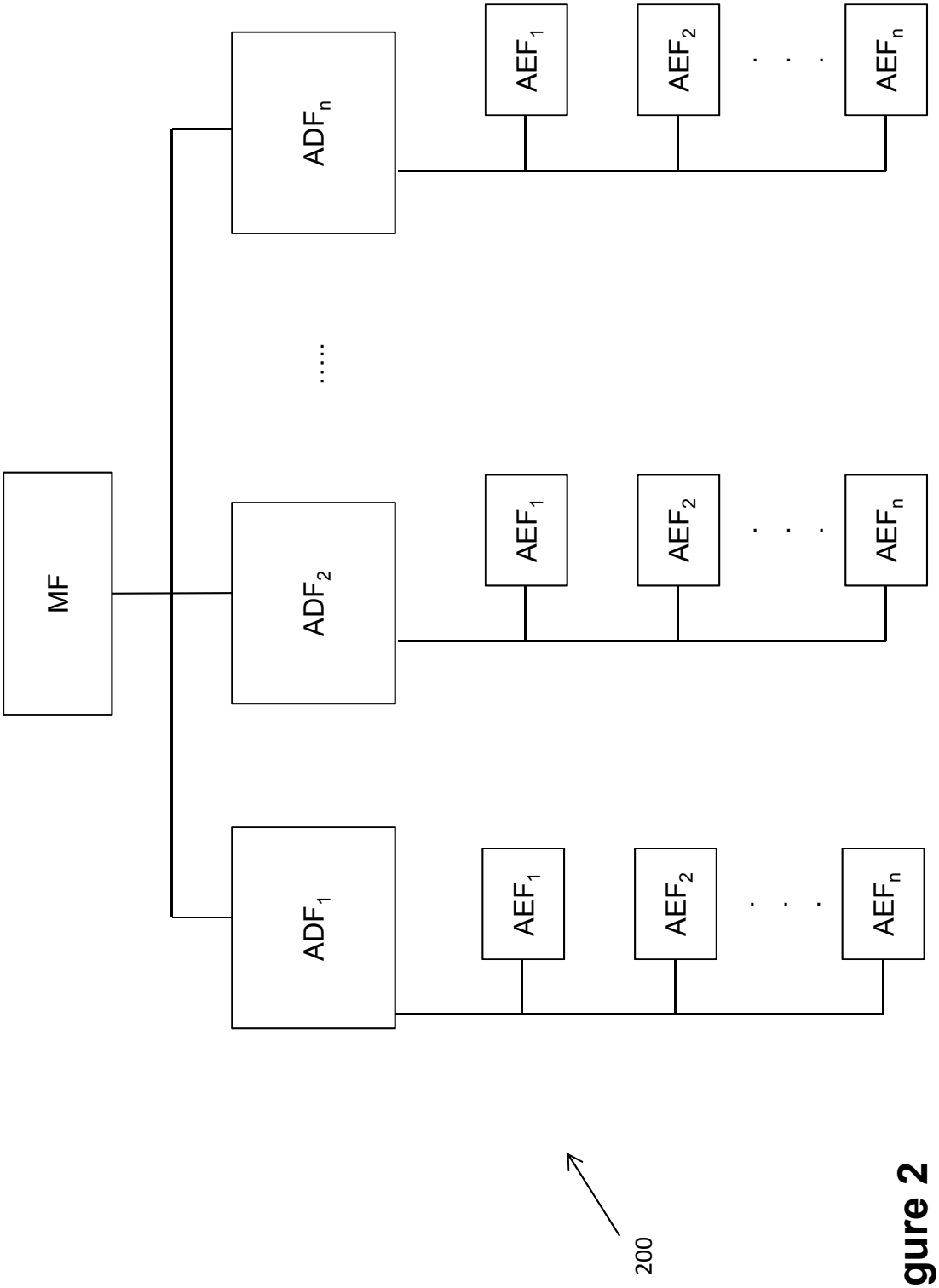


Figure 2

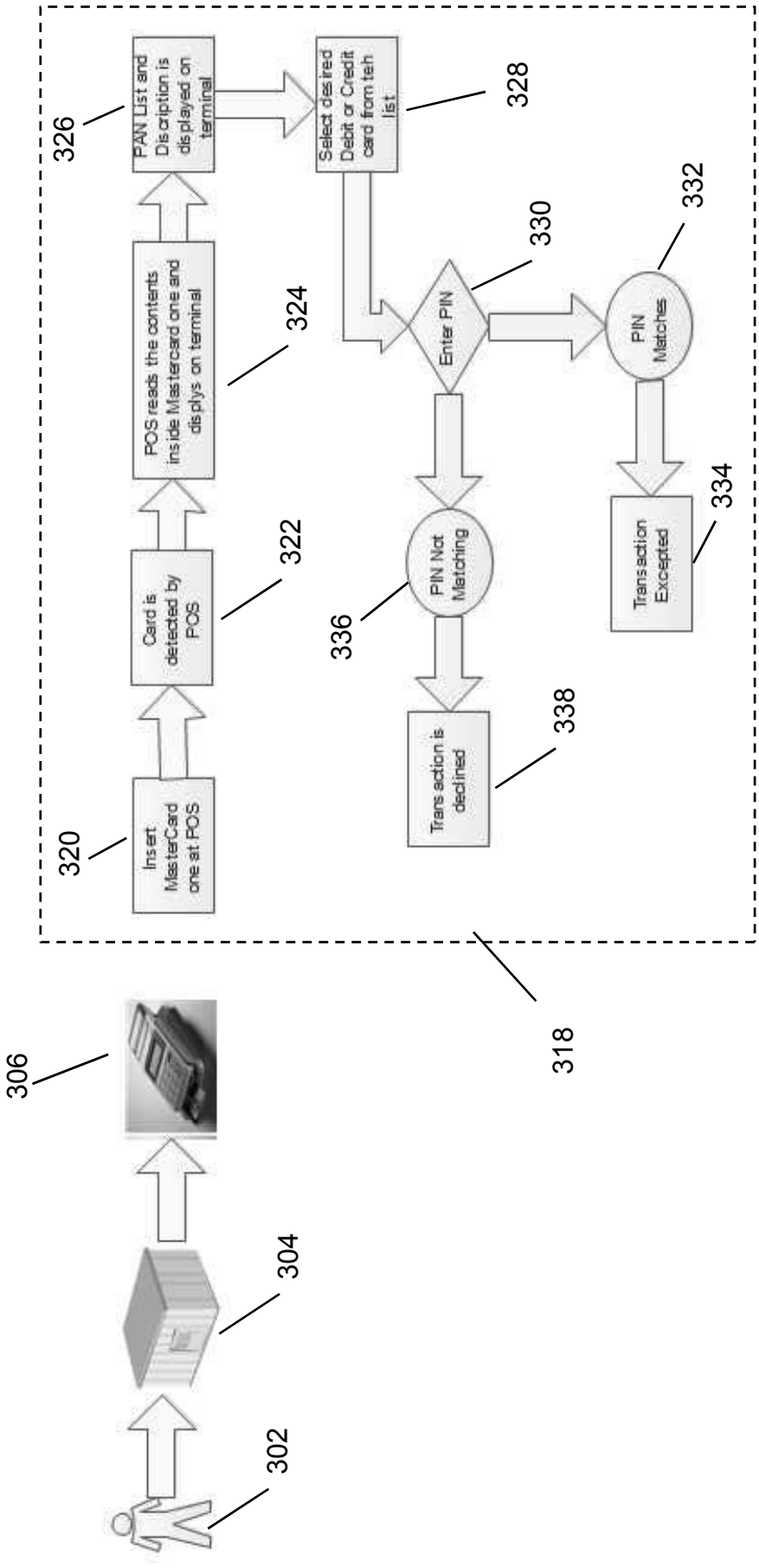

302
304
306
318
320
Insert MasterCard one at POS
322
Card is detected by POS
324
POS reads the contents inside Mastercard one and displys on terminal
326
PAN List and Discription is displayed on terminal
328
Select desired Debit or Credit card from teh list
330
Enter PIN
332
PIN Matches
334
Transaction Excepted
336
PIN Not Matching
338
Trans action is declined

Figure 3

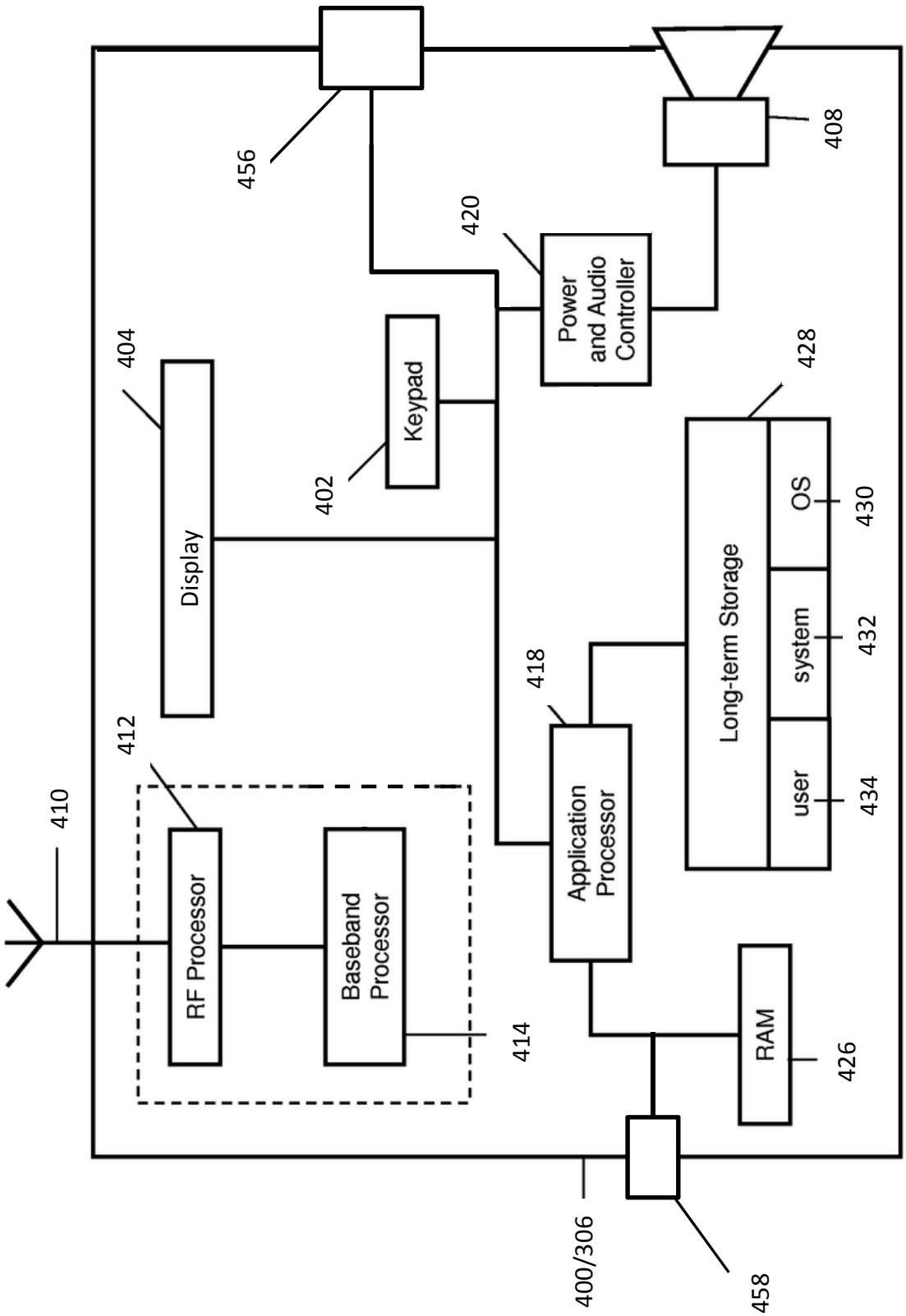

456
408
420
Power and Audio Controller
404
Keypad
402
Display
428
Long-term Storage
OS
430
system
432
user
434
418
Application Processor
412
410
RF Processor
Baseband Processor
414
RAM
426
400/306
458

Figure 4

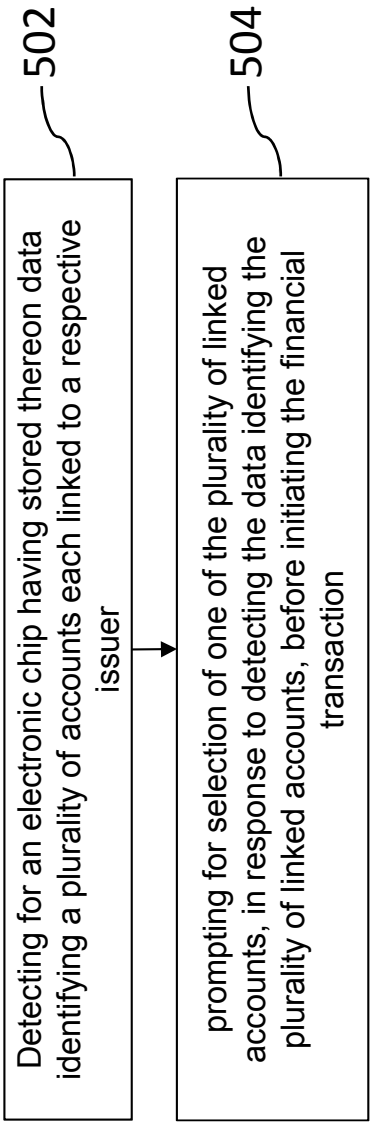

502
Detecting for an electronic chip having stored thereon data identifying a plurality of accounts each linked to a respective issuer
504
prompting for selection of one of the plurality of linked accounts, in response to detecting the data identifying the plurality of linked accounts, before initiating the financial transaction

Figure 5