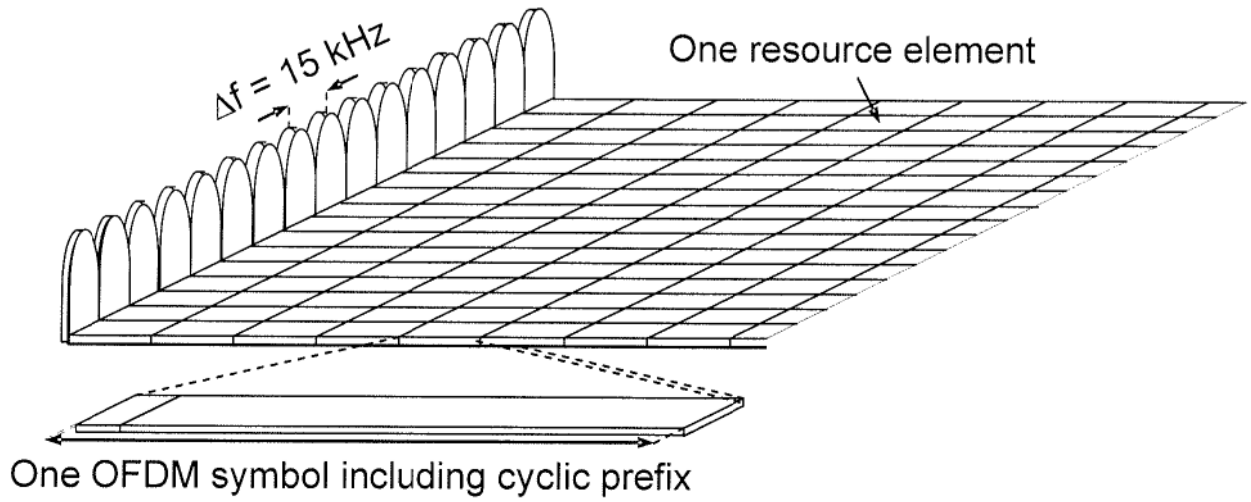
Δf = 15 kHz
One resource element
One OFDM symbol including cyclic prefix

Fig. 1

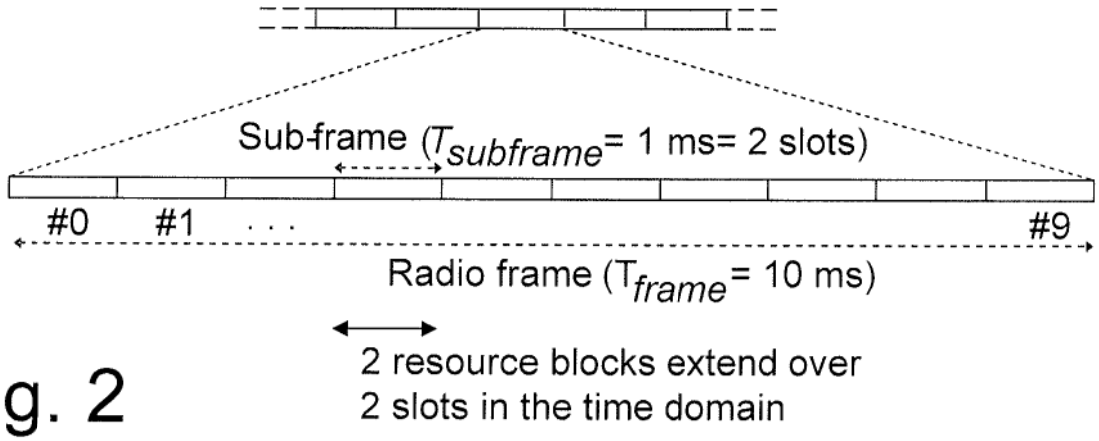
Sub-frame ($T_{subframe}$= 1 ms= 2 slots)
#0
#1
. . .
#9
Radio frame (T_{frame}= 10 ms)
2 resource blocks extend over
2 slots in the time domain

Fig. 2

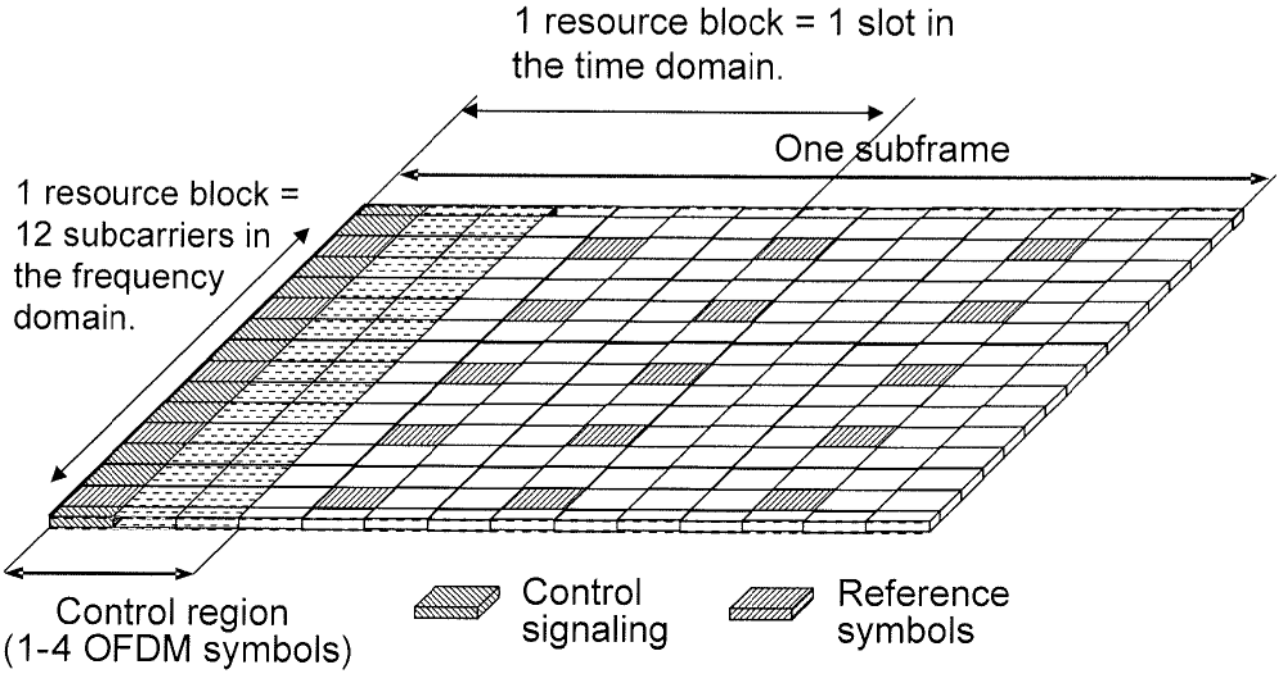

Fig. 3

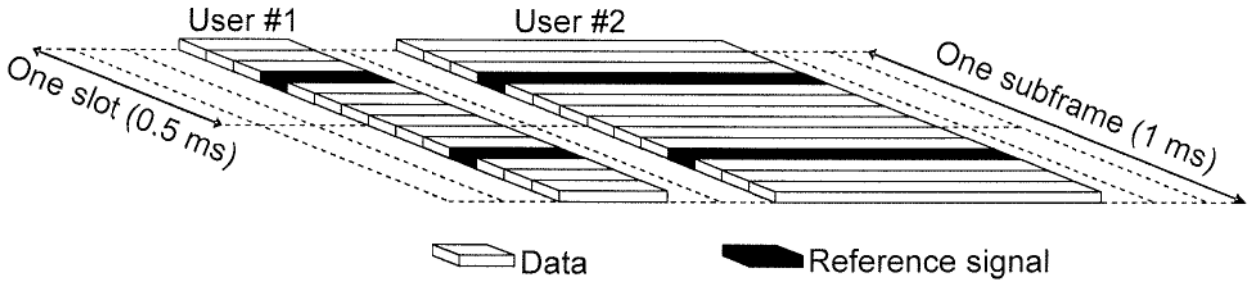

Fig. 4

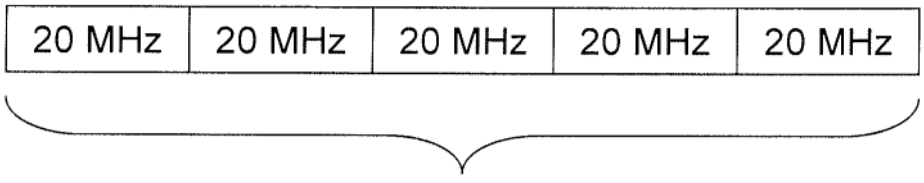

Fig. 5

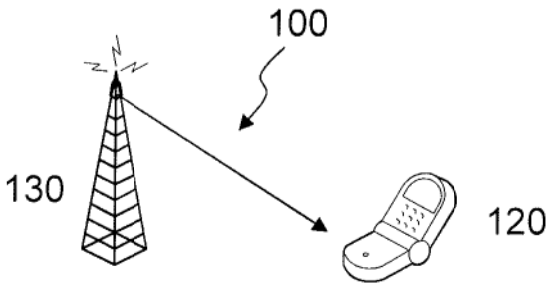
100
130
120

Fig. 6

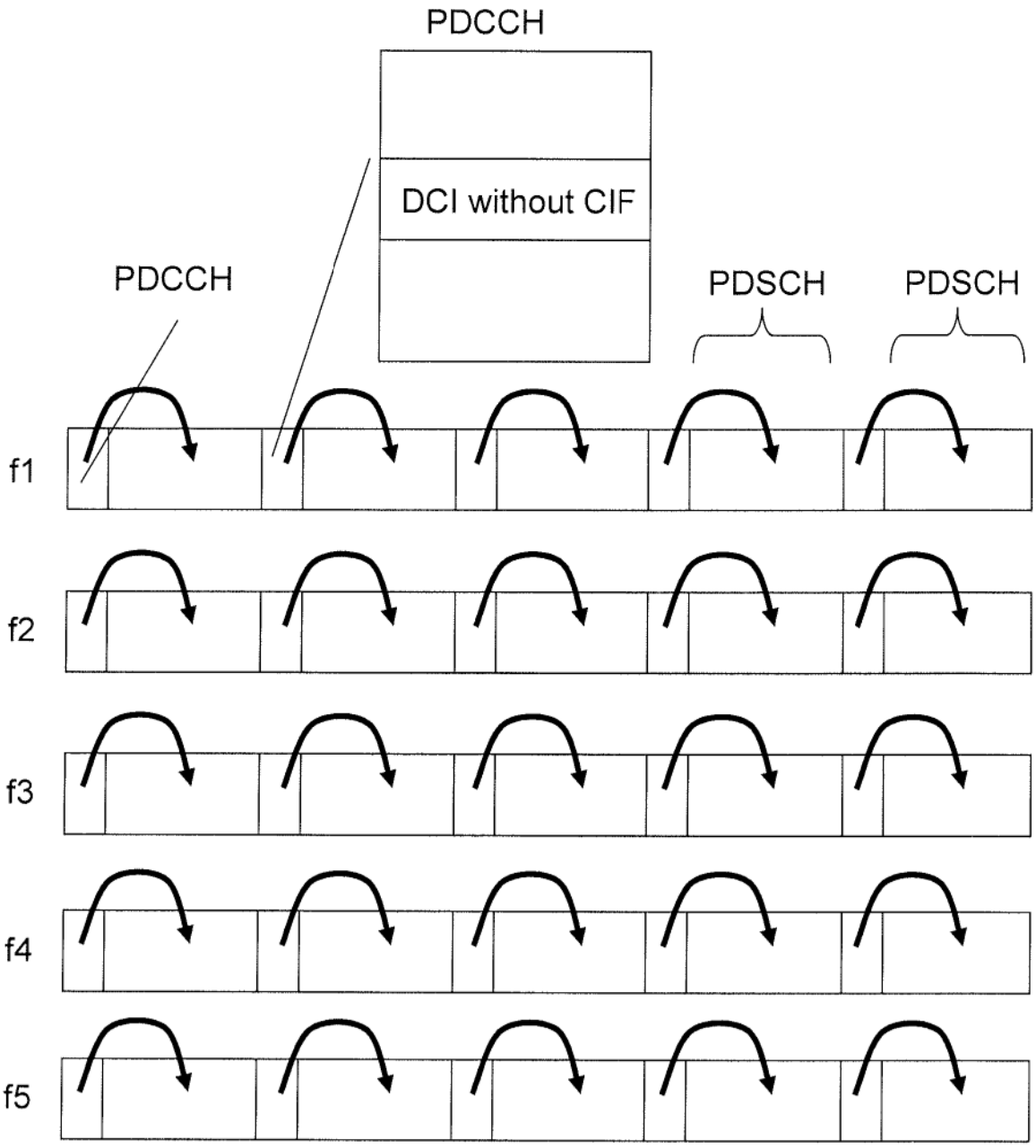
PDCCH
DCI without CIF
PDCCH
PDSCH
PDSCH
f1
f2
f3
f4
f5

Fig. 7

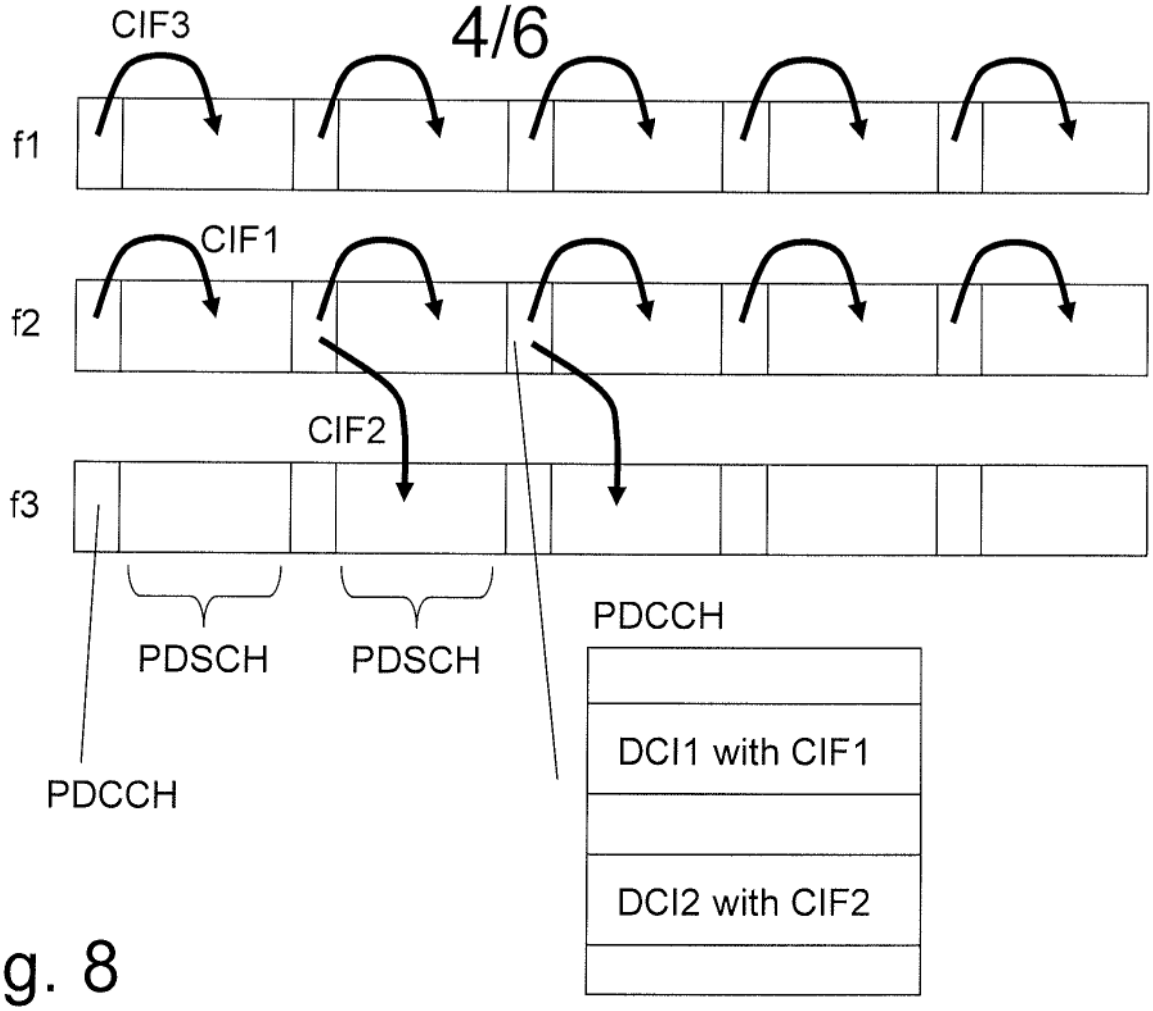
CIF3
f1
CIF1
f2
CIF2
f3
PDSCH
PDSCH
PDCCH
PDCCH
DCI1 with CIF1
DCI2 with CIF2

Fig. 8

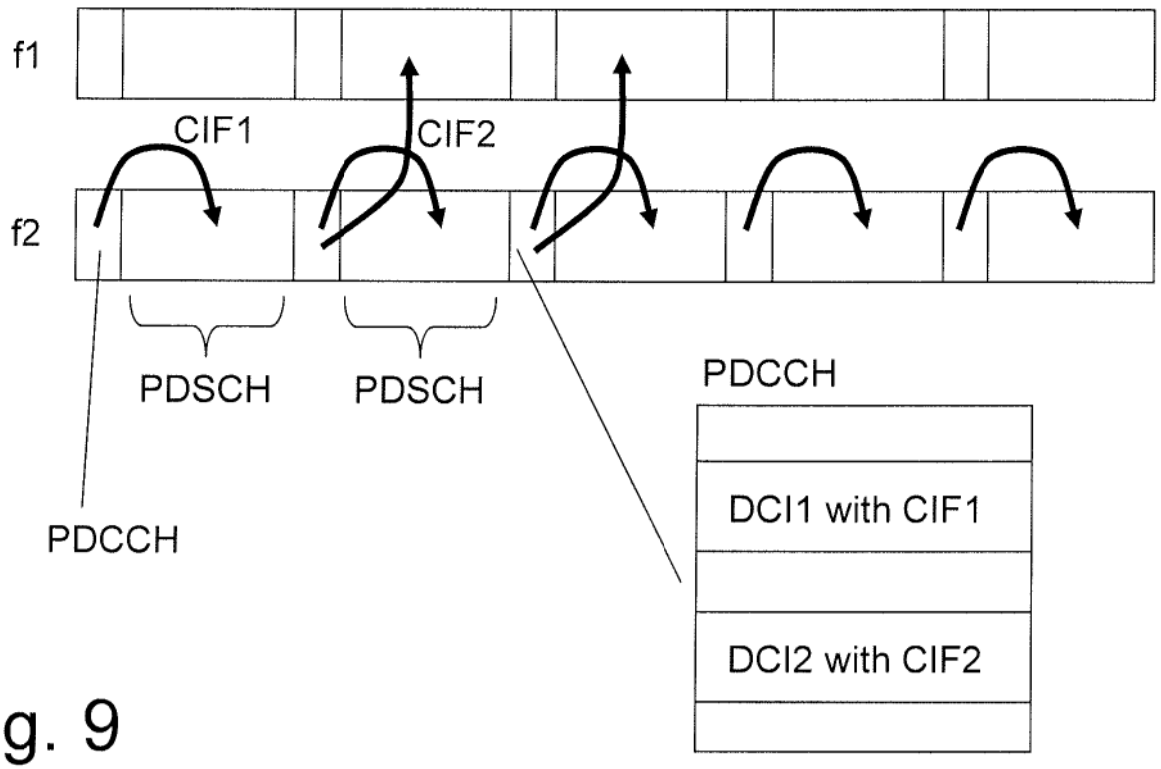
f1
CIF1
CIF2
f2
PDSCH
PDSCH
PDCCH
PDCCH
DCI1 with CIF1
DCI2 with CIF2

Fig. 9

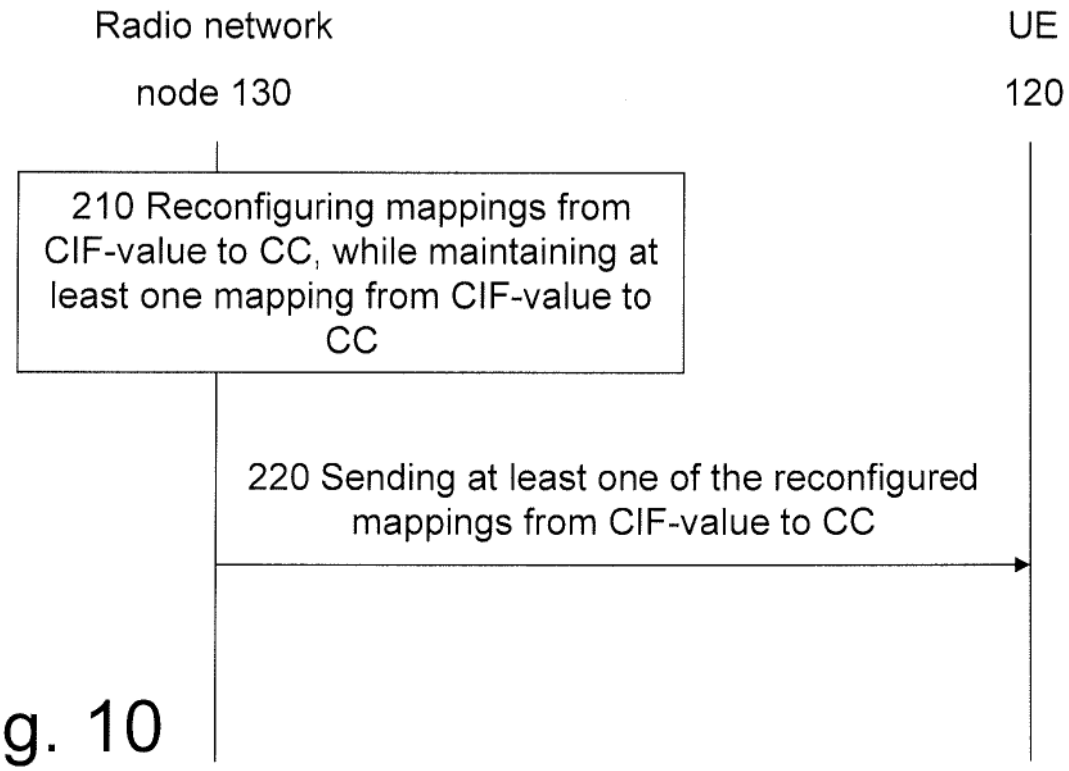
Radio network node 130
UE 120
210 Reconfiguring mappings from CIF-value to CC, while maintaining at least one mapping from CIF-value to CC
220 Sending at least one of the reconfigured mappings from CIF-value to CC

Fig. 10

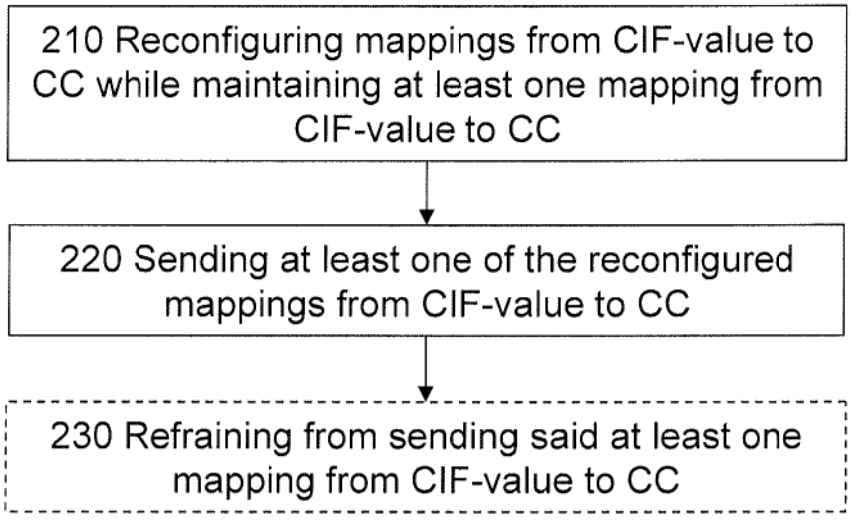
210 Reconfiguring mappings from CIF-value to CC while maintaining at least one mapping from CIF-value to CC
220 Sending at least one of the reconfigured mappings from CIF-value to CC
230 Refraining from sending said at least one mapping from CIF-value to CC

Fig. 11

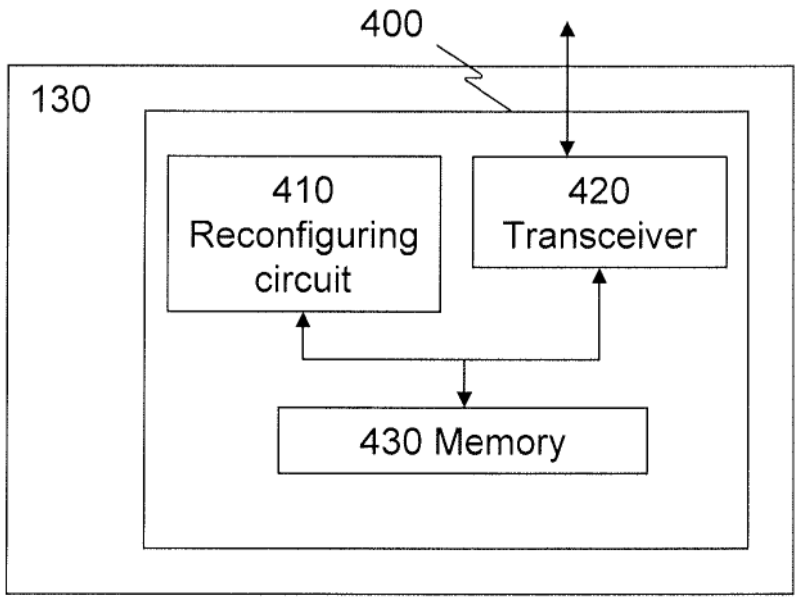
400
130
410
Reconfiguring
circuit
420
Transceiver
430 Memory

Fig. 12