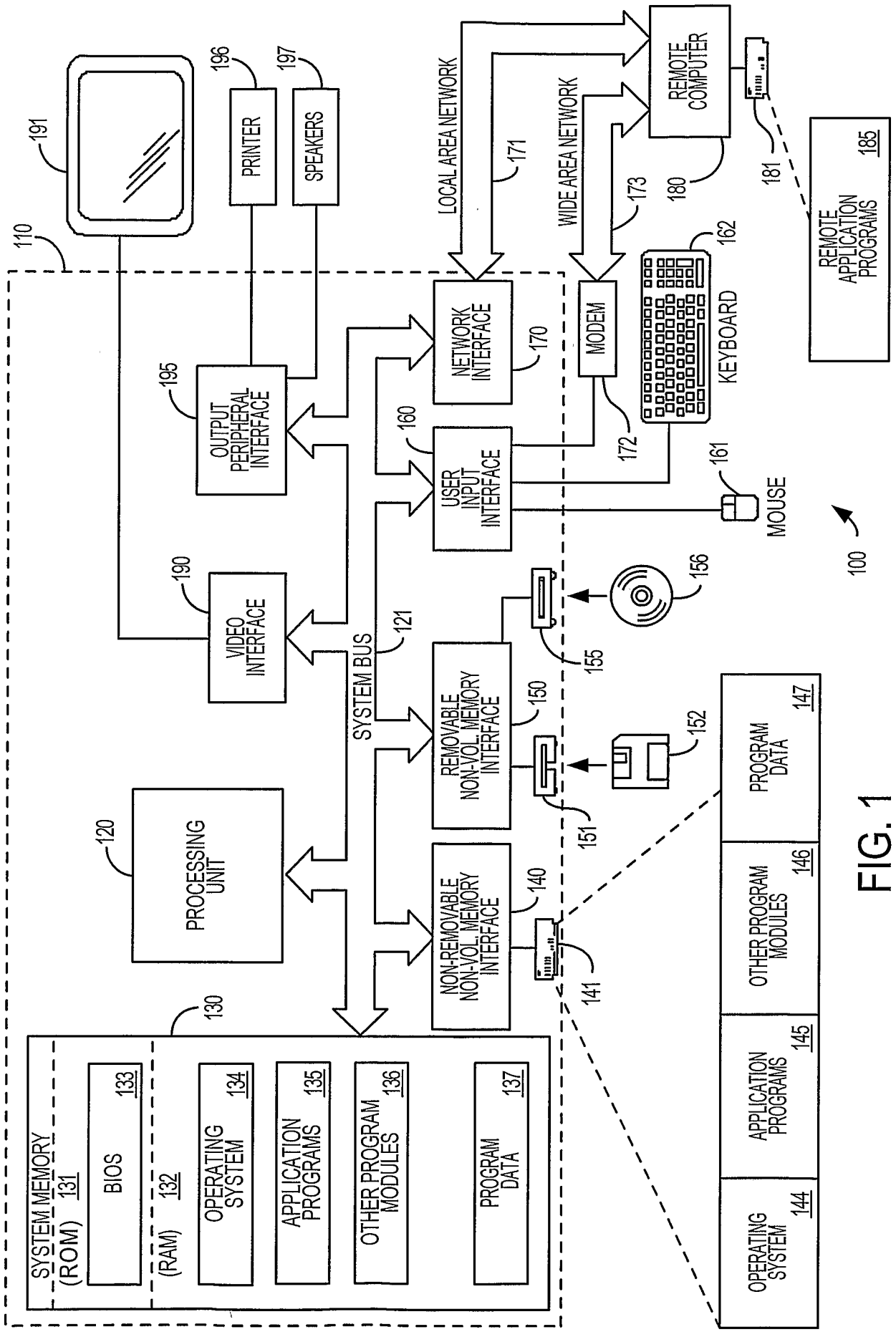

SYSTEM MEMORY (ROM) 131
BIOS 133
(RAM) 132
OPERATING SYSTEM 134
APPLICATION PROGRAMS 135
OTHER PROGRAM MODULES 136
PROGRAM DATA 137
130
PROCESSING UNIT 120
VIDEO INTERFACE 190
OUTPUT PERIPHERAL INTERFACE 195
NETWORK INTERFACE 170
MODEM
USER INPUT INTERFACE 160
REMOVABLE NON-VOL. MEMORY INTERFACE 150
NON-REMOVABLE NON-VOL. MEMORY INTERFACE 140
SYSTEM BUS 121
110
191
PRINTER 196
SPEAKERS 197
LOCAL AREA NETWORK 171
WIDE AREA NETWORK 173
REMOTE COMPUTER
180
181
REMOTE APPLICATION PROGRAMS 185
KEYBOARD 162
172
MOUSE 161
100
156
155
151
152
141
OPERATING SYSTEM 144
APPLICATION PROGRAMS 145
OTHER PROGRAM MODULES 146
PROGRAM DATA 147

FIG. 1

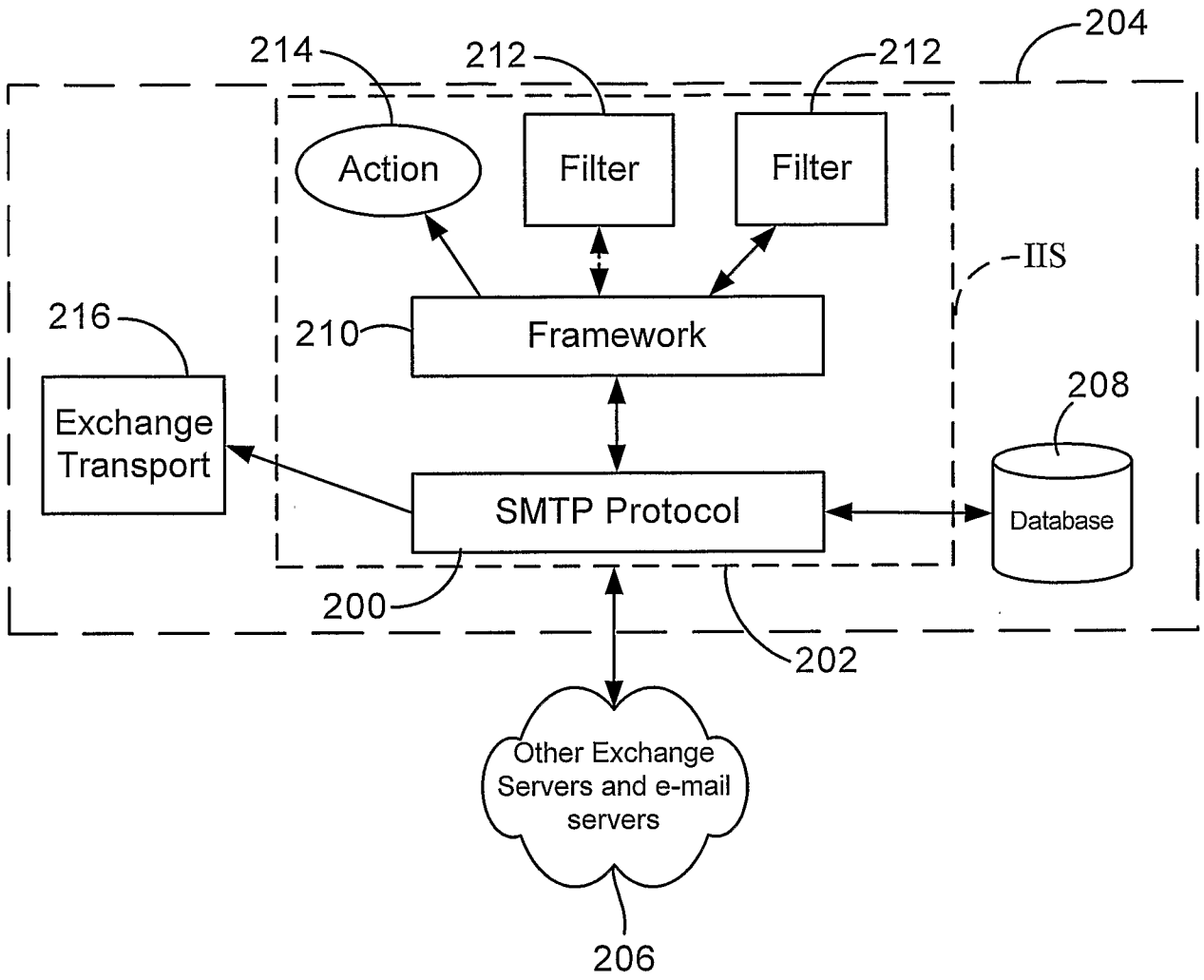

214
212
212
204
Action
Filter
Filter
IIS
216
210
Framework
208
Exchange Transport
SMTP Protocol
Database
200
202
Other Exchange Servers and e-mail servers
206

FIG. 2

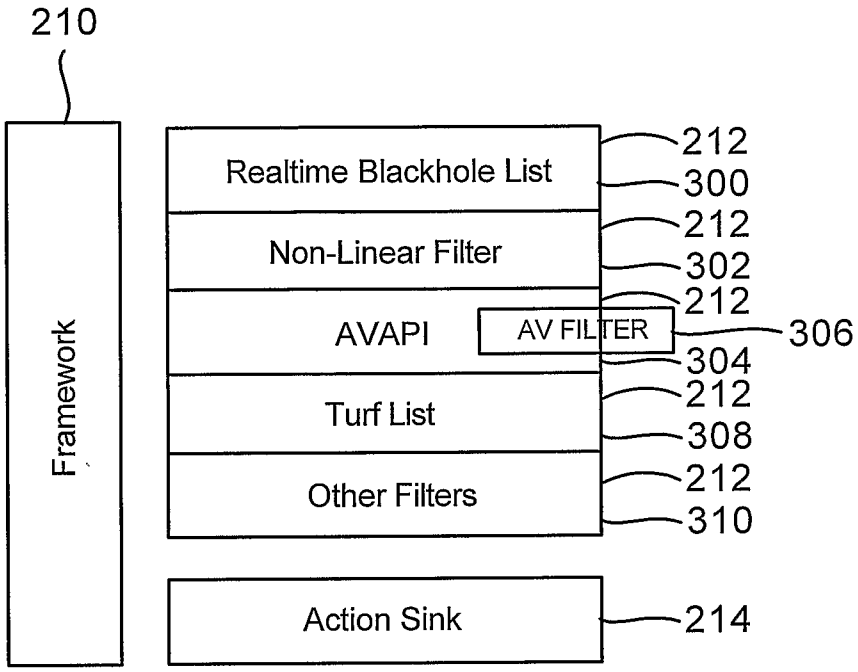

210
Framework
Realtime Blackhole List
212
300
Non-Linear Filter
212
302
AVAPI
AV FILTER
212
306
304
Turf List
212
308
Other Filters
212
310
Action Sink
214

FIG. 3

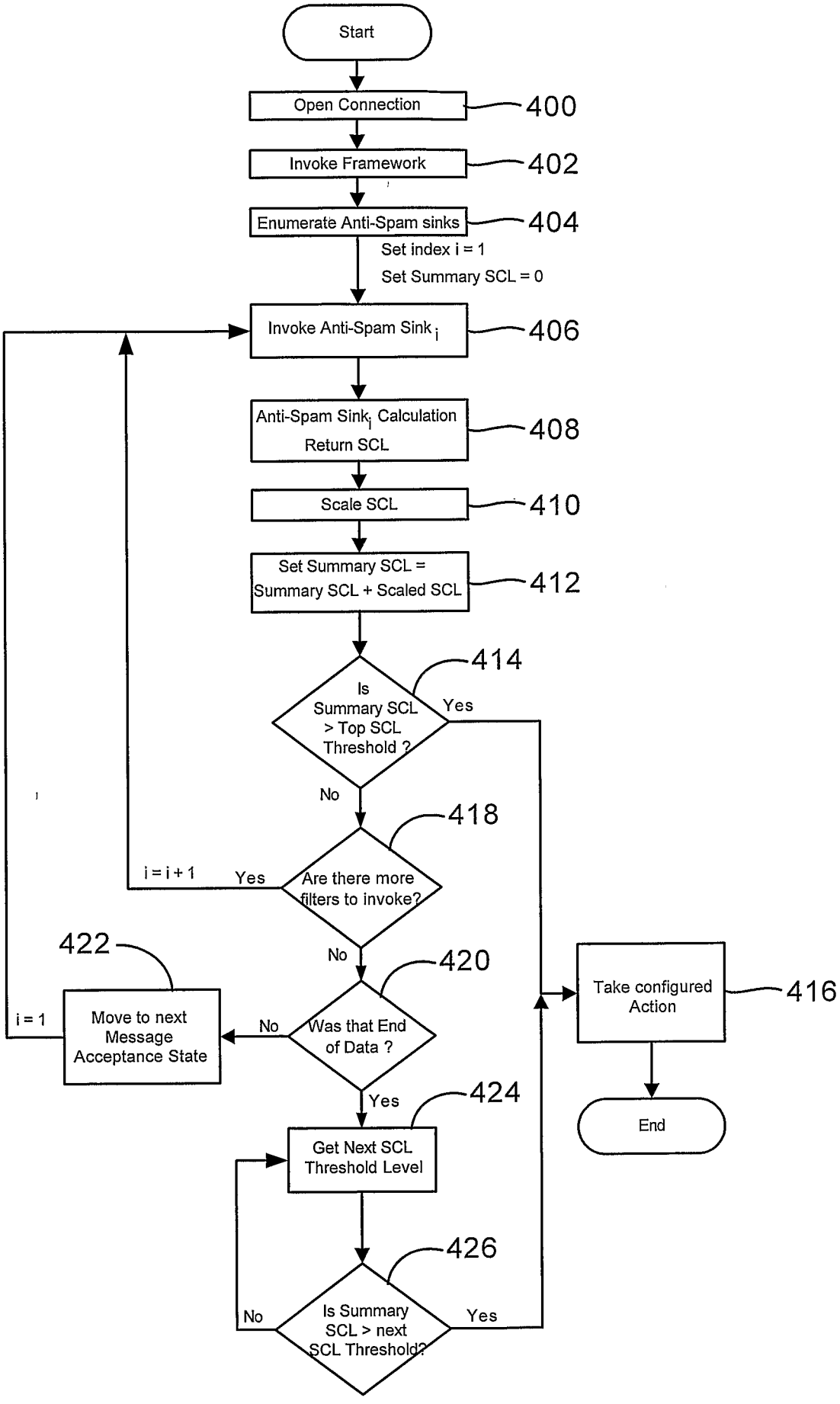

Start
Open Connection
400
Invoke Framework
402
Enumerate Anti-Spam sinks
404
Set index i = 1
Set Summary SCL = 0
Invoke Anti-Spam Sink i
406
Anti-Spam Sink i Calculation
Return SCL
408
Scale SCL
410
Set Summary SCL =
Summary SCL + Scaled SCL
412
414
Is
Summary SCL
> Top SCL
Threshold ?
Yes
No
418
i = i + 1
Yes
Are there more
filters to invoke?
No
422
420
i = 1
Move to next
Message
Acceptance State
No
Was that End
of Data ?
Take configured
Action
416
Yes
424
End
Get Next SCL
Threshold Level
426
No
Is Summary
SCL > next
SCL Threshold?
Yes

FIG. 4