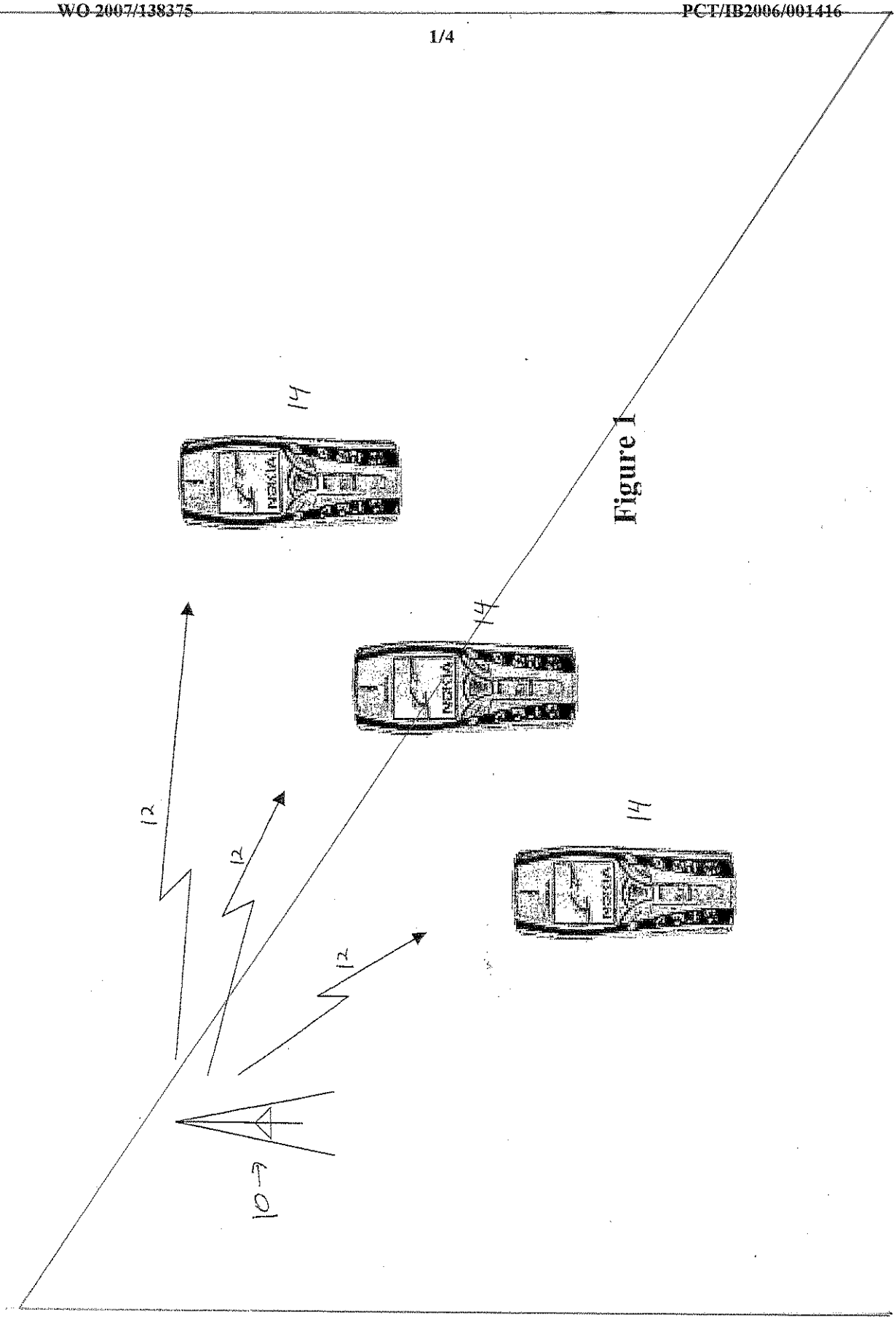


Figure 1

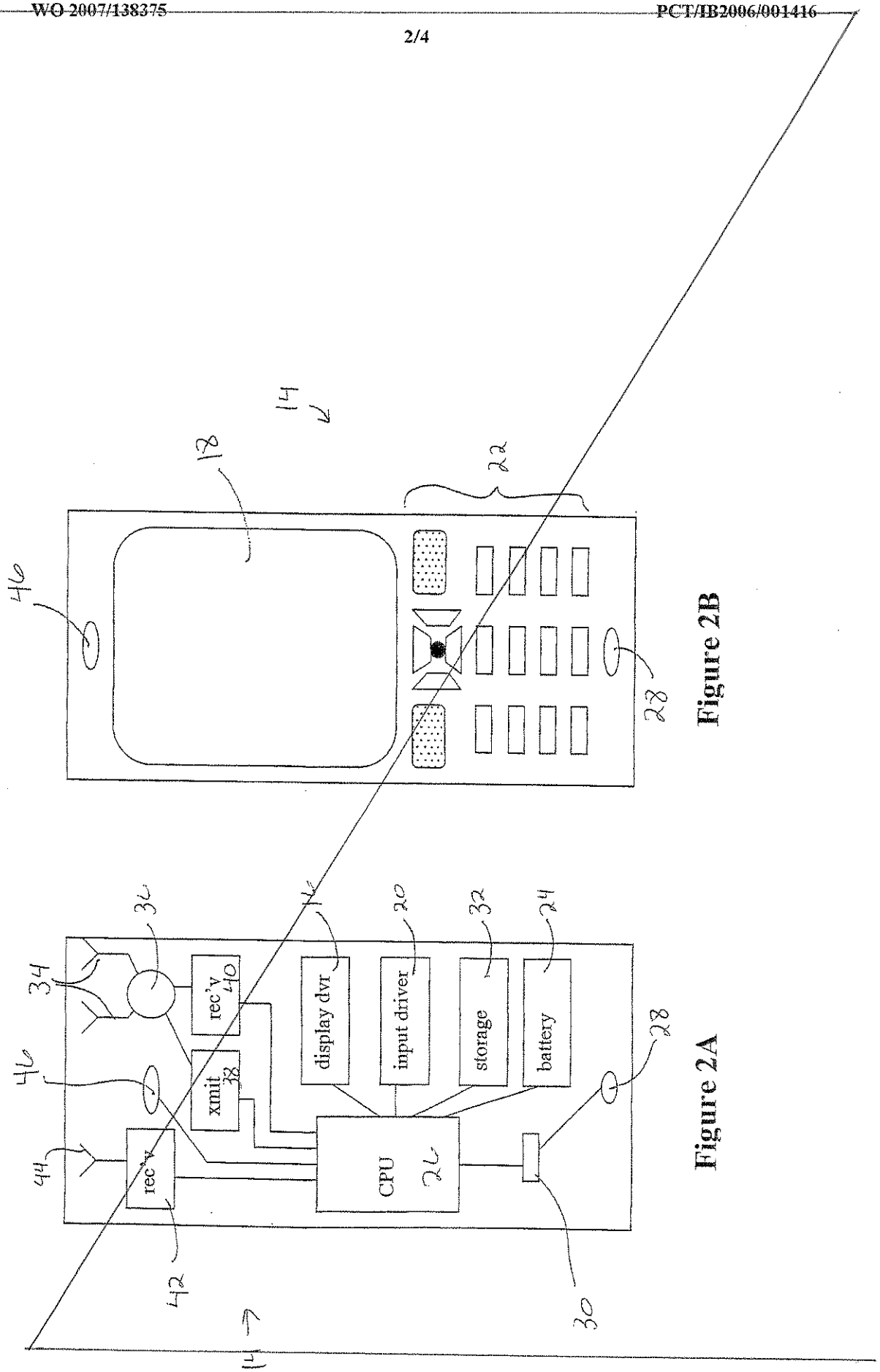


Figure 2B

Figure 2A

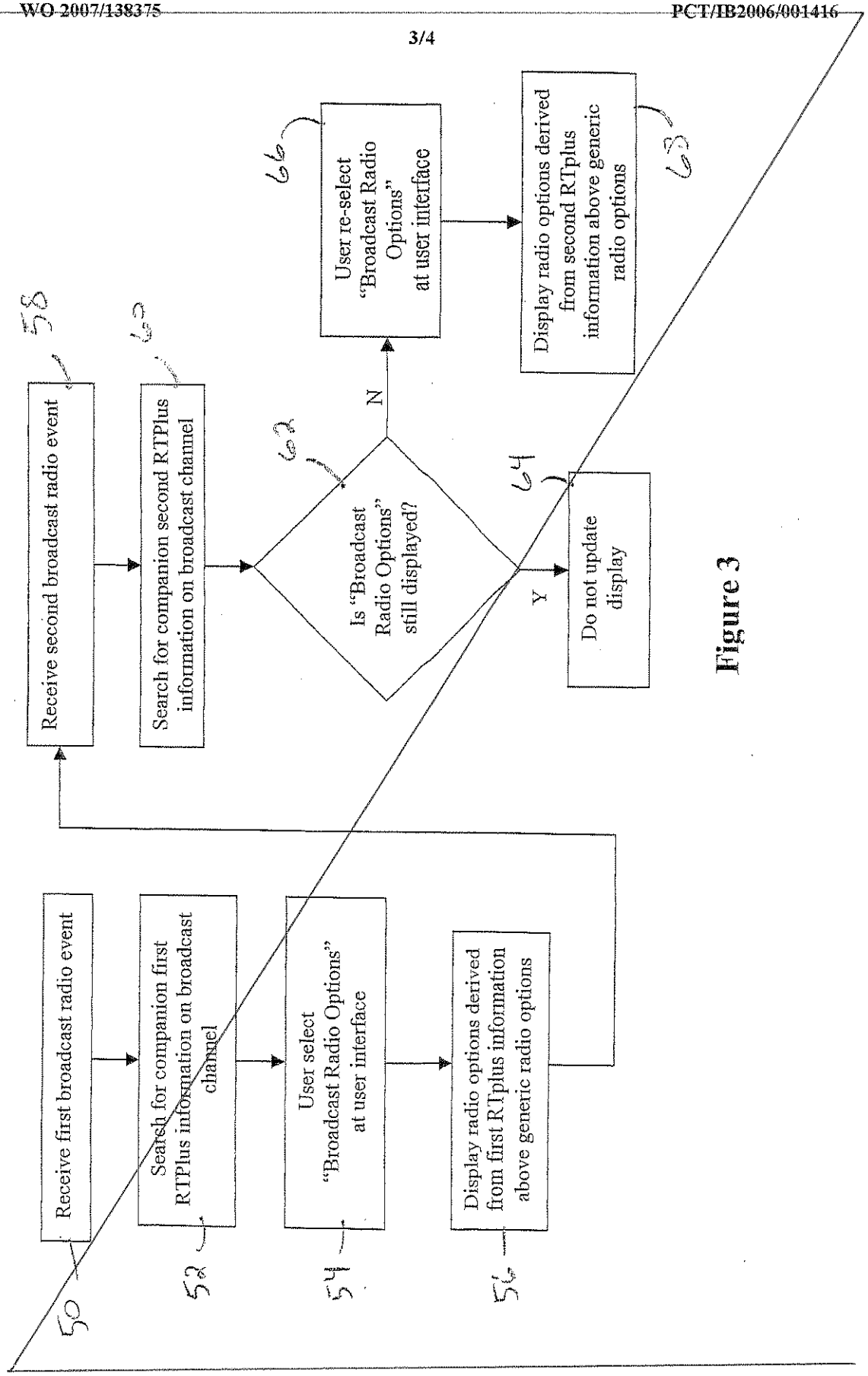

Receive first broadcast radio event
Search for companion first RTPlus information on broadcast channel
User select "Broadcast Radio Options" at user interface
Display radio options derived from first RTplus information above generic radio options
Receive second broadcast radio event
Search for companion second RTPlus information on broadcast channel
Is "Broadcast Radio Options" still displayed?
N
Y
User re-select "Broadcast Radio Options" at user interface
Display radio options derived from second RTplus information above generic radio options
Do not update display
50
52
54
56
58
60
62
64
66
68

Figure 3

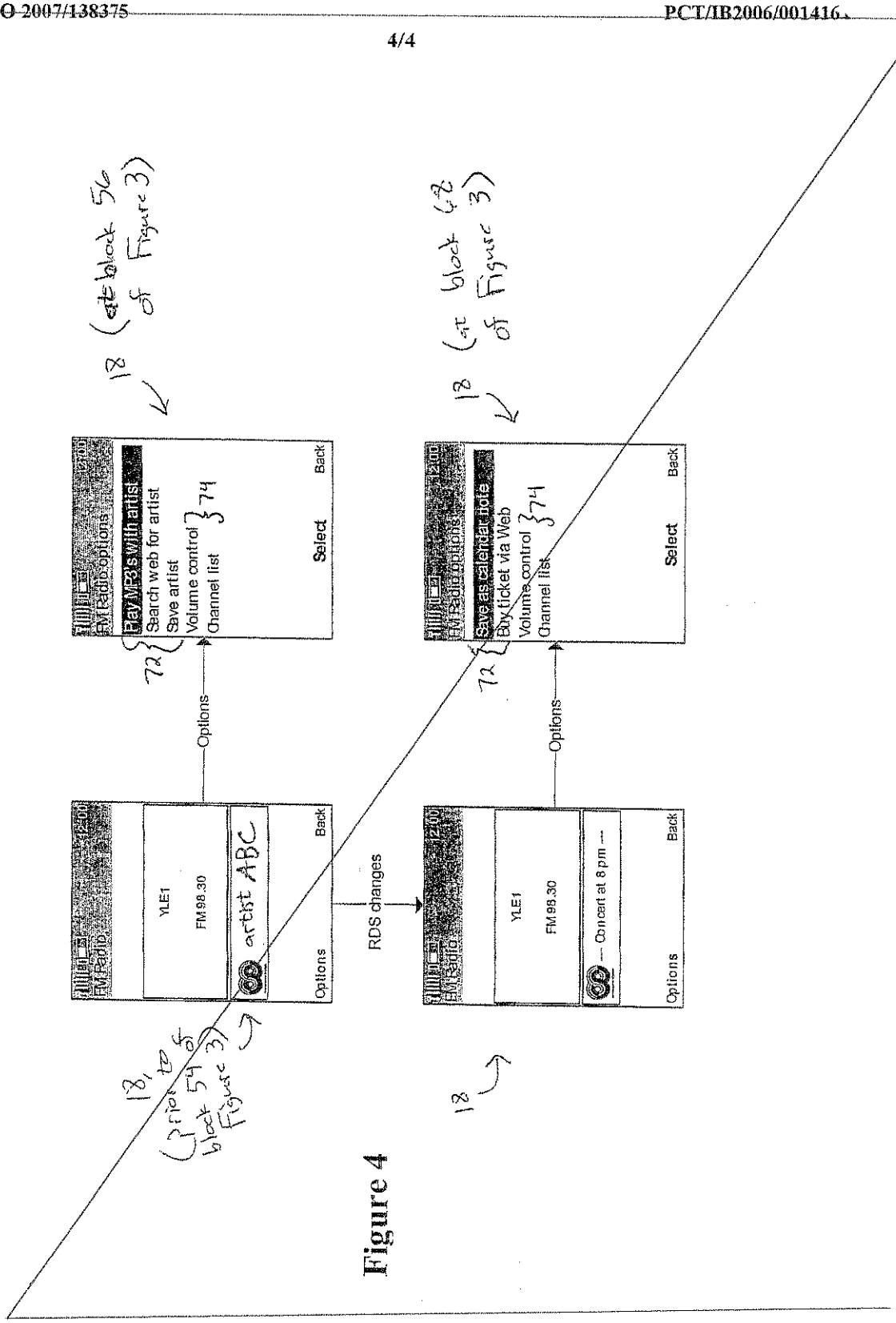

FM Radio options
Play MP3's with artist
Search web for artist
Save artist
Volume control
Channel list
Select
Back
Options
FM Radio
YLE1
FM 99.30
artist ABC
RDS changes
Save as calendar note
Buy ticket via Web
--- Concert at 8 pm ---

Figure 4

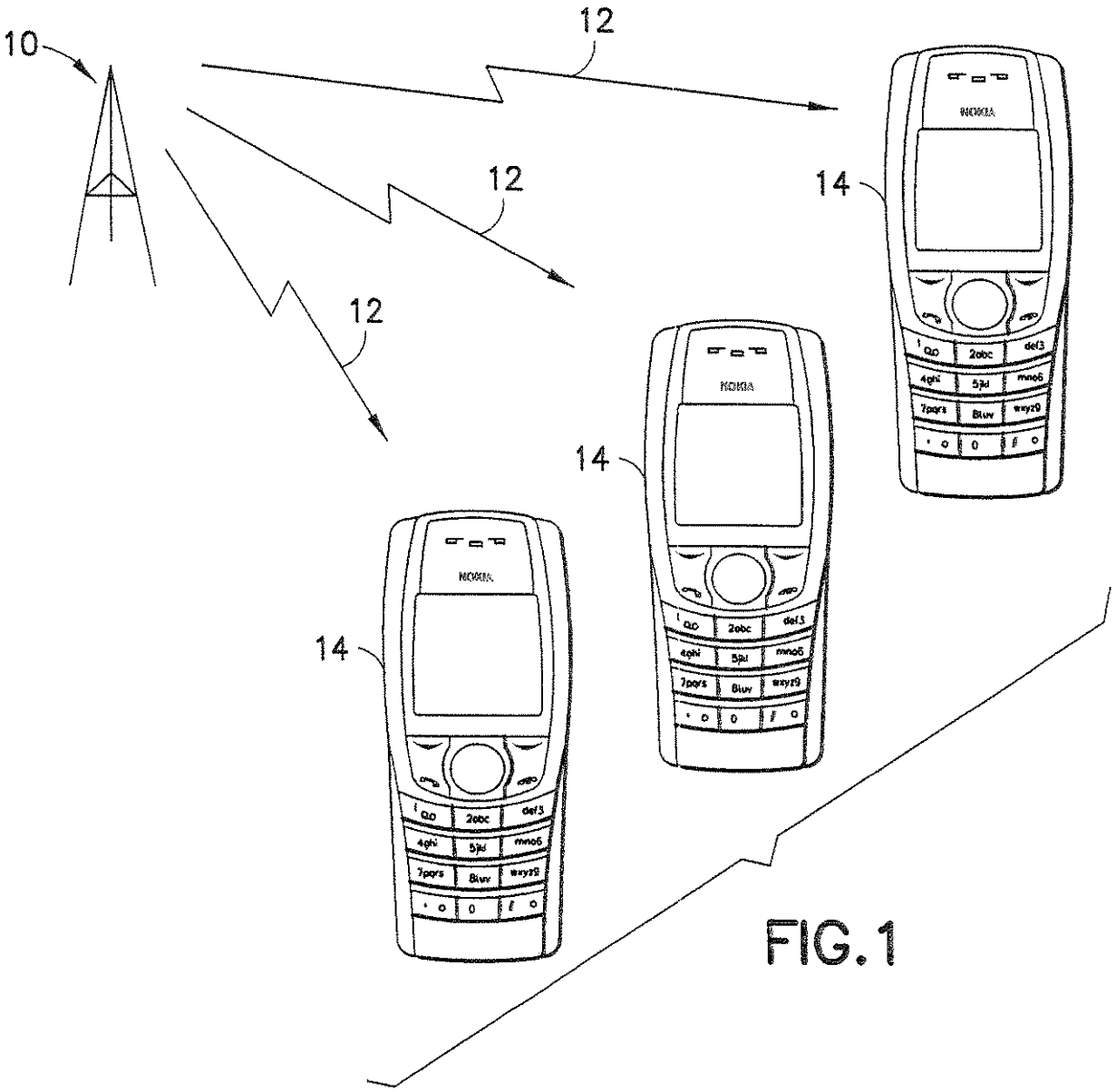


FIG.1

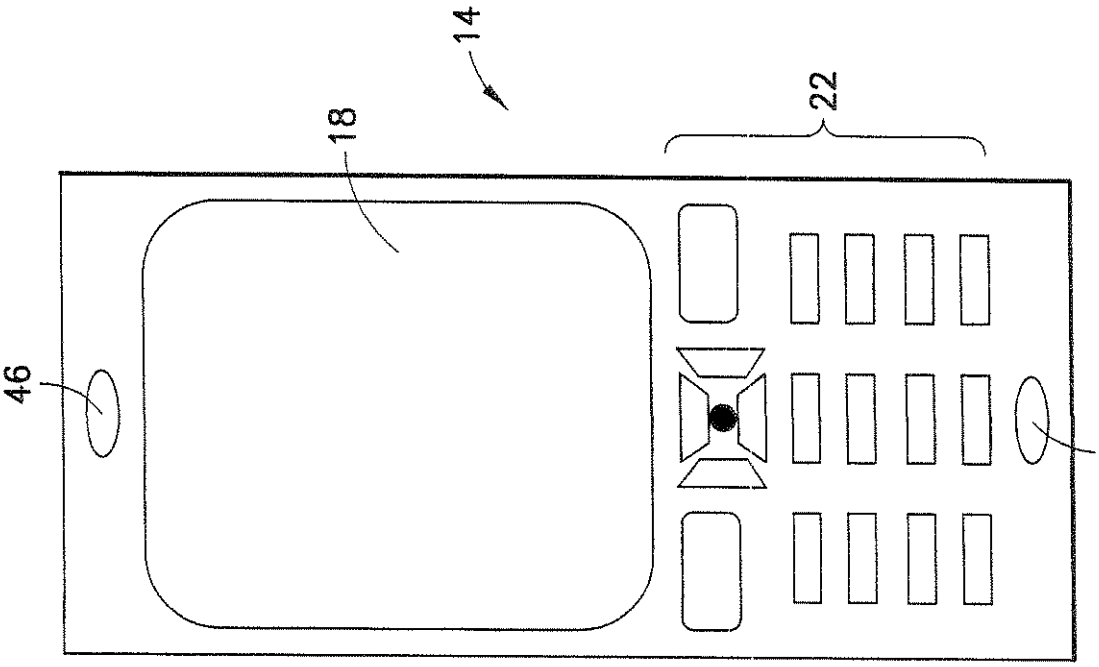

14
18
22
46
28

FIG.2B

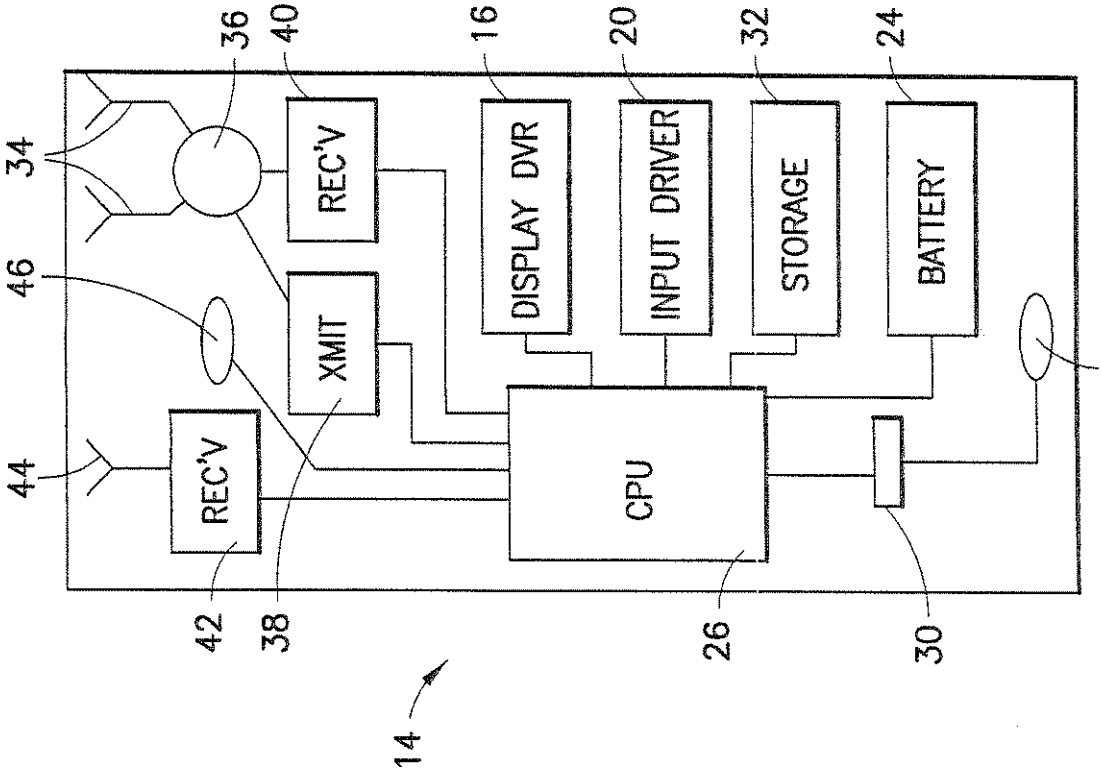

36
40
16
20
32
24
34
REC'V
DISPLAY DVR
INPUT DRIVER
STORAGE
BATTERY
46
XMIT
28
44
REC'V
CPU
42
38
26
30
14

FIG.2A

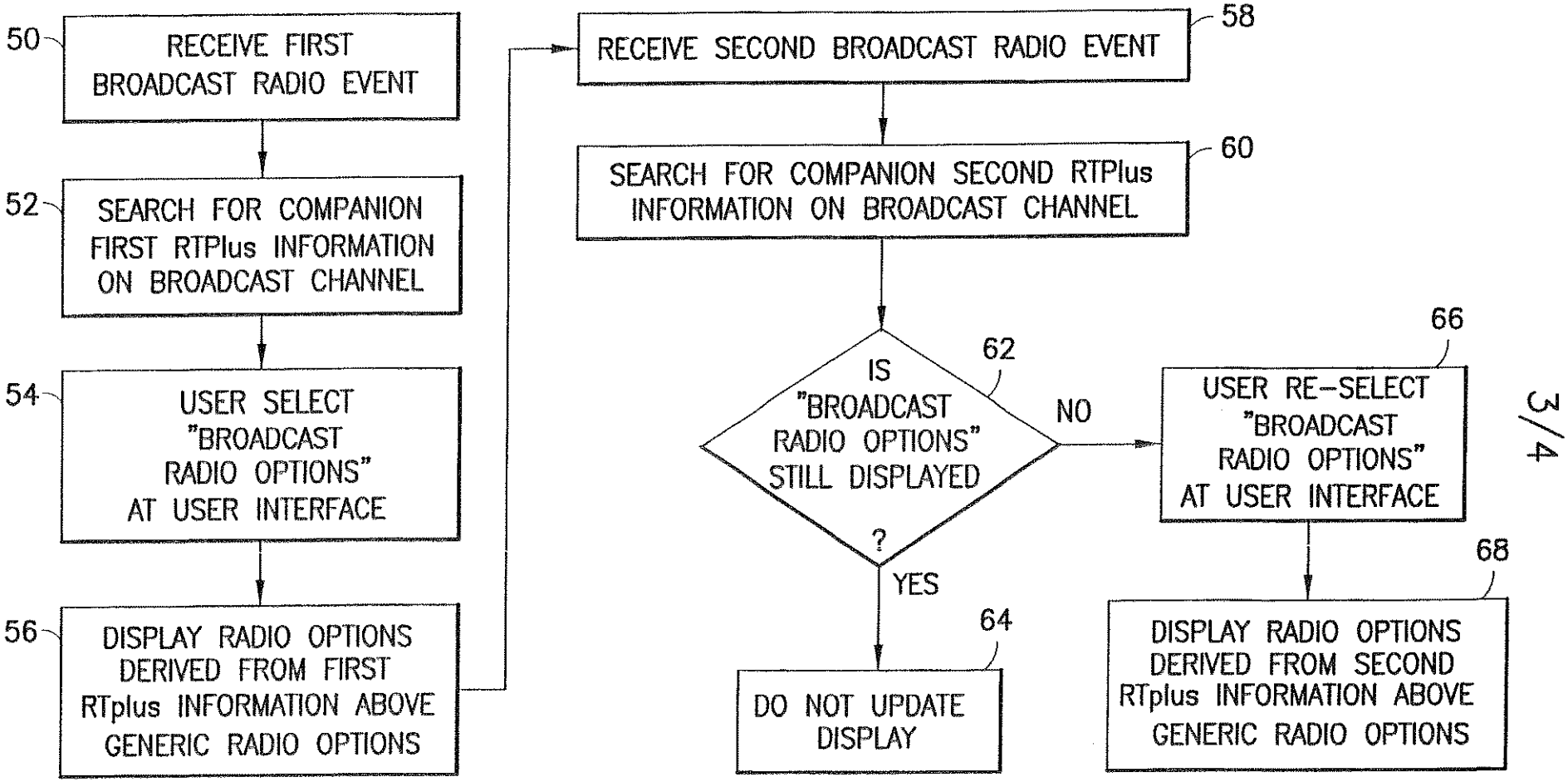

50
RECEIVE FIRST BROADCAST RADIO EVENT
52
SEARCH FOR COMPANION FIRST RTPlus INFORMATION ON BROADCAST CHANNEL
54
USER SELECT "BROADCAST RADIO OPTIONS" AT USER INTERFACE
56
DISPLAY RADIO OPTIONS DERIVED FROM FIRST RTplus INFORMATION ABOVE GENERIC RADIO OPTIONS
58
RECEIVE SECOND BROADCAST RADIO EVENT
60
SEARCH FOR COMPANION SECOND RTPlus INFORMATION ON BROADCAST CHANNEL
62
IS "BROADCAST RADIO OPTIONS" STILL DISPLAYED ?
NO
YES
64
DO NOT UPDATE DISPLAY
66
USER RE-SELECT "BROADCAST RADIO OPTIONS" AT USER INTERFACE
68
DISPLAY RADIO OPTIONS DERIVED FROM SECOND RTplus INFORMATION ABOVE GENERIC RADIO OPTIONS

FIG.3

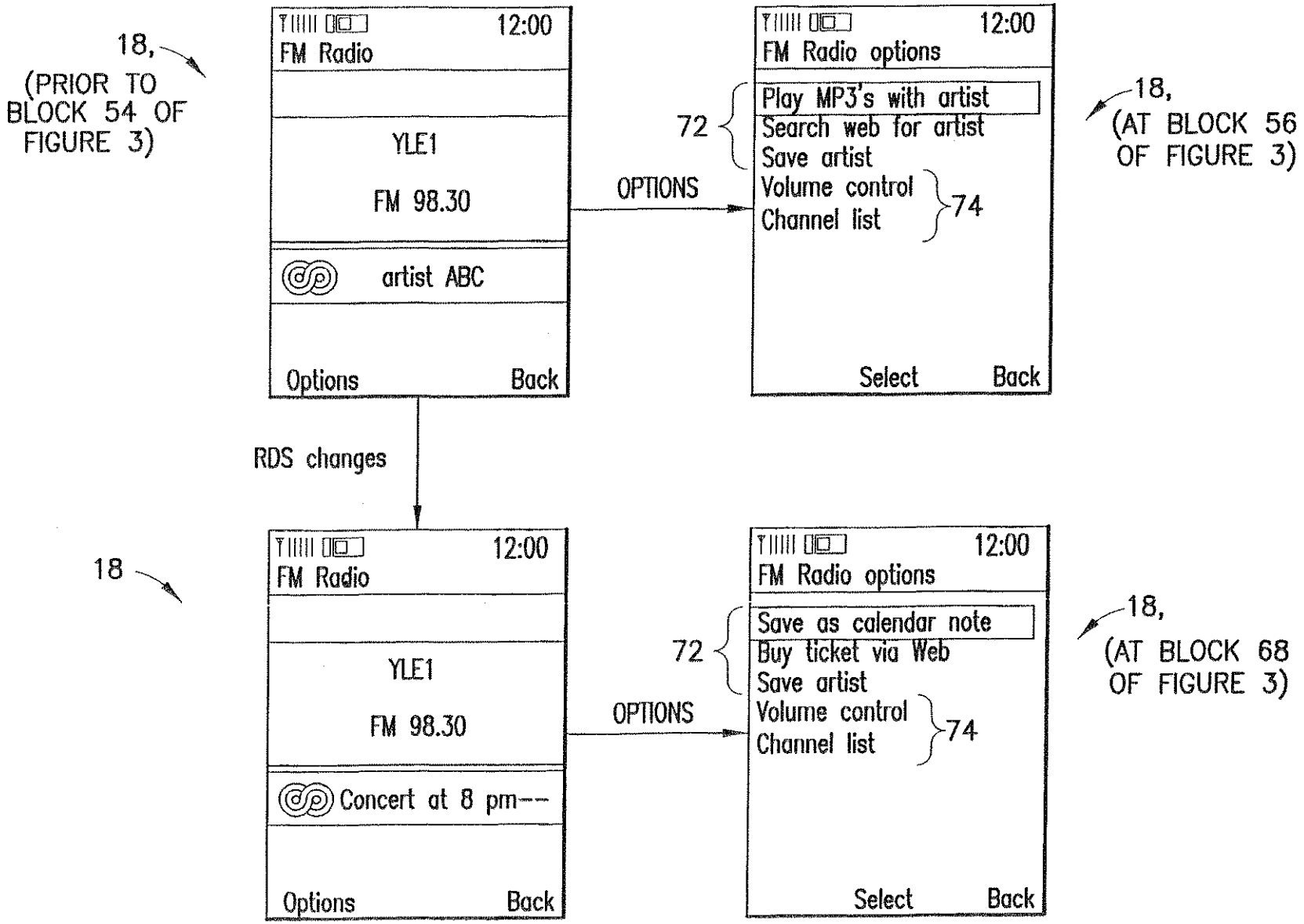

18,
(PRIOR TO BLOCK 54 OF FIGURE 3)
12:00
FM Radio
YLE1
FM 98.30
artist ABC
Options
Back
OPTIONS
72
Play MP3's with artist
Search web for artist
Save artist
Volume control
Channel list
74
12:00
FM Radio options
Select
Back
18,
(AT BLOCK 56 OF FIGURE 3)
RDS changes
18
12:00
FM Radio
YLE1
FM 98.30
Concert at 8 pm---
Options
Back
OPTIONS
72
Save as calendar note
Buy ticket via Web
Save artist
Volume control
Channel list
74
12:00
FM Radio options
Select
Back
18,
(AT BLOCK 68 OF FIGURE 3)

FIG.4