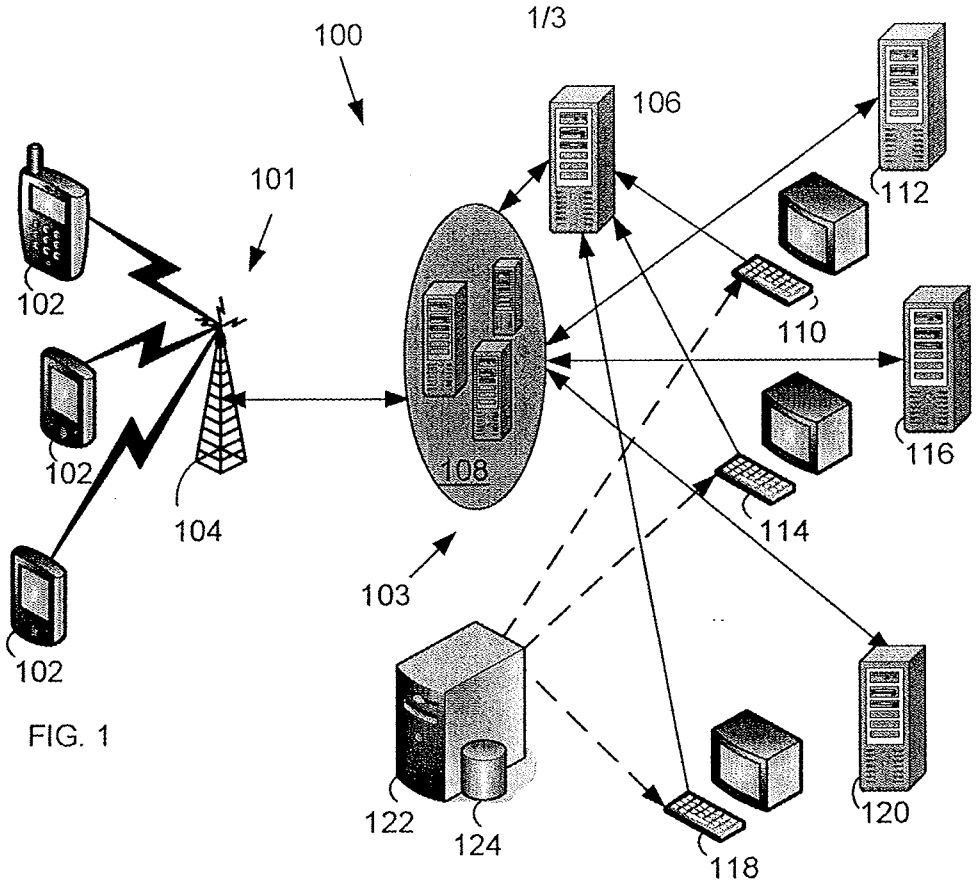

100
101
102
102
102
104
106
108
110
112
114
116
103
120
122
124
118

FIG. 1

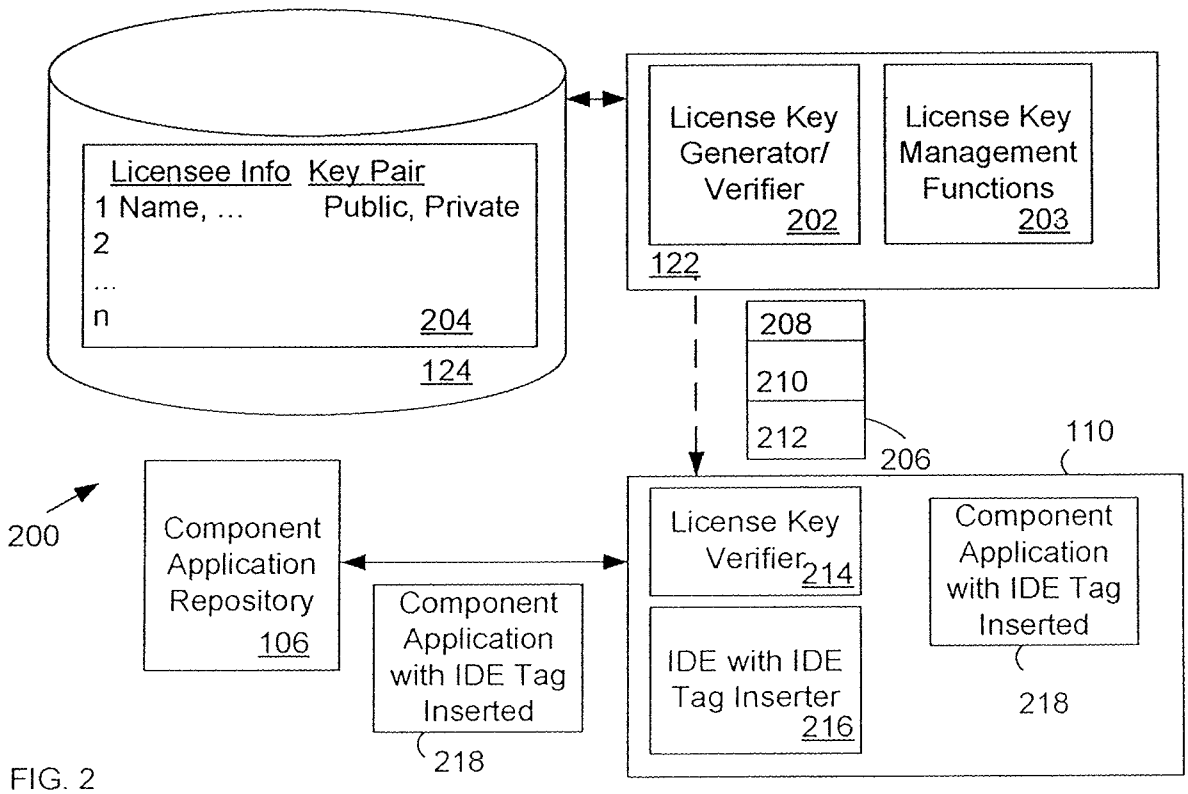

Licensee Info Key Pair
1 Name, ... Public, Private
2
...
n 204
124
License Key Generator/ Verifier 202
License Key Management Functions 203
122
208
210
212
206
110
200
Component Application Repository 106
Component Application with IDE Tag Inserted
218
License Key Verifier 214
IDE with IDE Tag Inserter 216
Component Application with IDE Tag Inserted
218

FIG. 2

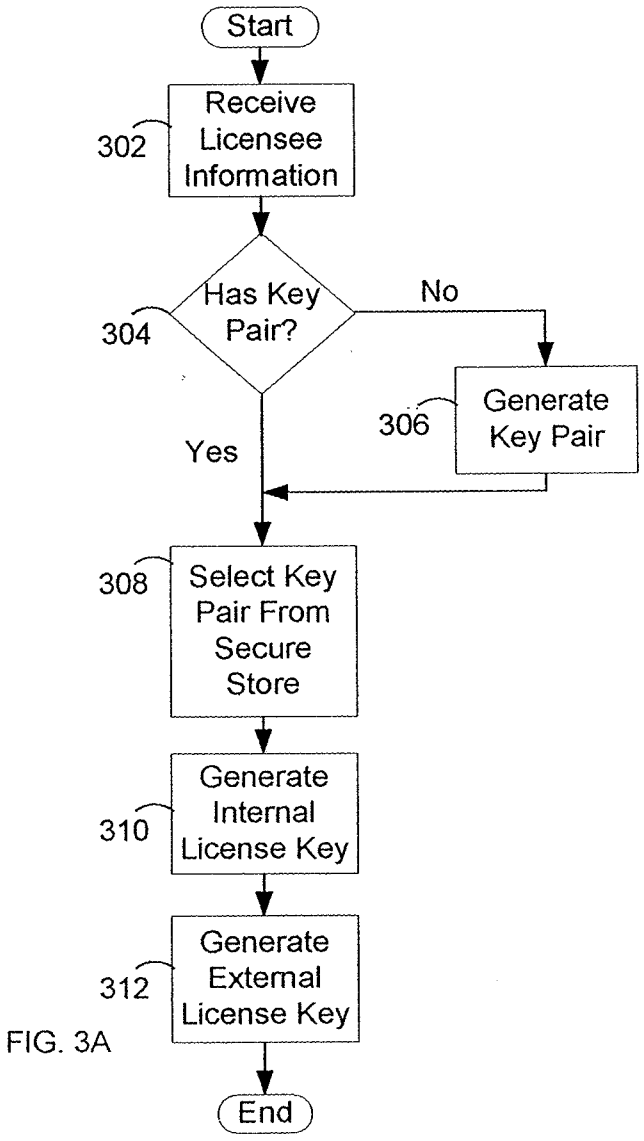

Start
Receive Licensee Information
302
Has Key Pair?
304
No
Yes
Generate Key Pair
306
308
Select Key Pair From Secure Store
Generate Internal License Key
310
Generate External License Key
312
End

FIG. 3A

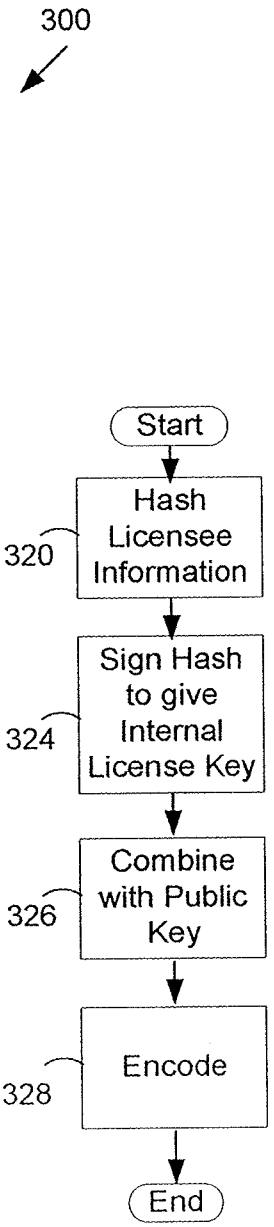

300
Start
Hash Licensee Information
320
Sign Hash to give Internal License Key
324
Combine with Public Key
326
Encode
328
End

FIG. 3B

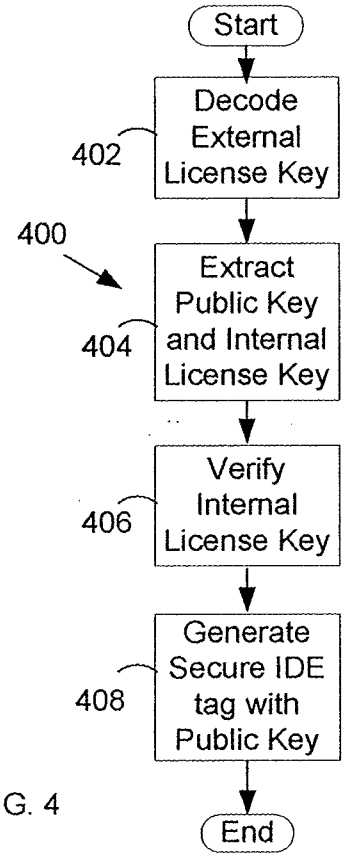

Start
Decode External License Key
402
400
Extract Public Key and Internal License Key
404
Verify Internal License Key
406
Generate Secure IDE tag with Public Key
408
End

FIG. 4

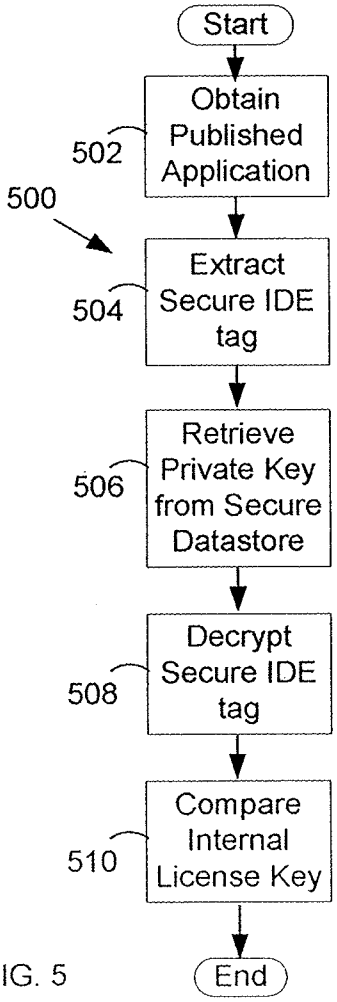

Start
Obtain Published Application
502
500
Extract Secure IDE tag
504
Retrieve Private Key from Secure Datastore
506
Decrypt Secure IDE tag
508
Compare Internal License Key
510
End

FIG. 5