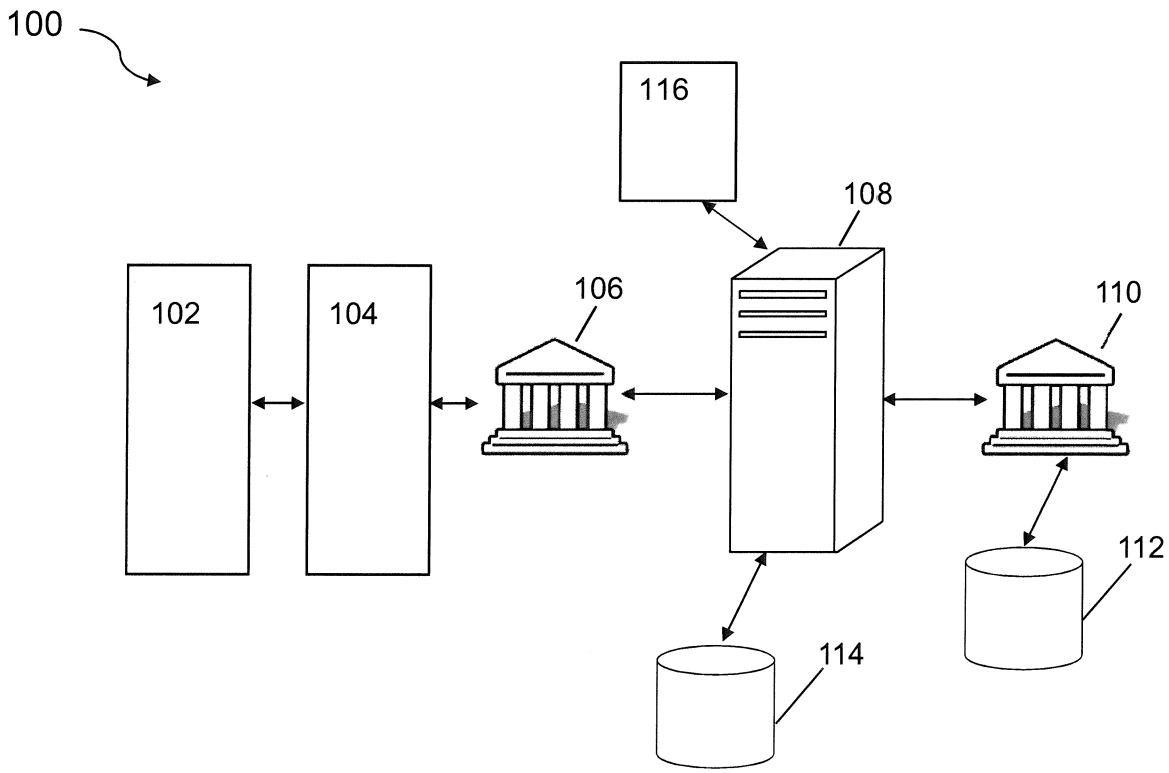


Figure 1

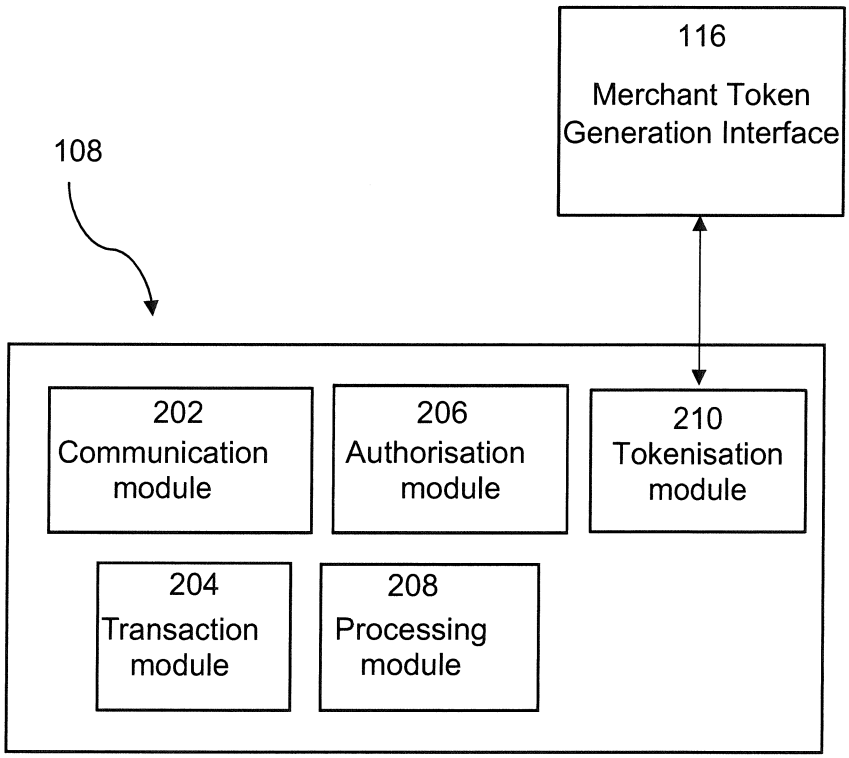

116
Merchant Token Generation Interface
108
202
Communication module
206
Authorisation module
210
Tokenisation module
204
Transaction module
208
Processing module

Figure 2

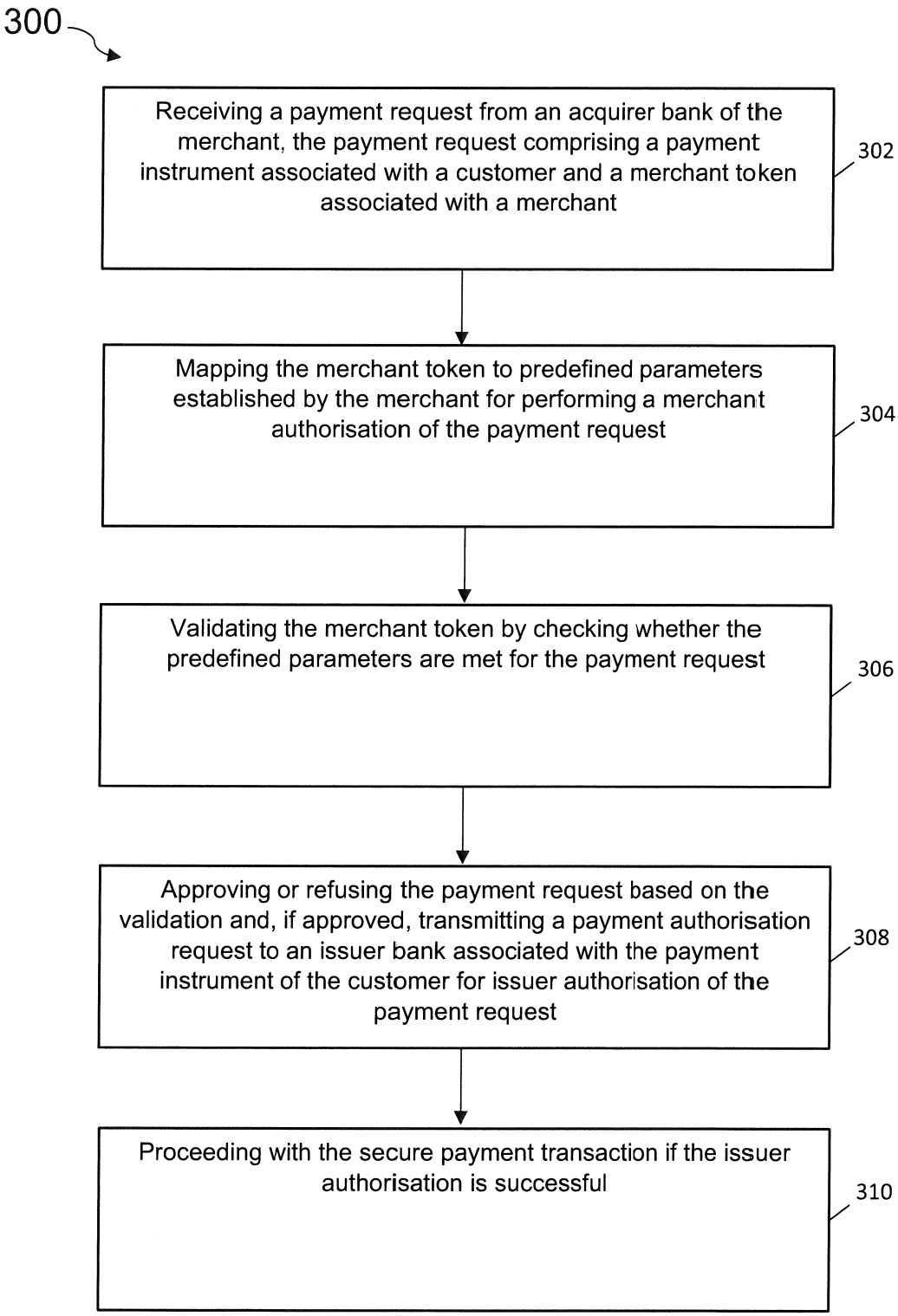

300
Receiving a payment request from an acquirer bank of the merchant, the payment request comprising a payment instrument associated with a customer and a merchant token associated with a merchant
302
Mapping the merchant token to predefined parameters established by the merchant for performing a merchant authorisation of the payment request
304
Validating the merchant token by checking whether the predefined parameters are met for the payment request
306
Approving or refusing the payment request based on the validation and, if approved, transmitting a payment authorisation request to an issuer bank associated with the payment instrument of the customer for issuer authorisation of the payment request
308
Proceeding with the secure payment transaction if the issuer authorisation is successful
310

Figure 3

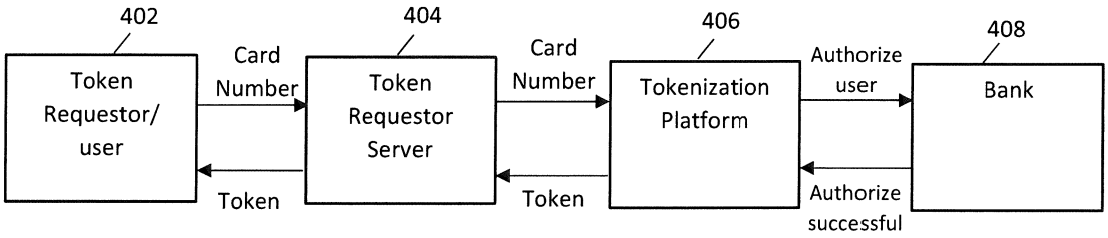


Figure 4A – Prior Art

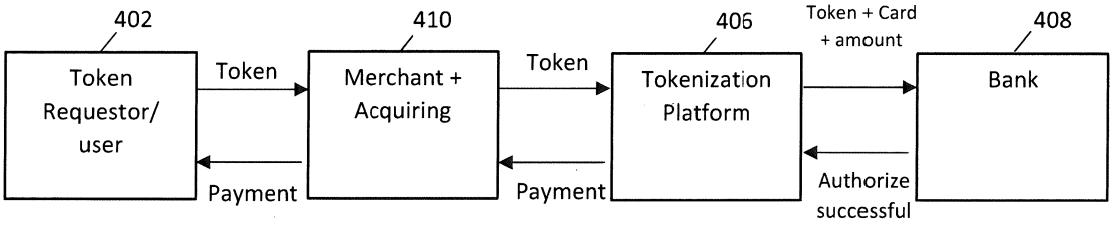


Figure 4B – Prior Art

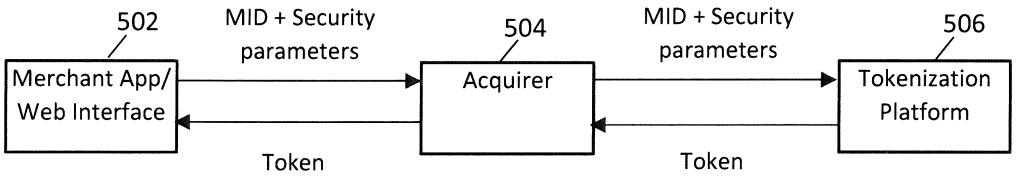


Figure 5A

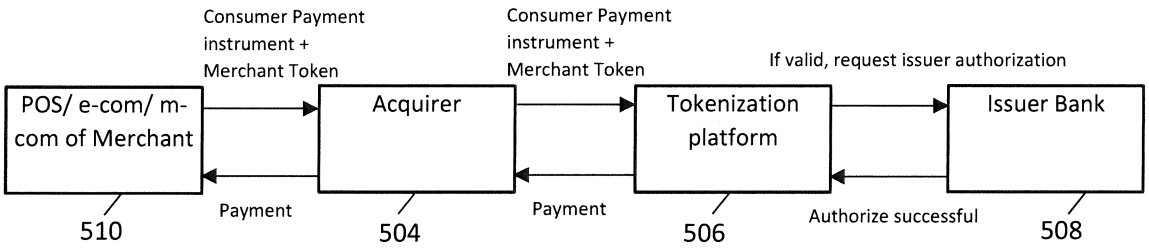


Figure 5B

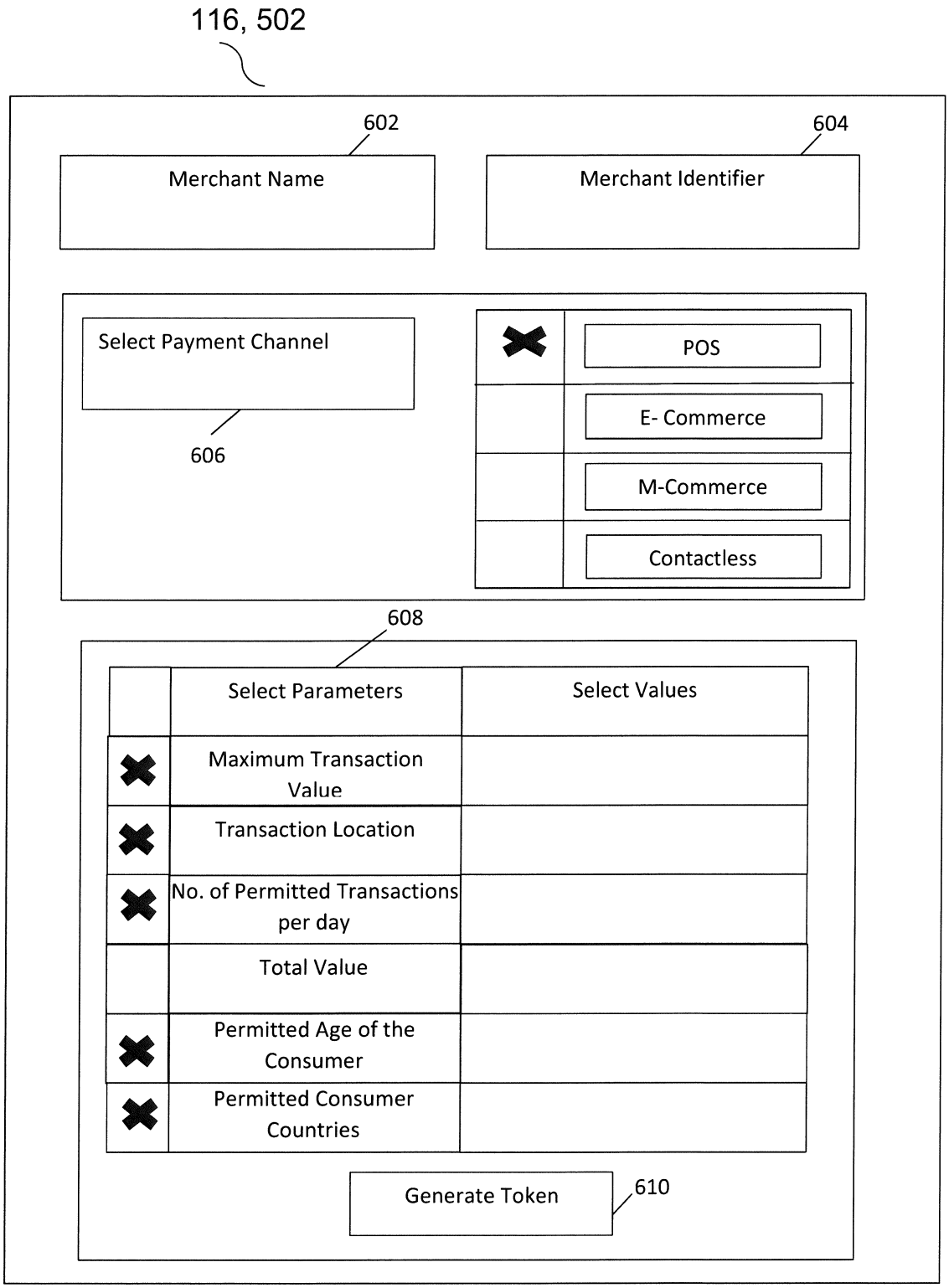

116, 502
602
Merchant Name
604
Merchant Identifier
Select Payment Channel
606
POS
E- Commerce
M-Commerce
Contactless
608
Select Parameters
Select Values
Maximum Transaction Value
Transaction Location
No. of Permitted Transactions per day
Total Value
Permitted Age of the Consumer
Permitted Consumer Countries
Generate Token
610

Figure 6

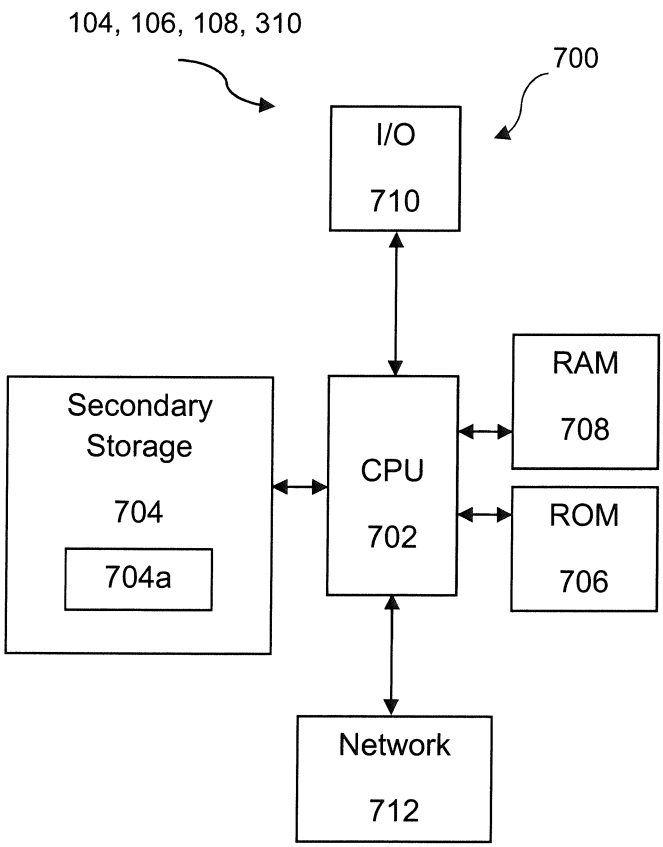

104, 106, 108, 310
700
I/O
710
RAM
708
Secondary
Storage
704
704a
CPU
702
ROM
706
Network
712

Figure 7

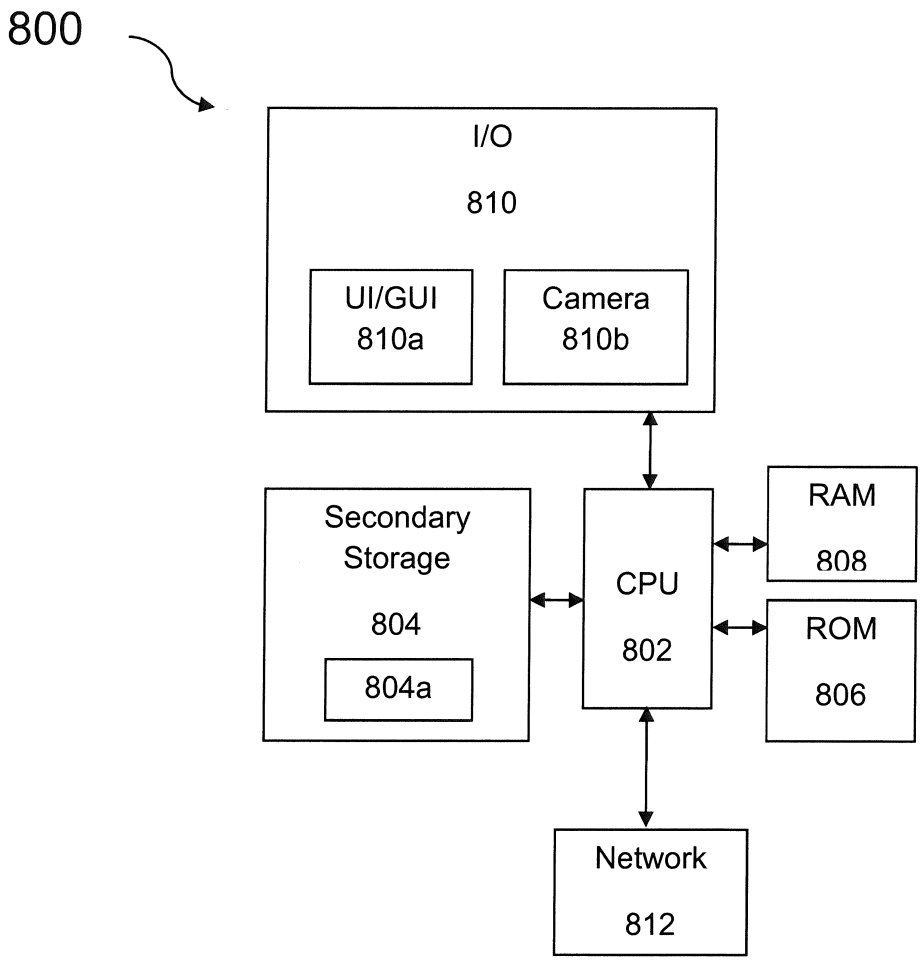

800
I/O
810
UI/GUI
810a
Camera
810b
Secondary
Storage
804
804a
CPU
802
RAM
808
ROM
806
Network
812

Figure 8