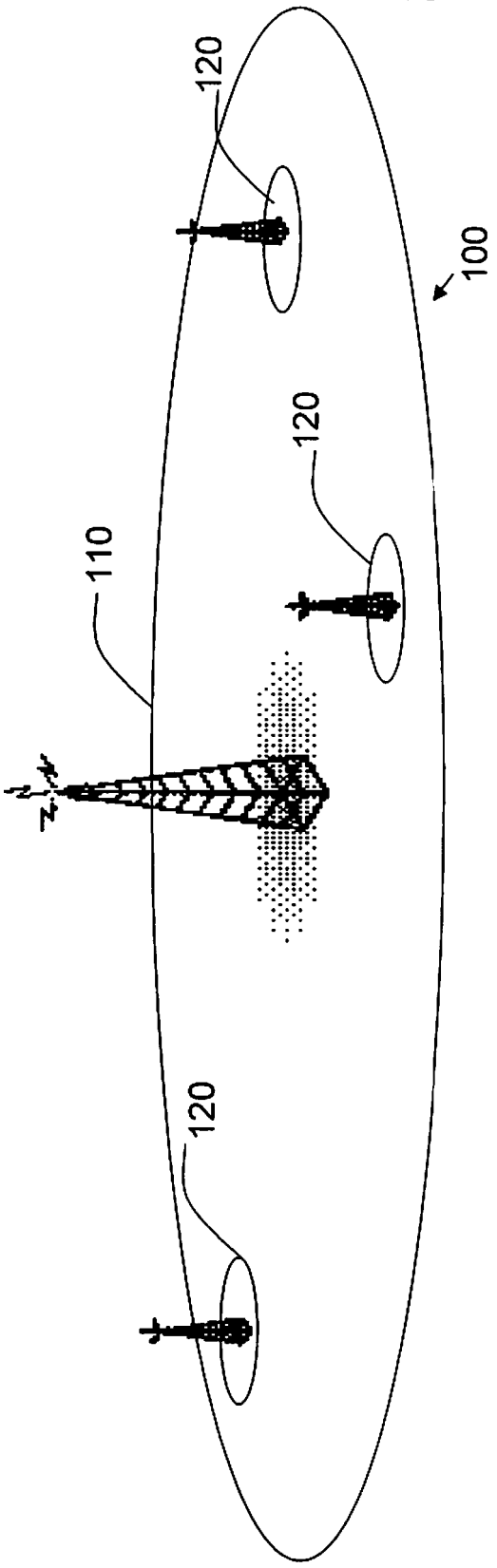


Fig. 1

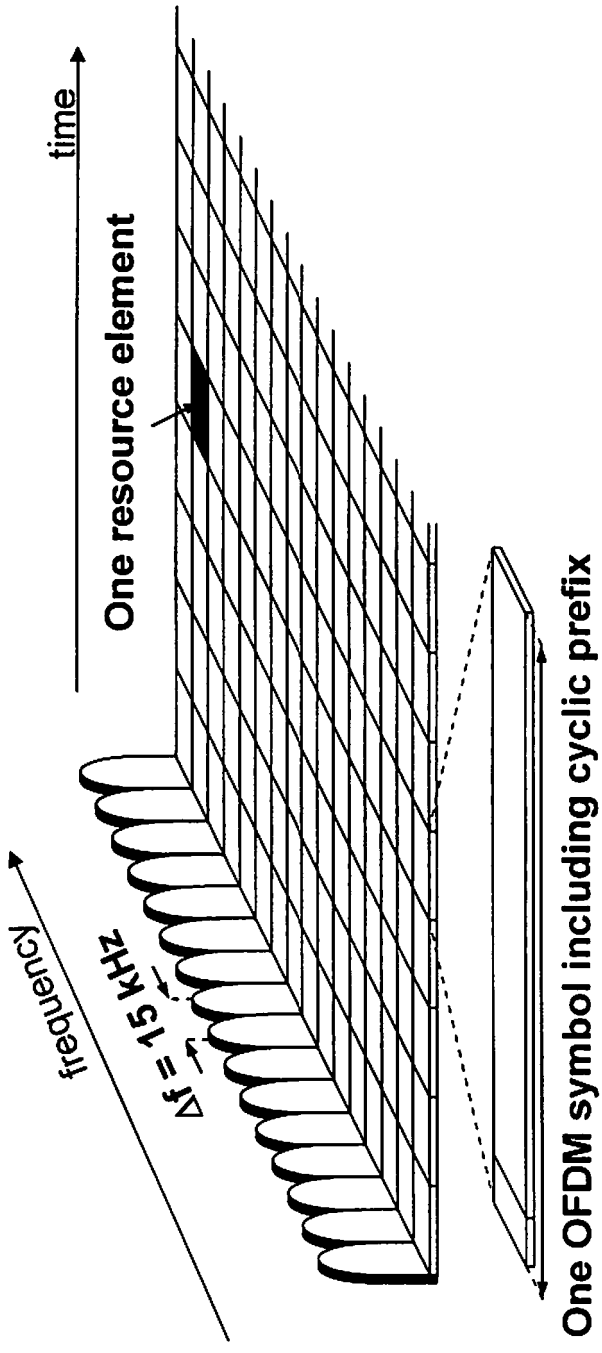

time
One resource element
frequency
Δf = 15 kHz
One OFDM symbol including cyclic prefix

Fig. 2

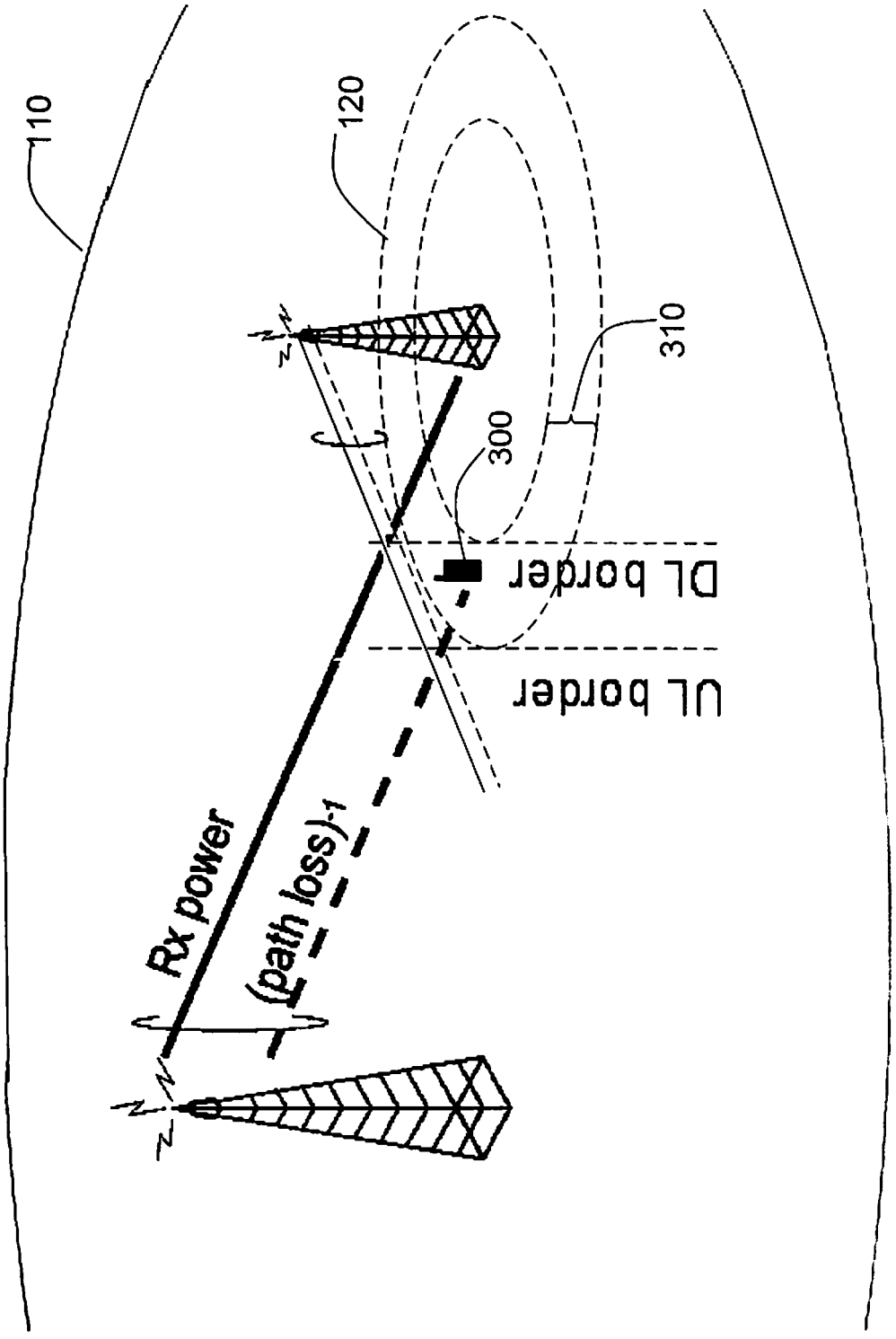


Fig. 3

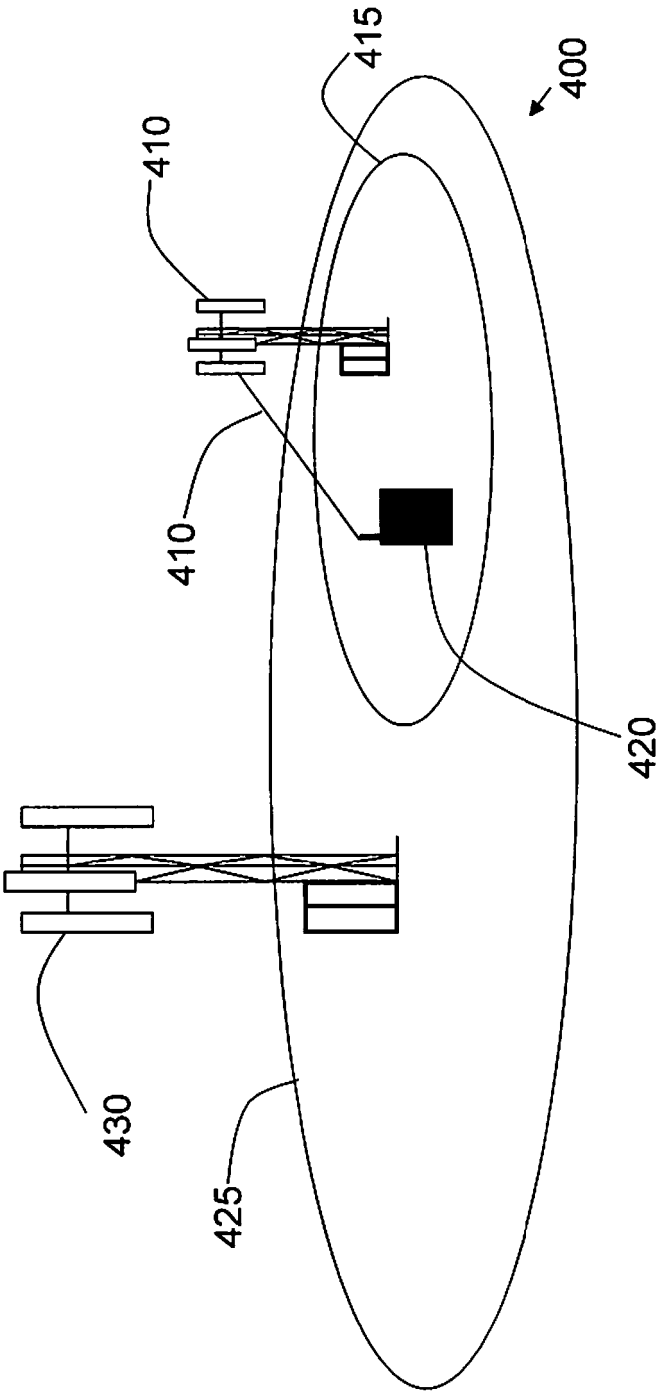


Fig. 4

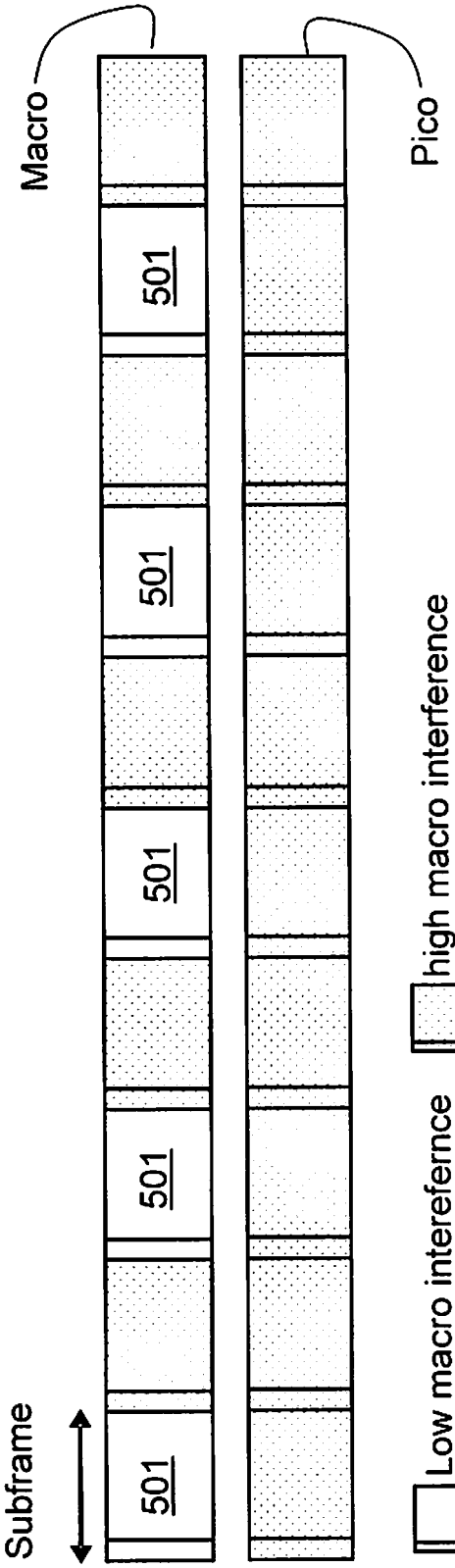

Macro
Pico
501
501
501
501
501
Subframe
high macro interference
Low macro interefernce

Fig. 5

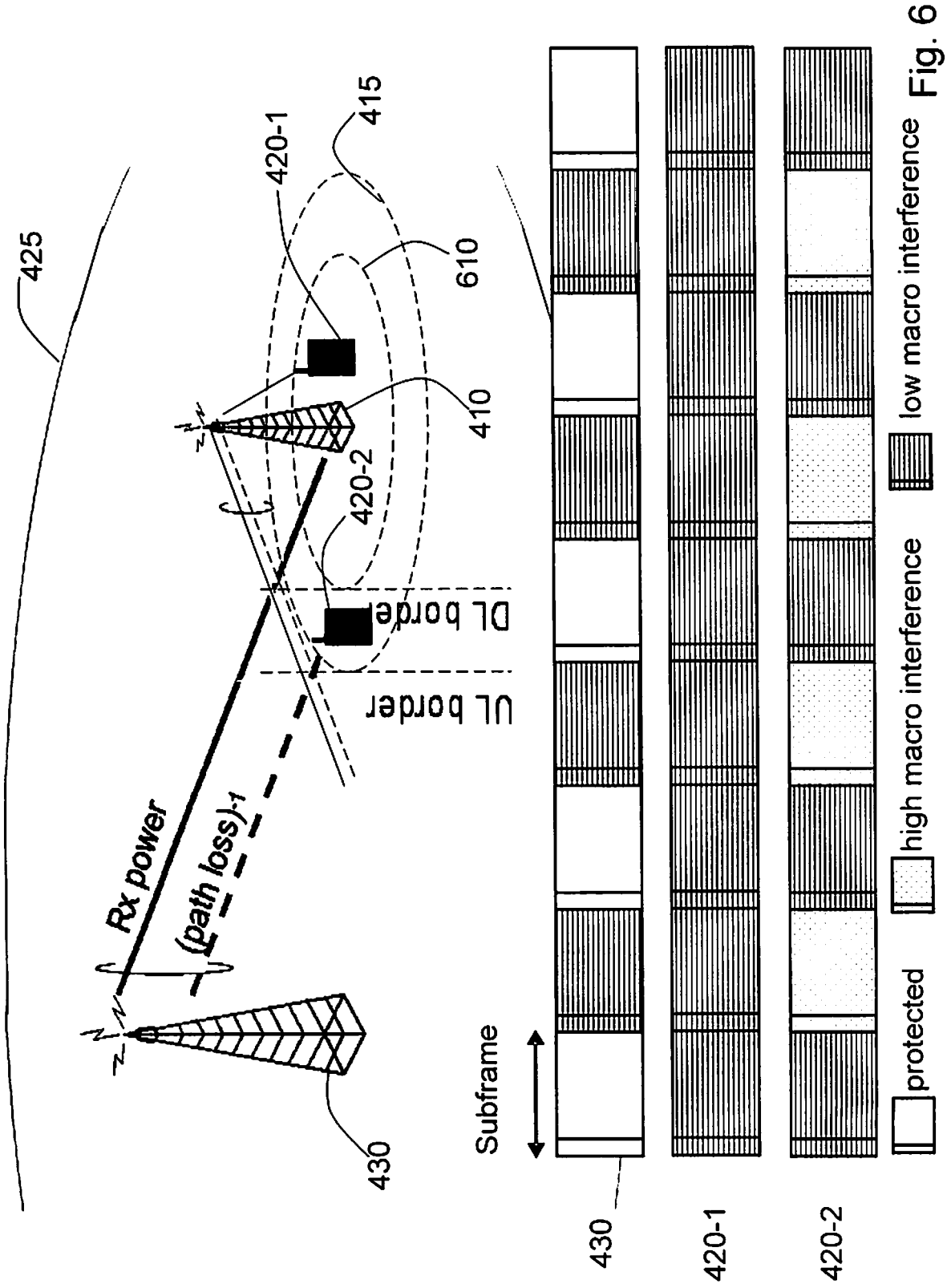

425
420-1
415
610
410
420-2
DL border
UL border
Rx power
(path loss)-1
430
Subframe
protected
high macro interference
low macro interference
430
420-1
420-2

Fig. 6

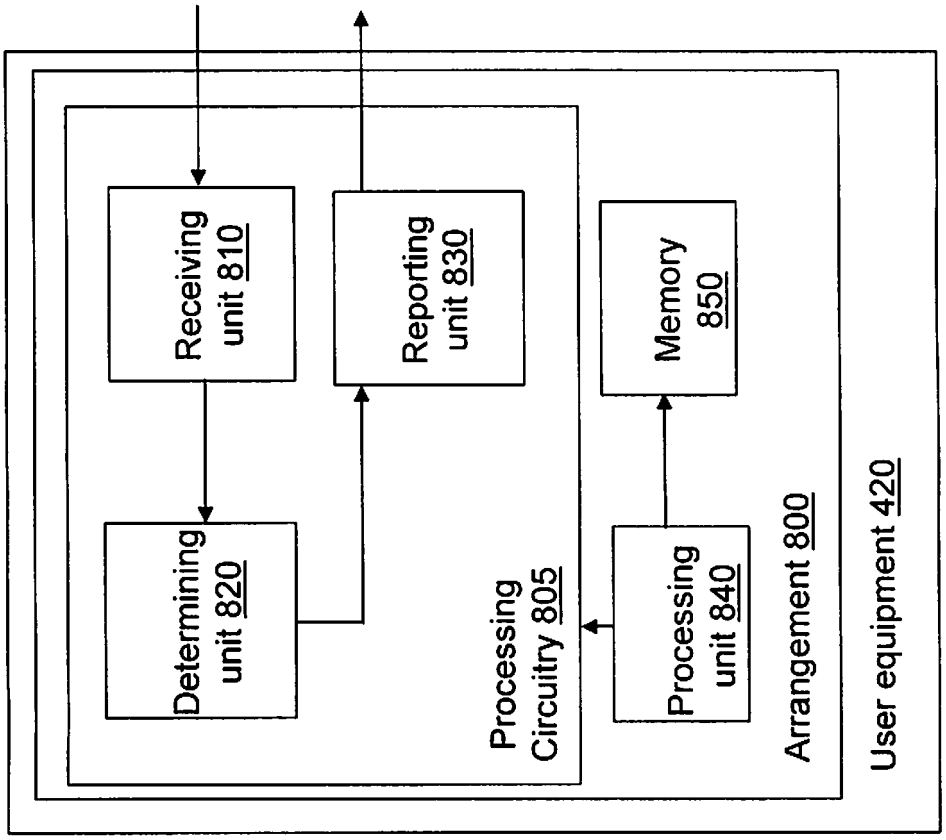

User equipment 420
Arrangement 800
Processing Circuitry 805
Receiving unit 810
Determining unit 820
Reporting unit 830
Memory 850
Processing unit 840

Fig. 8

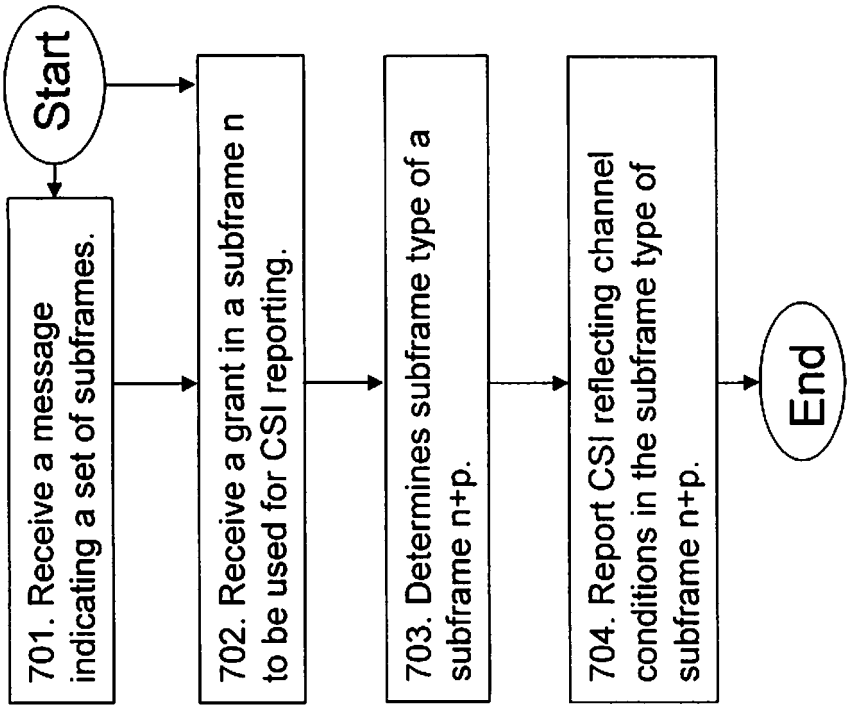

Start
701. Receive a message indicating a set of subframes.
702. Receive a grant in a subframe n to be used for CSI reporting.
703. Determines subframe type of a subframe n+p.
704. Report CSI reflecting channel conditions in the subframe type of subframe n+p.
End

Fig. 7

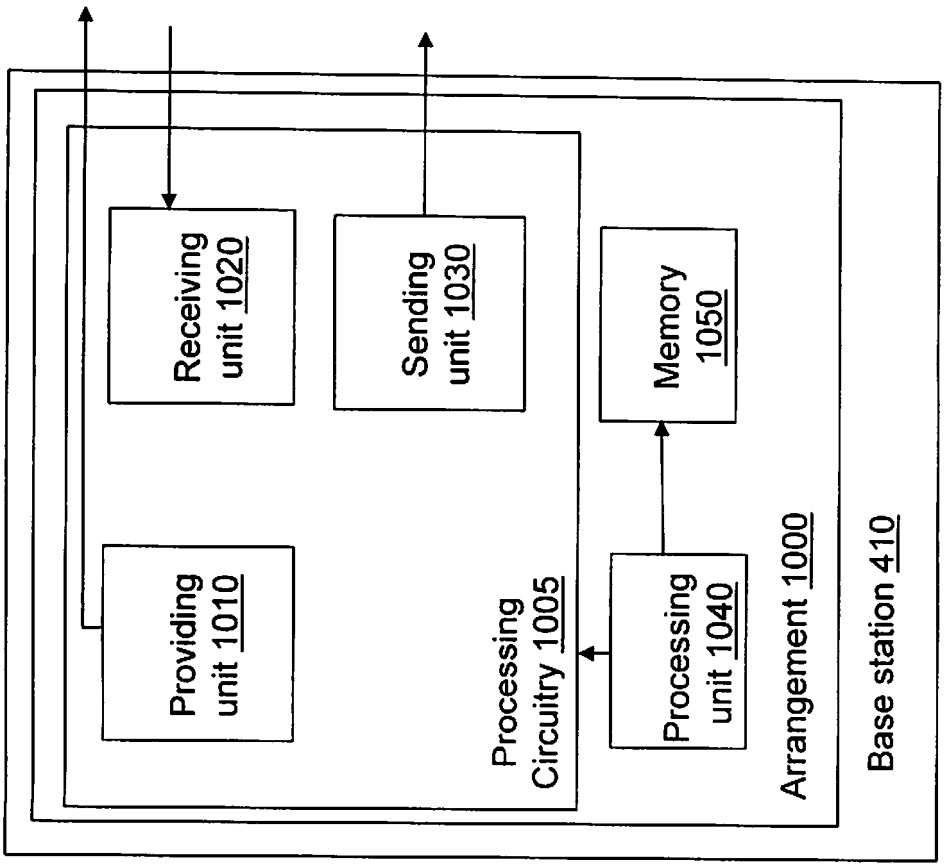

Base station 410
Arrangement 1000
Processing Circuitry 1005
Providing unit 1010
Receiving unit 1020
Sending unit 1030
Memory 1050
Processing unit 1040

Fig. 10

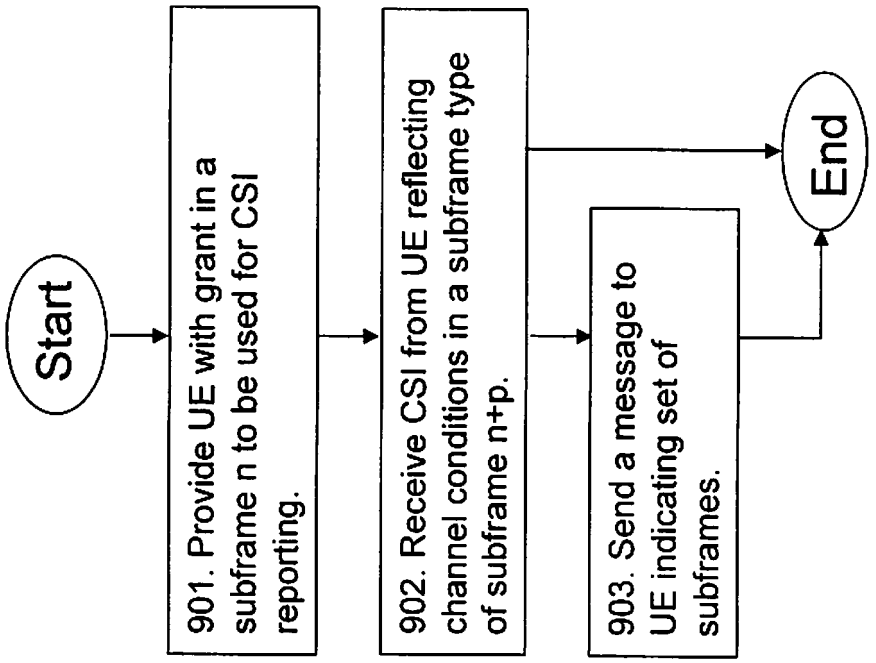

Start
901. Provide UE with grant in a subframe n to be used for CSI reporting.
902. Receive CSI from UE reflecting channel conditions in a subframe type of subframe n+p.
903. Send a message to UE indicating set of subframes.
End

Fig. 9