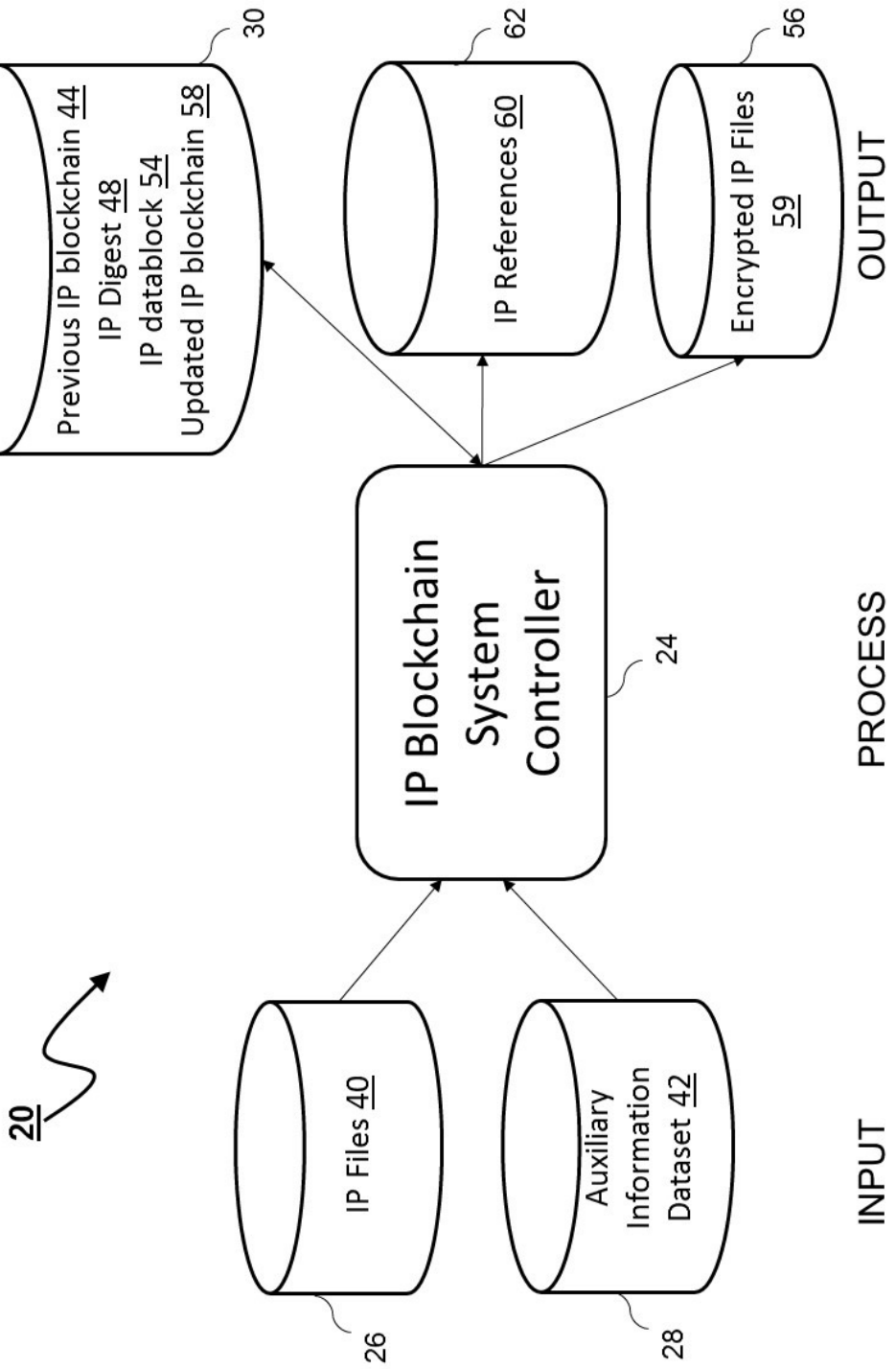
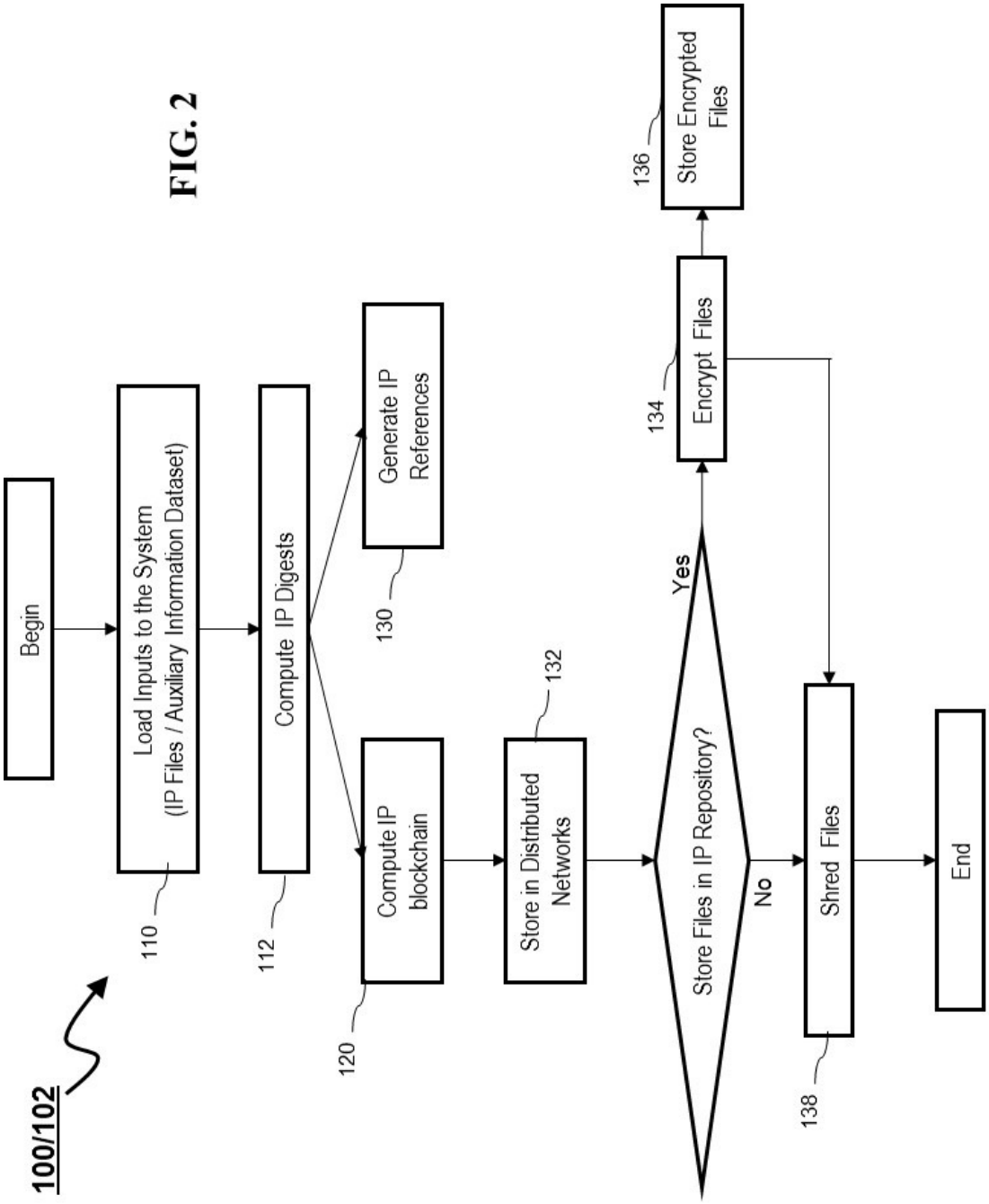

20
IP Files 40
Auxiliary Information Dataset 42
IP Blockchain System Controller
24
Previous IP blockchain 44
IP Digest 48
IP datablock 54
Updated IP blockchain 58
30
IP References 60
62
Encrypted IP Files 59
56
26
28
INPUT
PROCESS
OUTPUT

FIG. 1

FIG. 2


100/102
Begin
Load Inputs to the System
(IP Files / Auxiliary Information Dataset)
110
Compute IP Digests
112
Generate IP References
130
Compute IP blockchain
120
Store in Distributed Networks
132
Store Files in IP Repository?
Yes
No
Encrypt Files
134
Store Encrypted Files
136
Shred Files
138
End

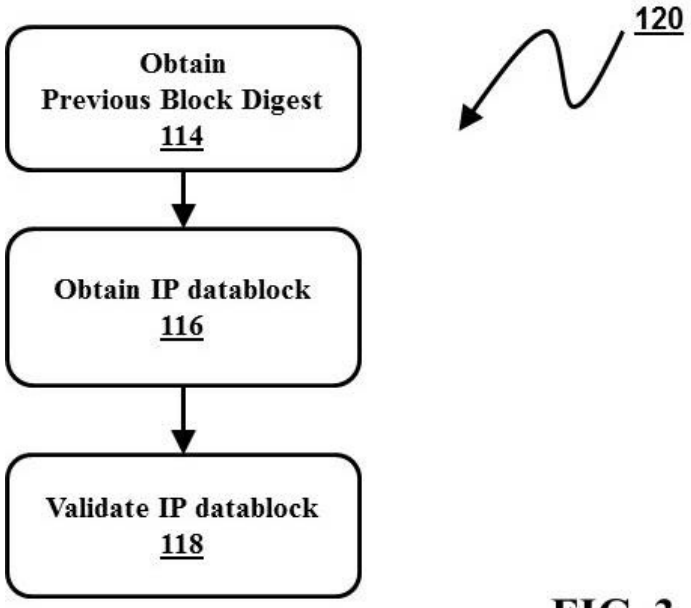

120
Obtain
Previous Block Digest
114
Obtain IP datablock
116
Validate IP datablock
118

FIG. 3

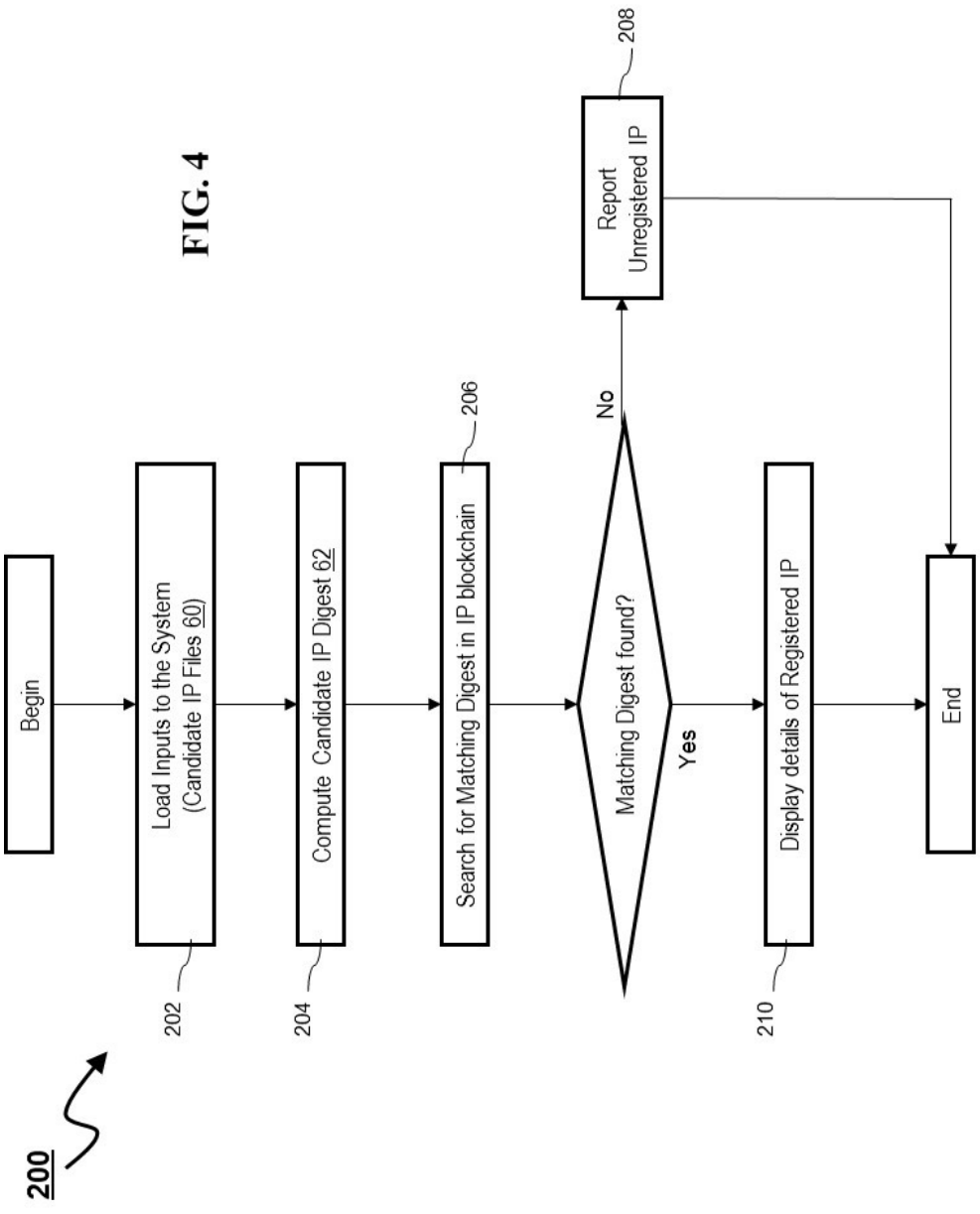
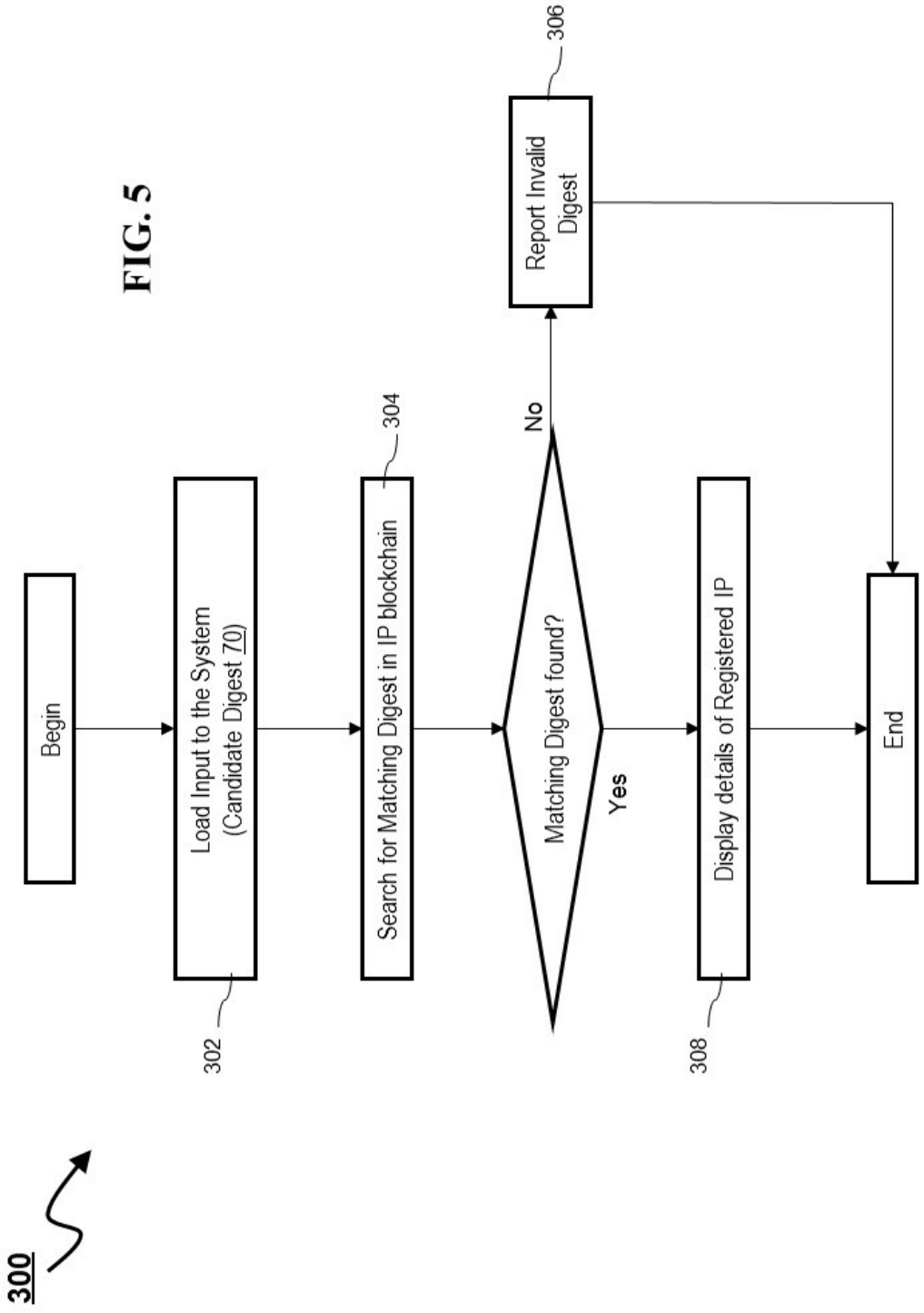

200
Begin
Load Inputs to the System (Candidate IP Files 60)
202
Compute Candidate IP Digest 62
204
Search for Matching Digest in IP blockchain
206
Matching Digest found?
No
Yes
Report Unregistered IP
208
Display details of Registered IP
210
End

FIG. 4

FIG. 5


300
Begin
Load Input to the System (Candidate Digest 70)
302
Search for Matching Digest in IP blockchain
304
Matching Digest found?
No
Report Invalid Digest
306
Yes
Display details of Registered IP
308
End