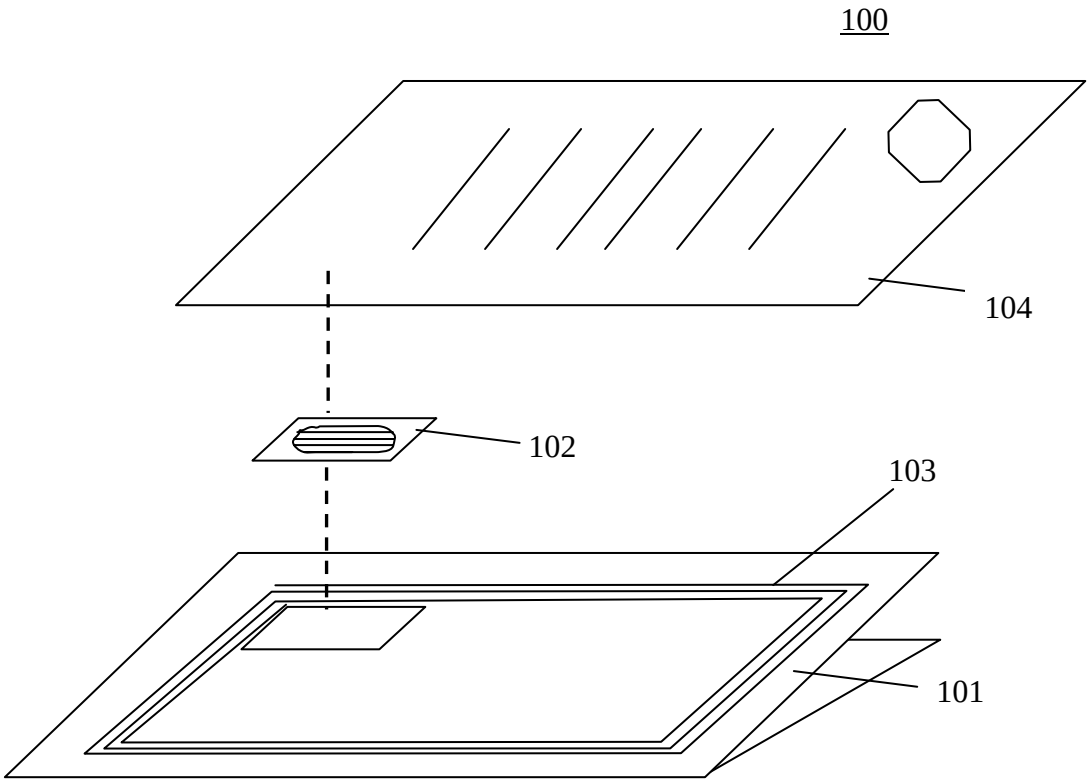


Fig. 1

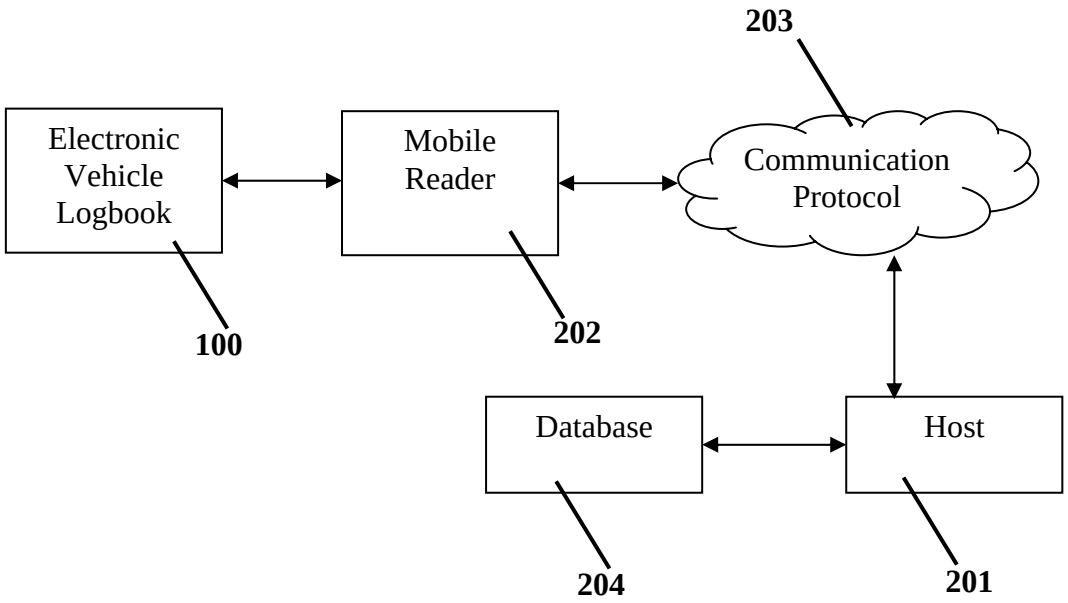

203
Electronic Vehicle Logbook
Mobile Reader
Communication Protocol
100
202
Database
Host
204
201

FIG. 2

Vehicle Owner Data
Vehicle ID No. _____

Period of Ownership	Name	Identification Number	Date of Birth	Address

Fig. 3A

Vehicle Details
Vehicle ID No. _____

Year of Production: _____
Model: _____
Colour: _____
Engine specification: _____
Chassis number: _____

Fig. 3B

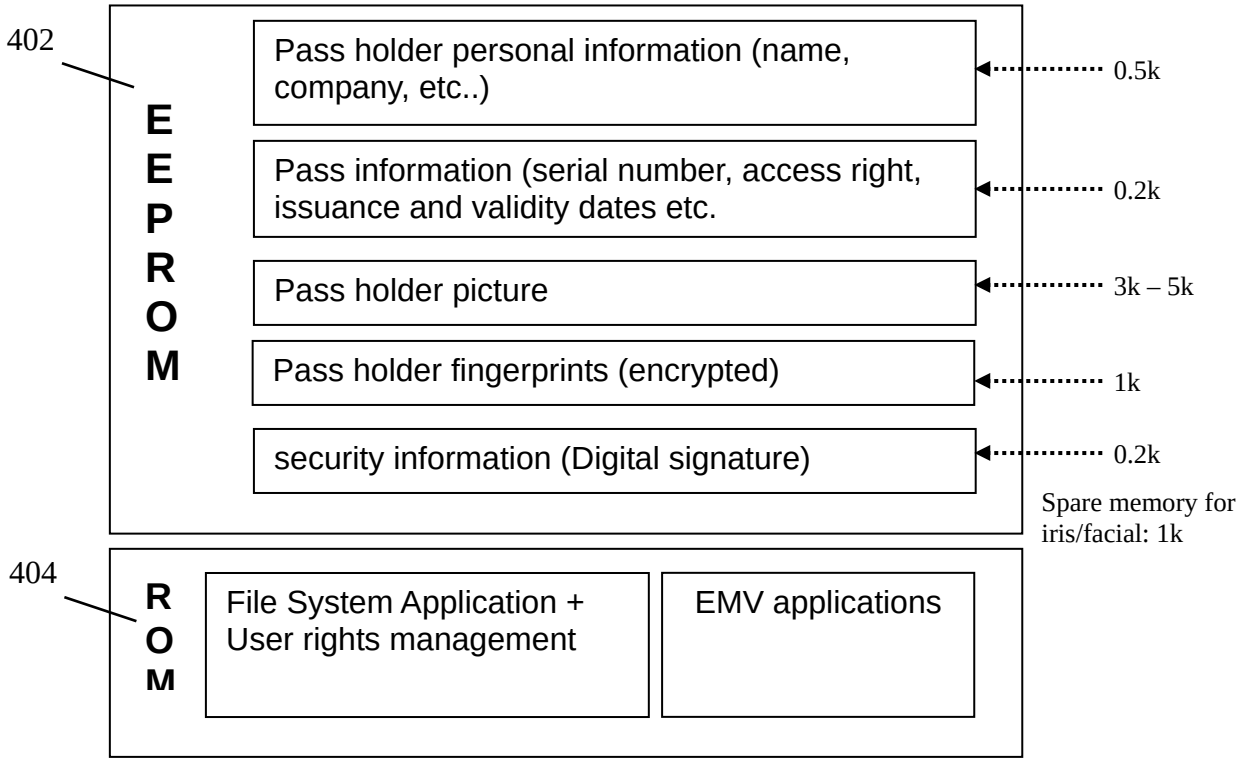

402
EEPROM
Pass holder personal information (name, company, etc..)
0.5k
Pass information (serial number, access right, issuance and validity dates etc.
0.2k
Pass holder picture
3k – 5k
Pass holder fingerprints (encrypted)
1k
security information (Digital signature)
0.2k
Spare memory for iris/facial: 1k
404
ROM
File System Application + User rights management
EMV applications

Fig. 4

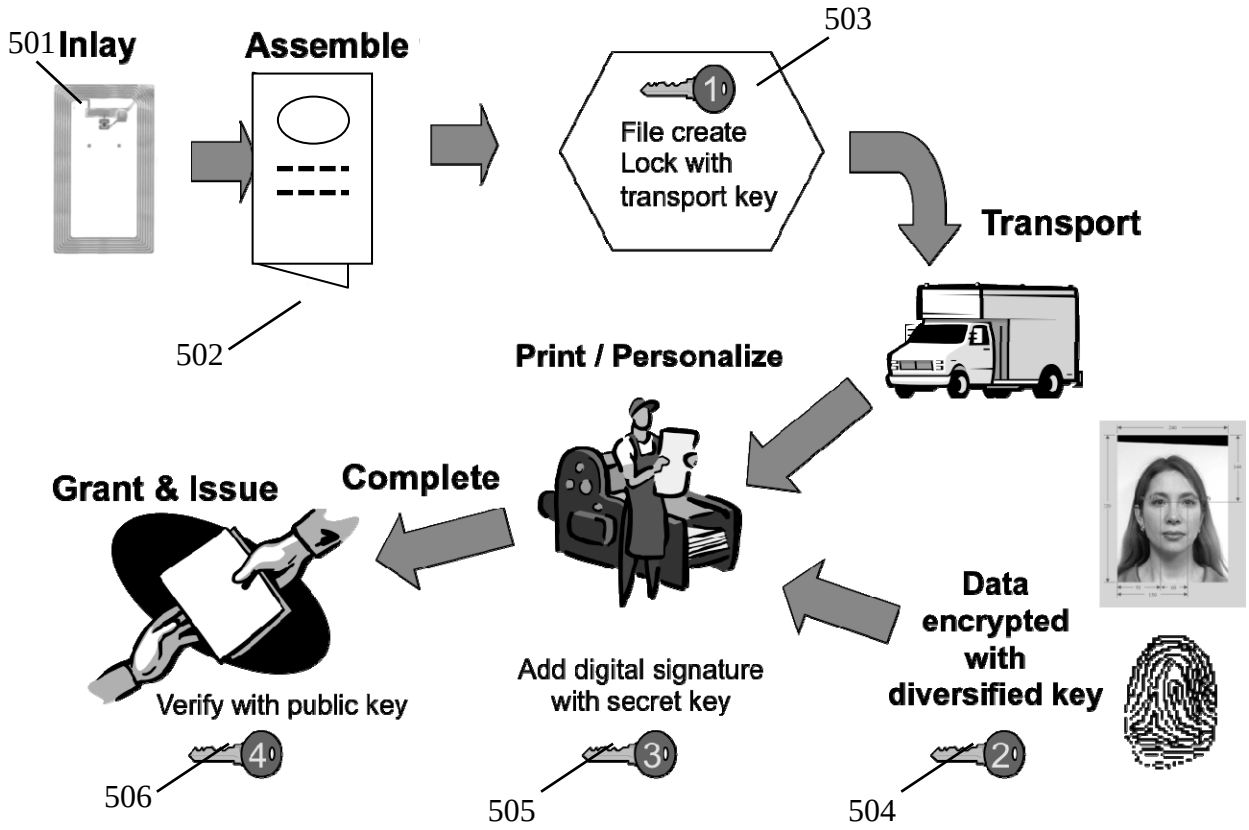

501
Inlay
Assemble
502
503
1
File create
Lock with
transport key
Transport
Print / Personalize
Data
encrypted
with
diversified key
2
504
Add digital signature
with secret key
3
505
Complete
Verify with public key
4
506
Grant & Issue

Fig. 5

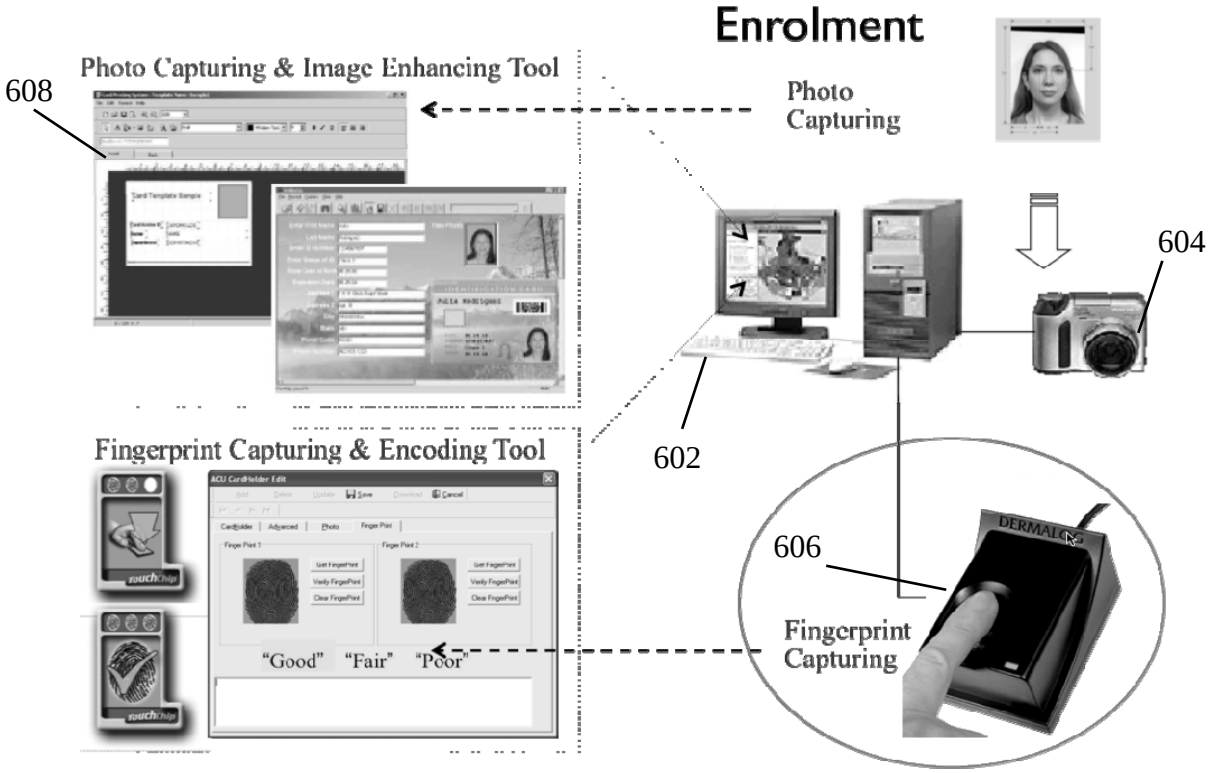

Enrolment
Photo Capturing & Image Enhancing Tool
608
Photo Capturing
604
602
Fingerprint Capturing & Encoding Tool
"Good"
"Fair"
"Poor"
606
Fingerprint Capturing

Fig. 6

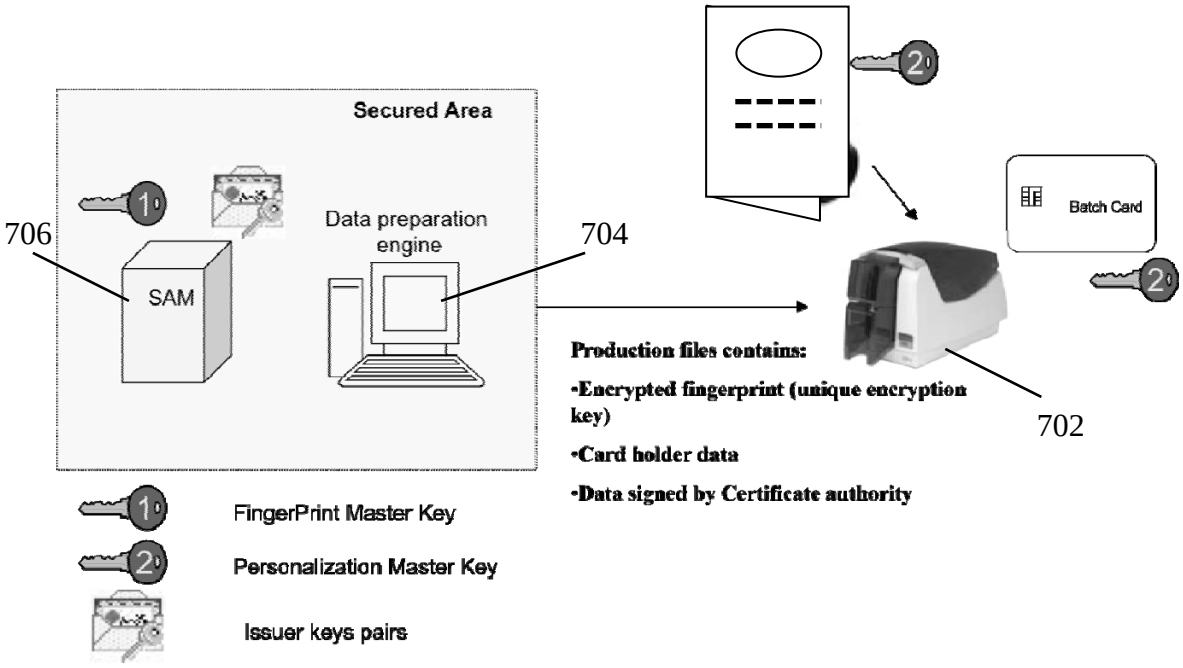

Secured Area
Data preparation engine
SAM
706
704
Batch Card
Production files contains:
•Encrypted fingerprint (unique encryption key)
•Card holder data
•Data signed by Certificate authority
702
FingerPrint Master Key
Personalization Master Key
Issuer keys pairs

FIG. 7