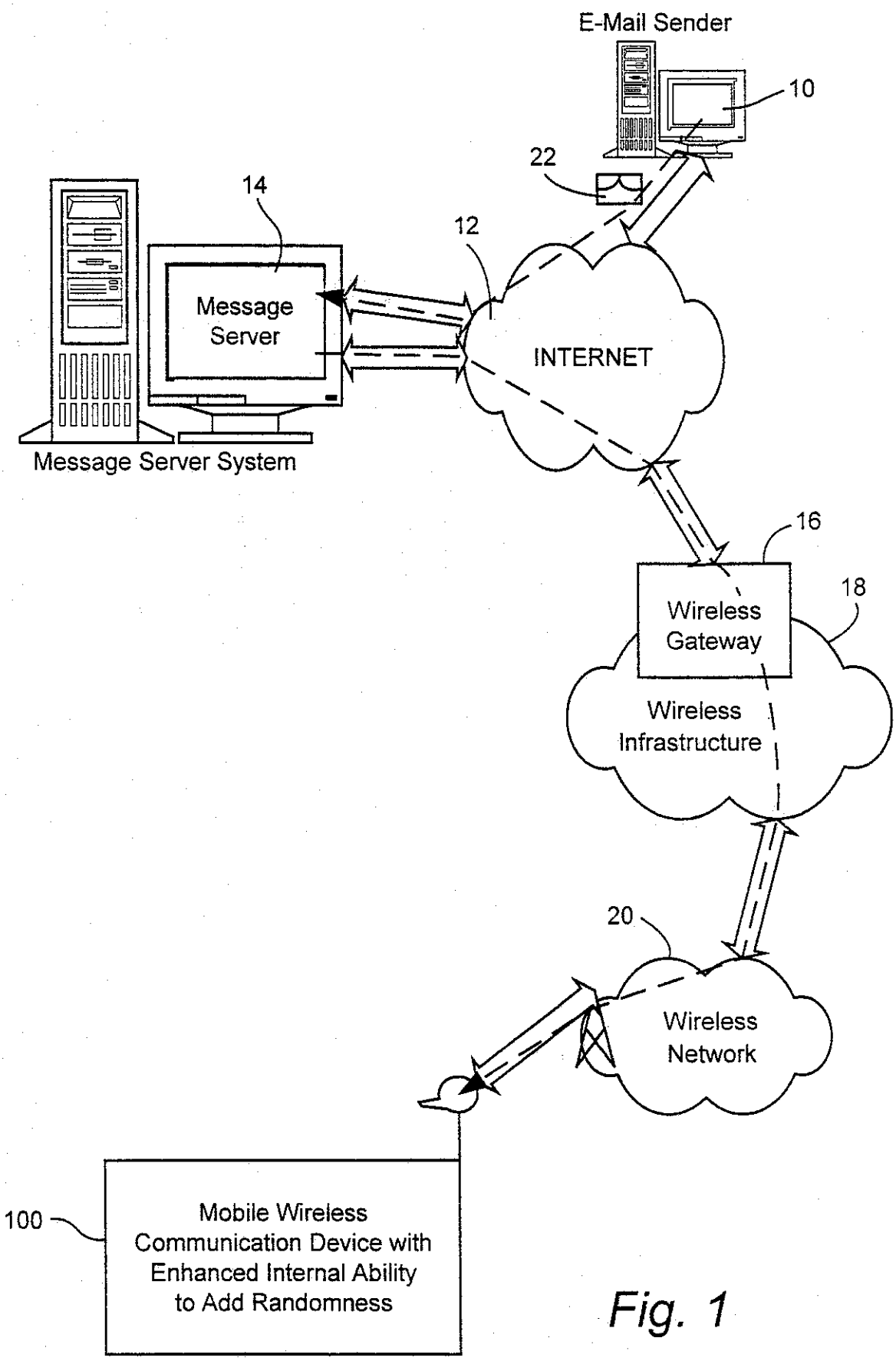

E-Mail Sender
10
22
14
12
Message Server
INTERNET
Message Server System
16
18
Wireless Gateway
Wireless Infrastructure
20
Wireless Network
100
Mobile Wireless Communication Device with Enhanced Internal Ability to Add Randomness

Fig. 1

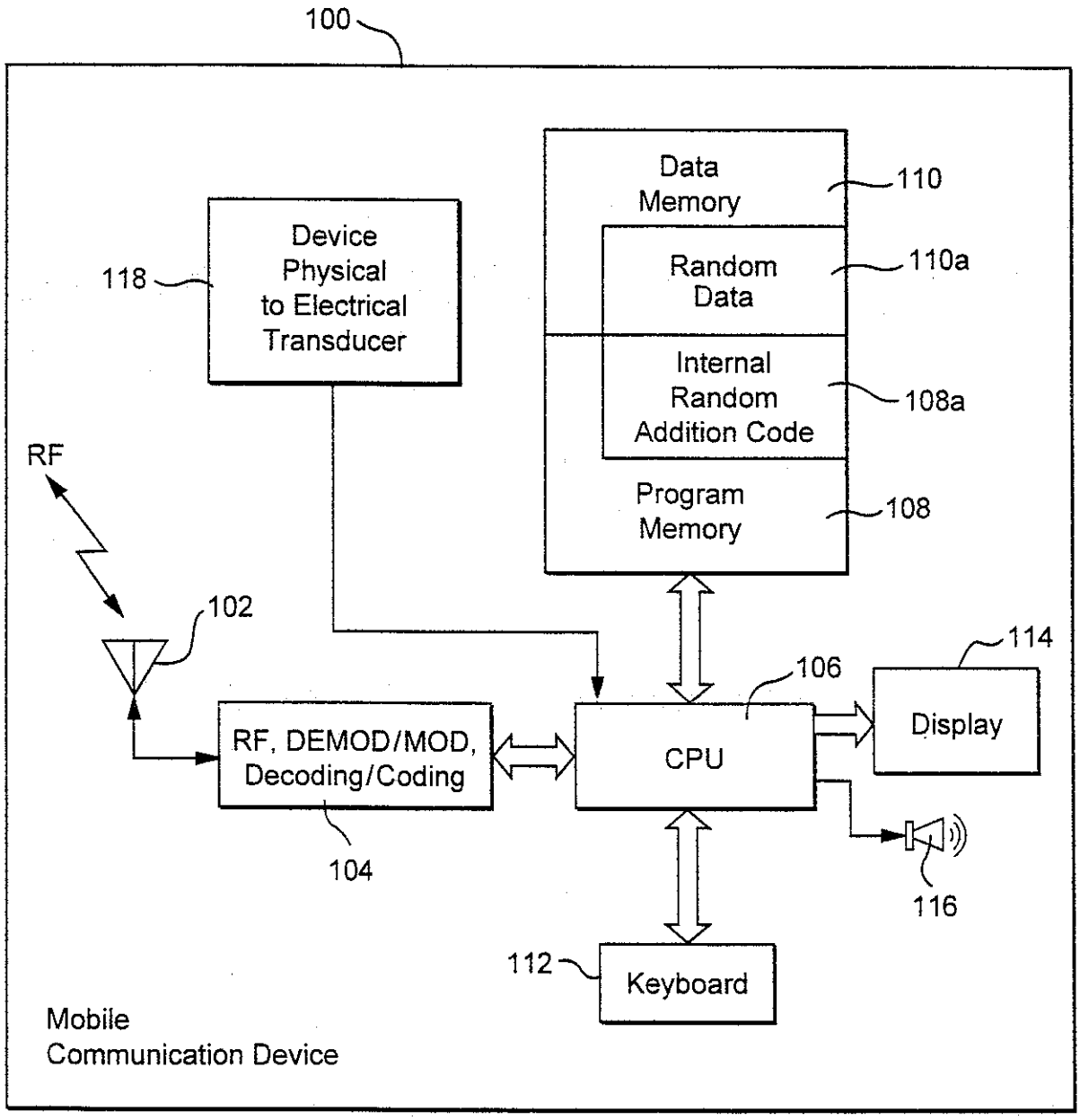

100
Data Memory
110
Random Data
110a
Internal Random Addition Code
108a
Program Memory
108
Device Physical to Electrical Transducer
118
RF
102
RF, DEMOD/MOD, Decoding/Coding
104
CPU
106
Display
114
116
112
Keyboard
Mobile Communication Device

Fig. 2

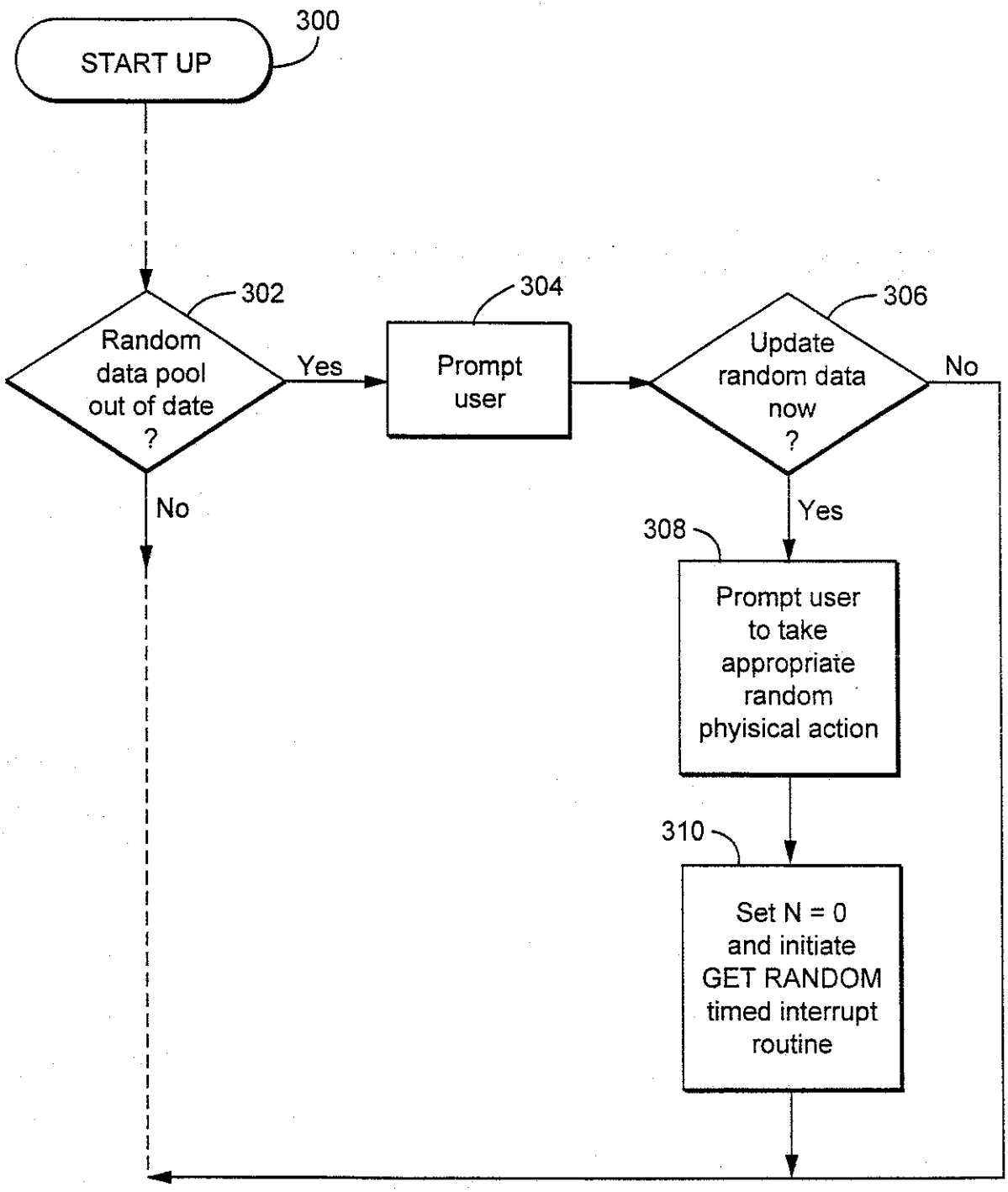

START UP
300
Random data pool out of date ?
302
Yes
No
Prompt user
304
Update random data now ?
306
No
Yes
308
Prompt user to take appropriate random phyisical action
310
Set N = 0 and initiate GET RANDOM timed interrupt routine

Fig. 3

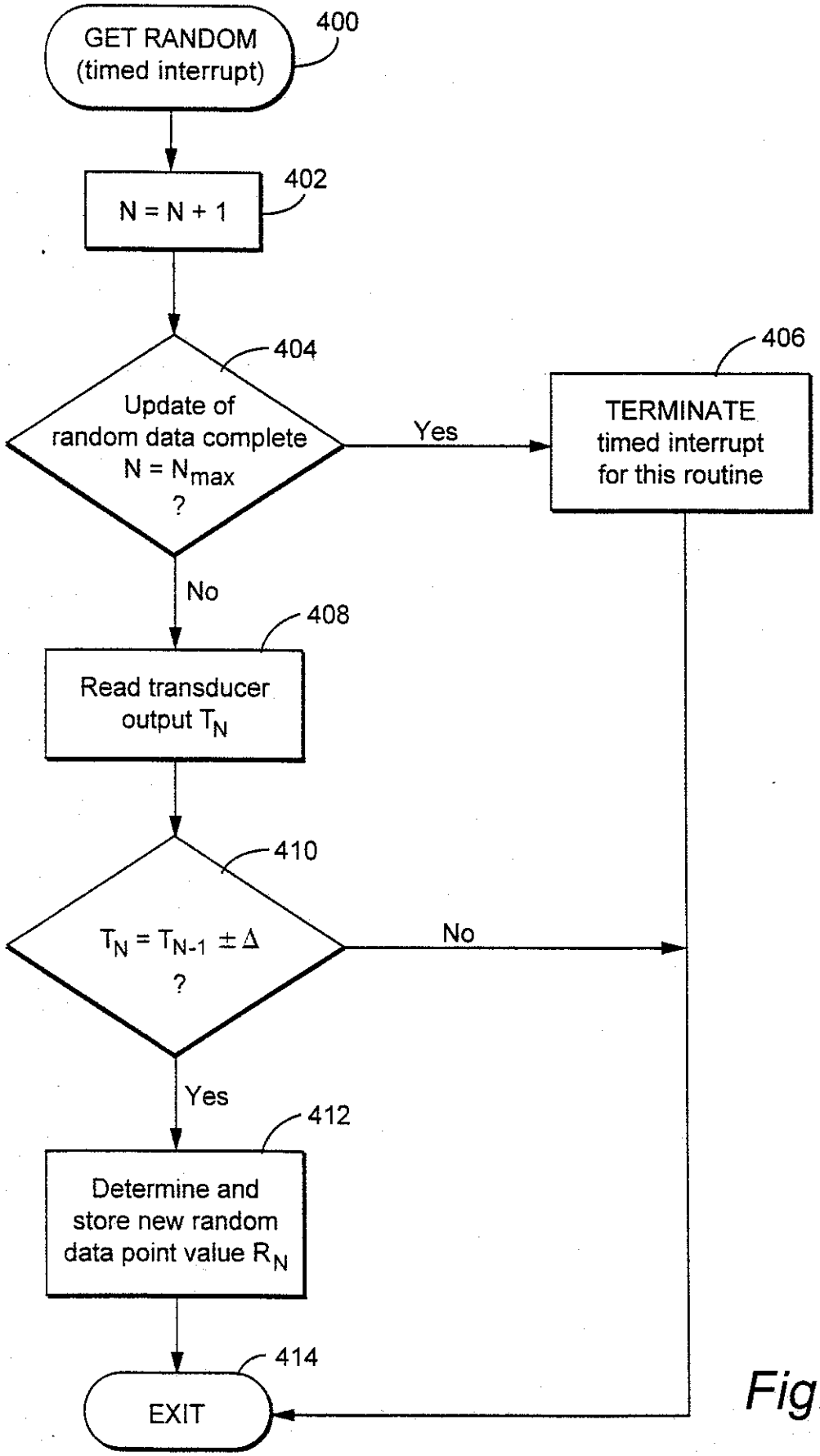

GET RANDOM
(timed interrupt)
400
N = N + 1
402
Update of
random data complete
N = Nmax
?
404
Yes
TERMINATE
timed interrupt
for this routine
406
No
Read transducer
output TN
408
TN = TN-1 ± Δ
?
410
No
Yes
Determine and
store new random
data point value RN
412
EXIT
414

Fig. 4