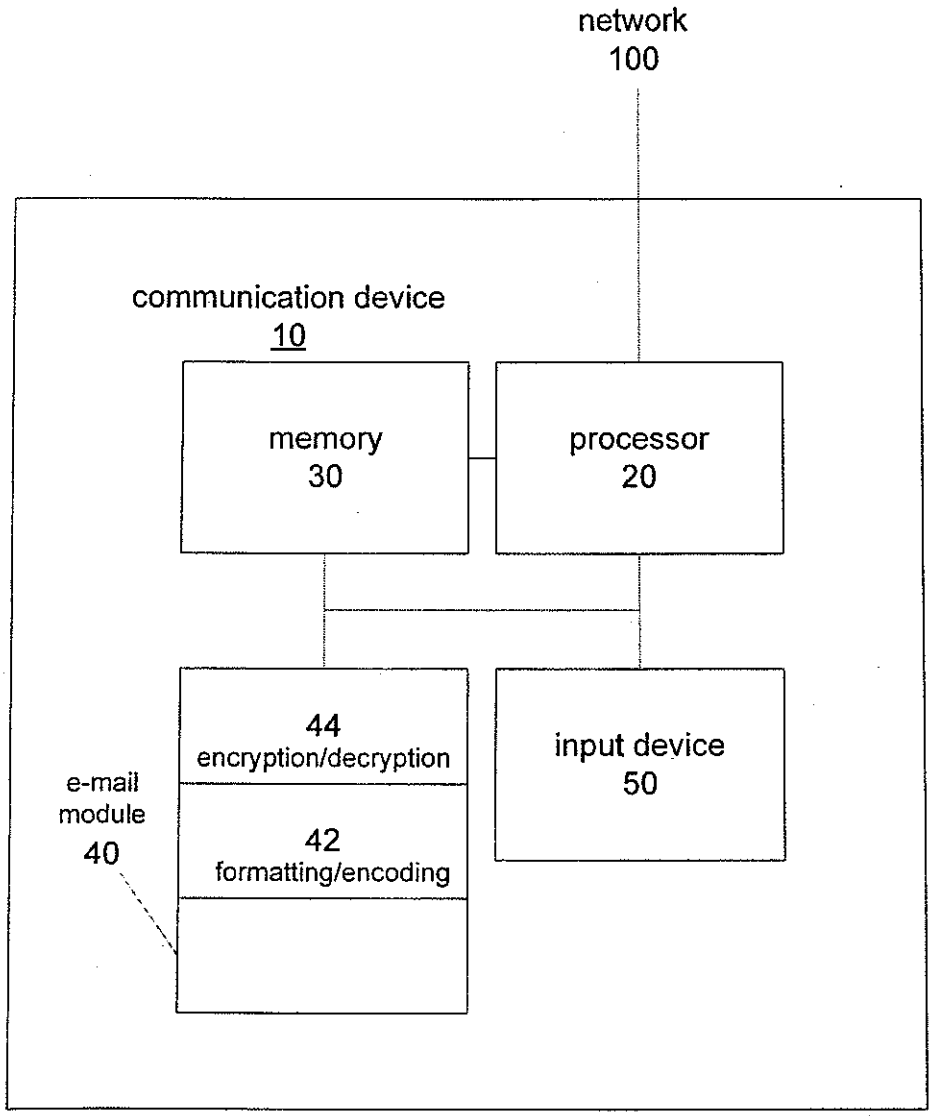

network
100
communication device
10
memory
30
processor
20
44
encryption/decryption
42
formatting/encoding
e-mail
module
40
input device
50

Figure 1

Figure 2a

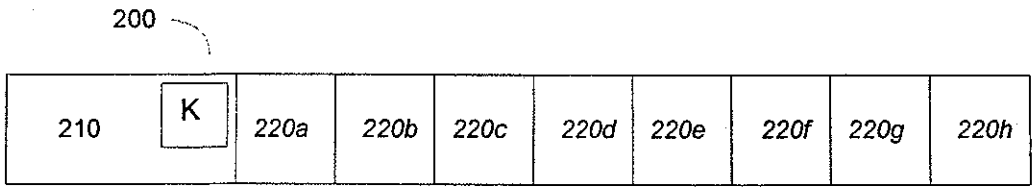


Figure 2b

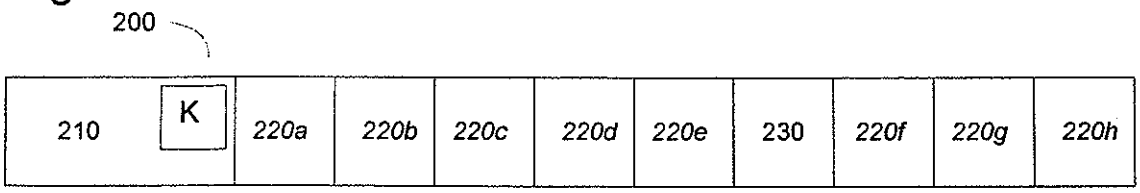


Figure 2c

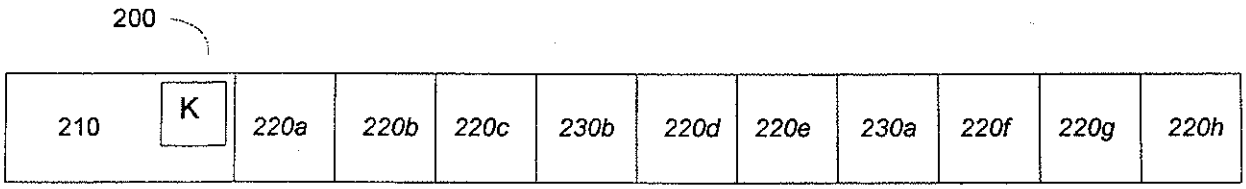


Figure 2d

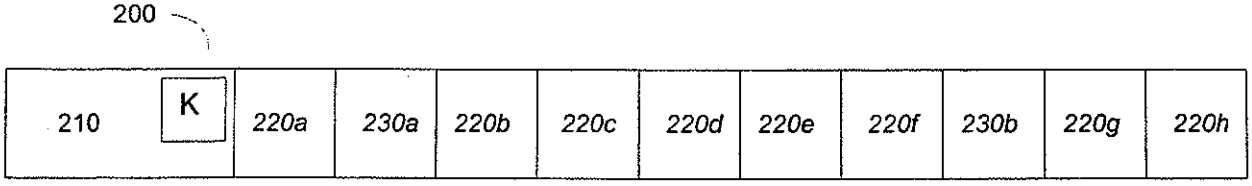
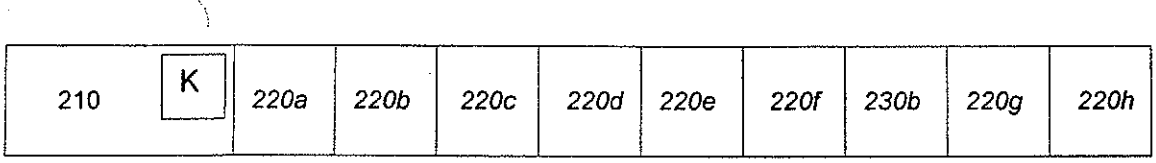


Figure 2e



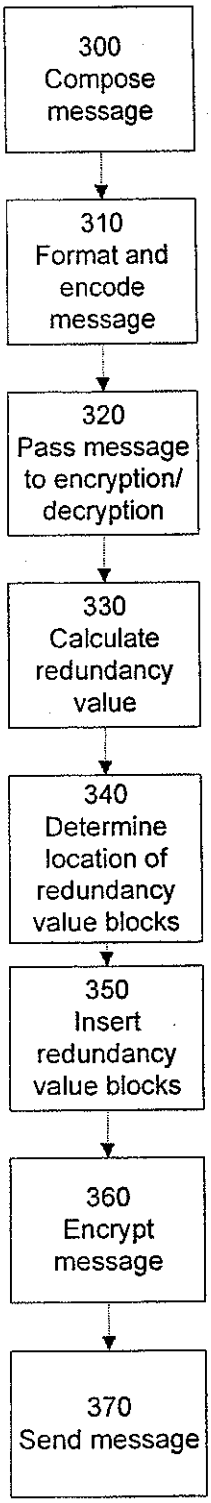

300
Compose message
310
Format and encode message
320
Pass message to encryption/ decryption
330
Calculate redundancy value
340
Determine location of redundancy value blocks
350
Insert redundancy value blocks
360
Encrypt message
370
Send message

Figure 3

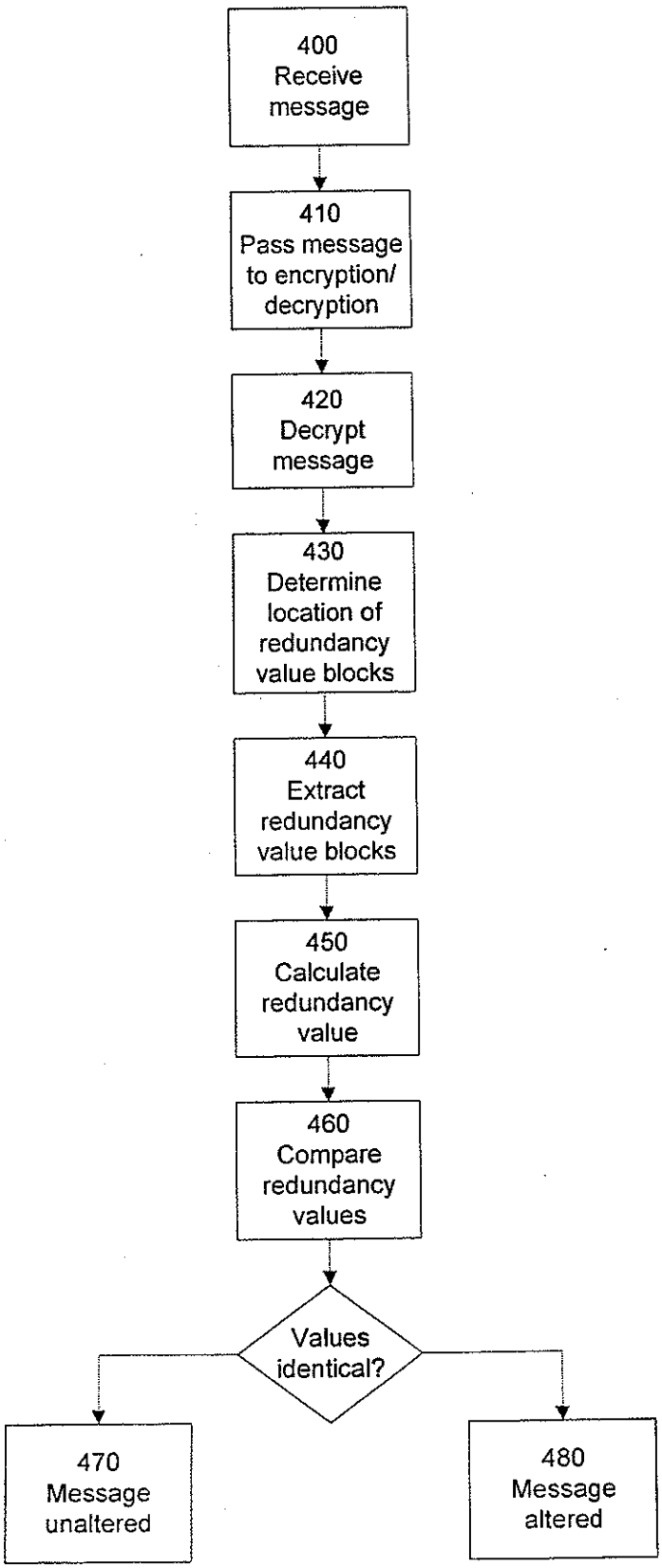

400
Receive message
410
Pass message to encryption/ decryption
420
Decrypt message
430
Determine location of redundancy value blocks
440
Extract redundancy value blocks
450
Calculate redundancy value
460
Compare redundancy values
Values identical?
470
Message unaltered
480
Message altered

Figure 4