

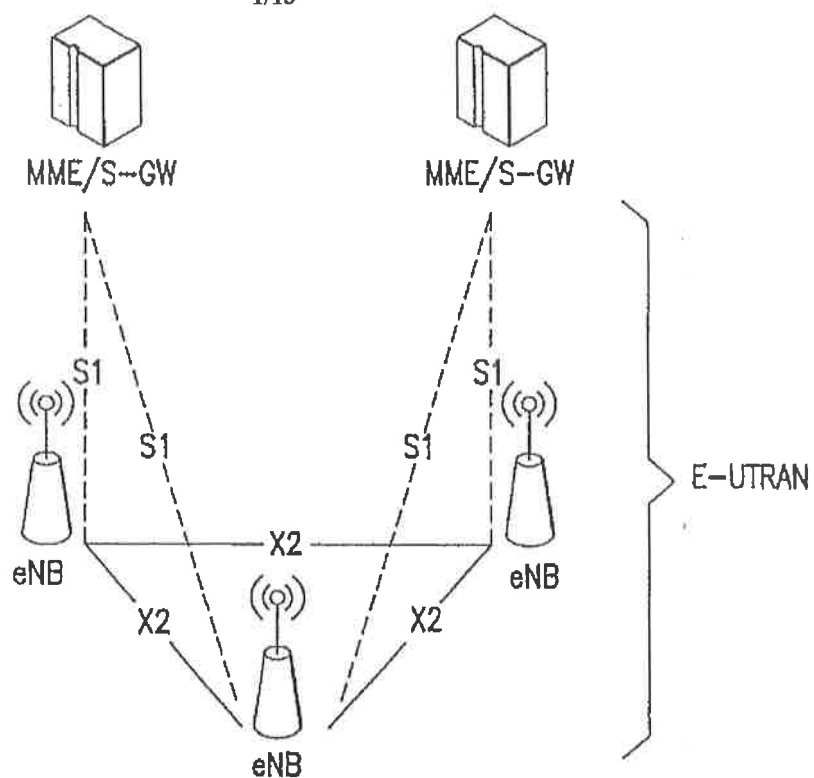


FIG. 1A

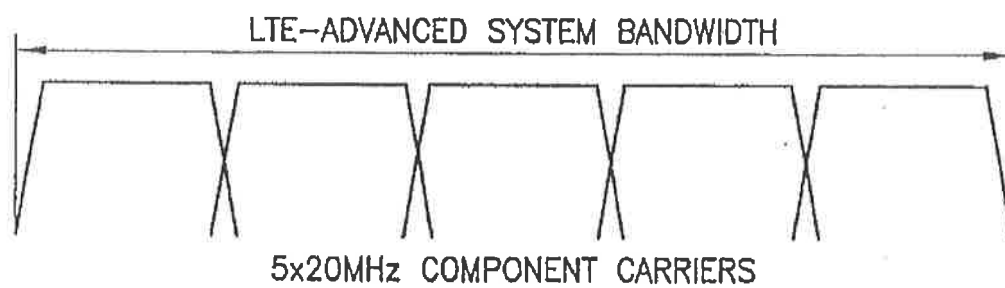
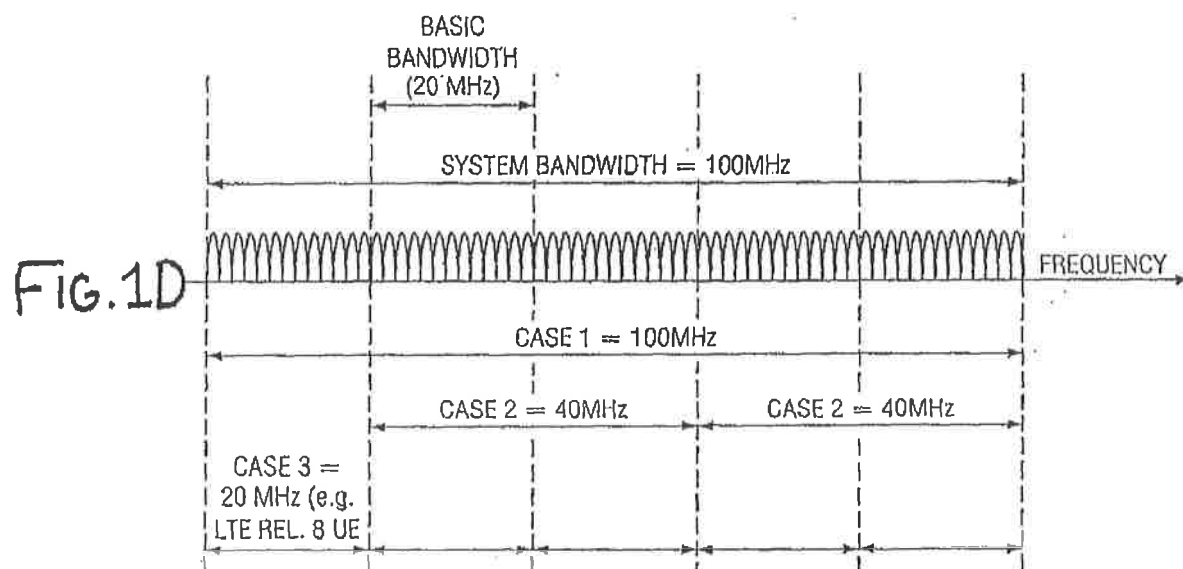
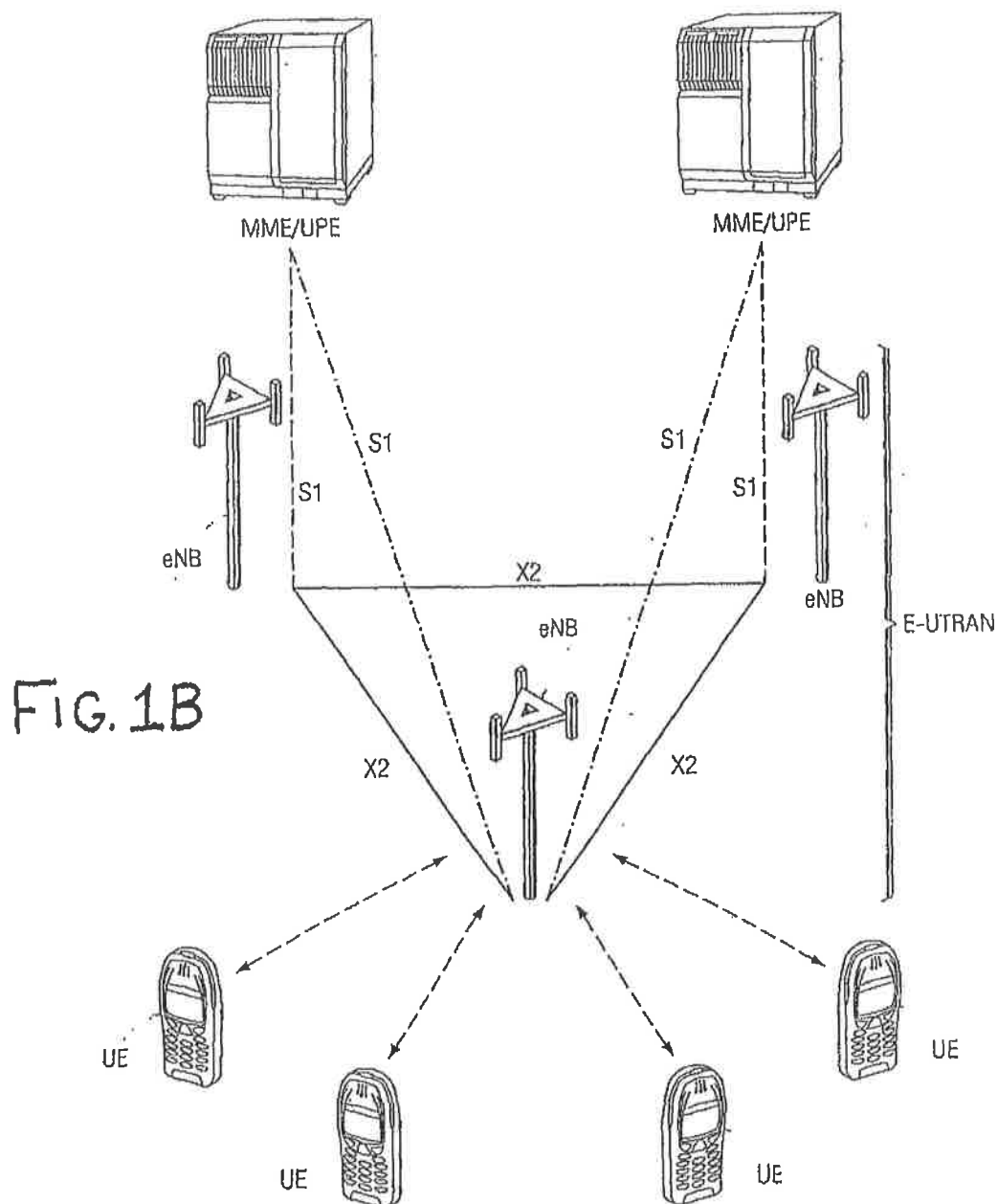


FIG. 1C



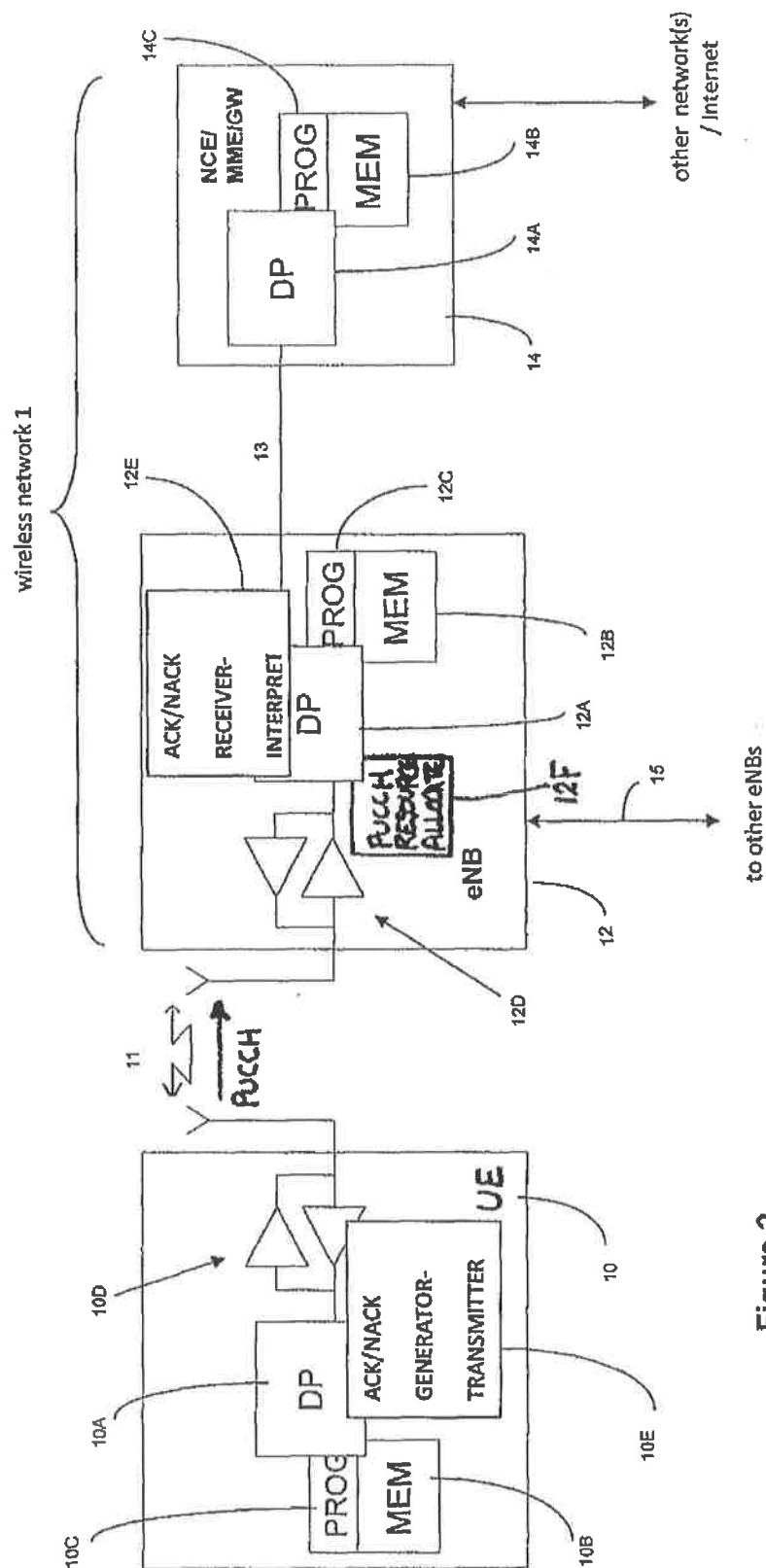


Figure 2

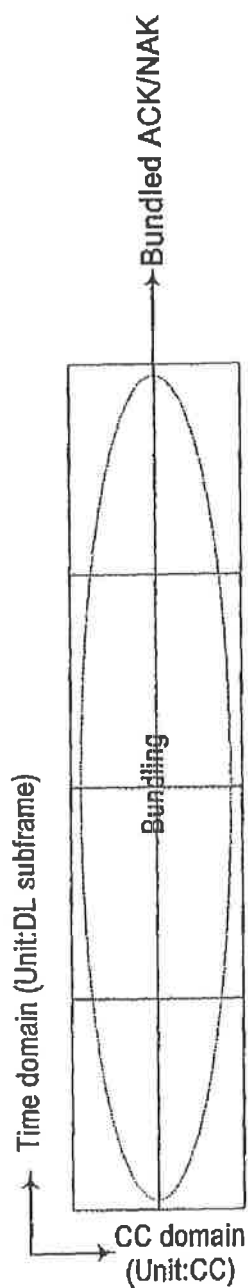


Figure3. ACK/NAK full bundling

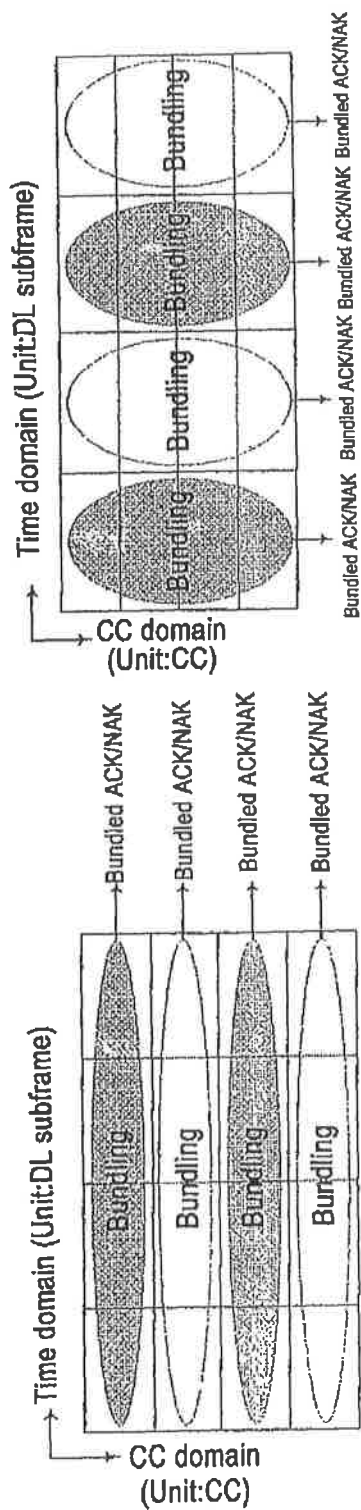


Figure 4. Time-domain and CC-domain bundling for ACK/NAK

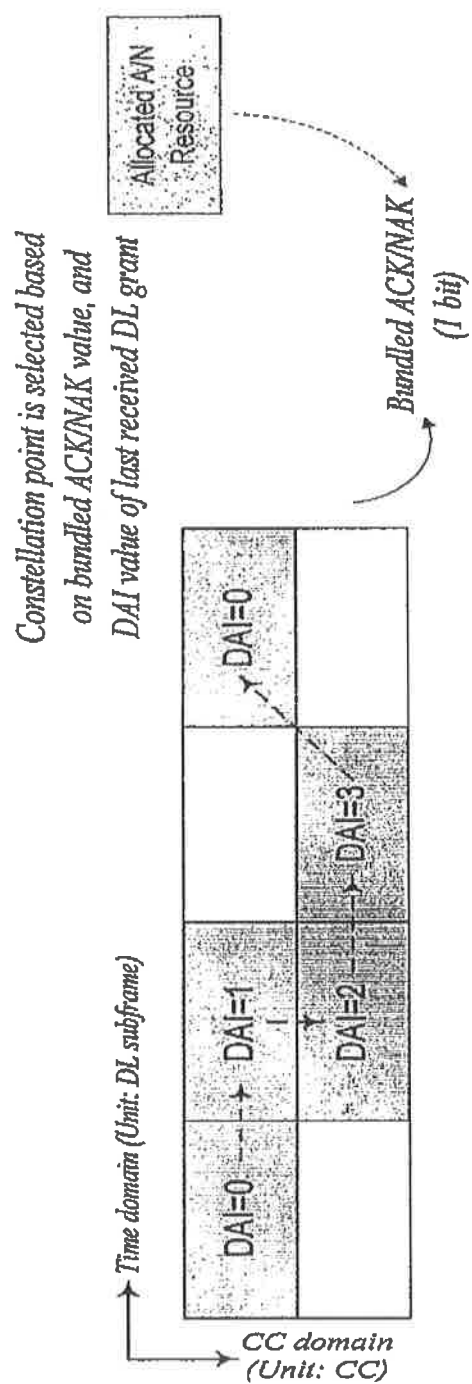


FIGURE 5A

Constellation point selection for embodiment of Figure 5A

| Selected Constellation<br>point (QPSK) | ACK/NAK value & DAI value of last<br>received PDCCH |
|----------------------------------------|-----------------------------------------------------|
| (0,0)                                  | NAK, any DAI value                                  |
| (0,1)                                  | ACK, DAI=0 or 3                                     |
| (1,0)                                  | ACK, DAI=1                                          |
| (1,1)                                  | ACK, DAI=2                                          |

FIGURE 5B

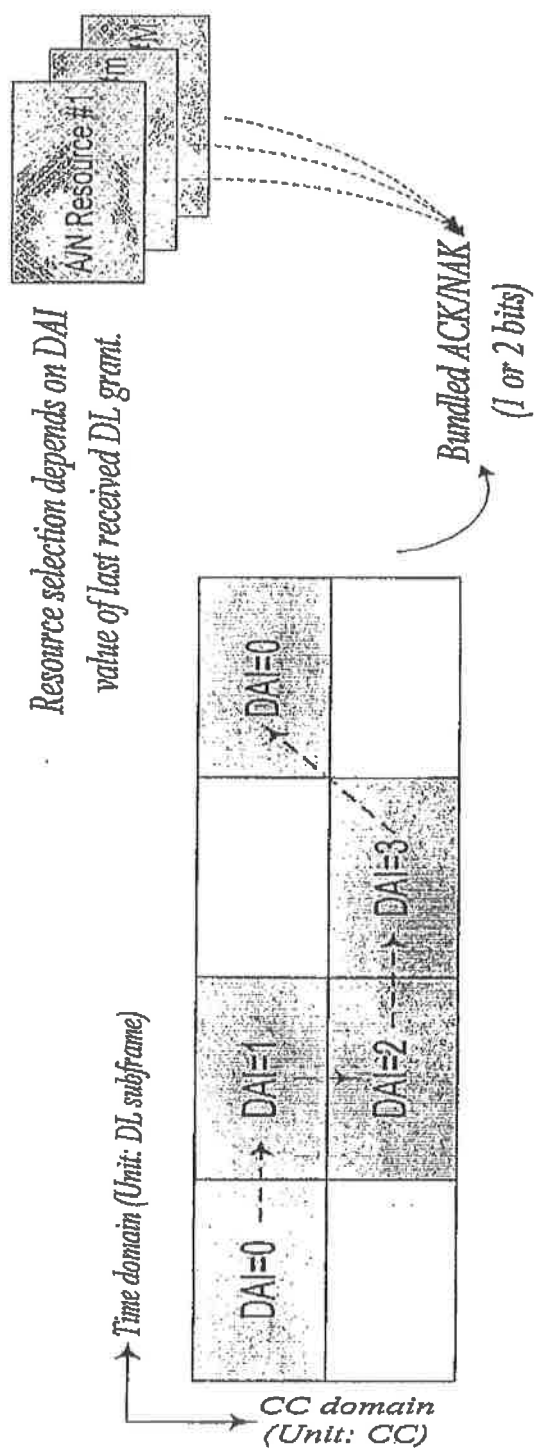


FIGURE 5C

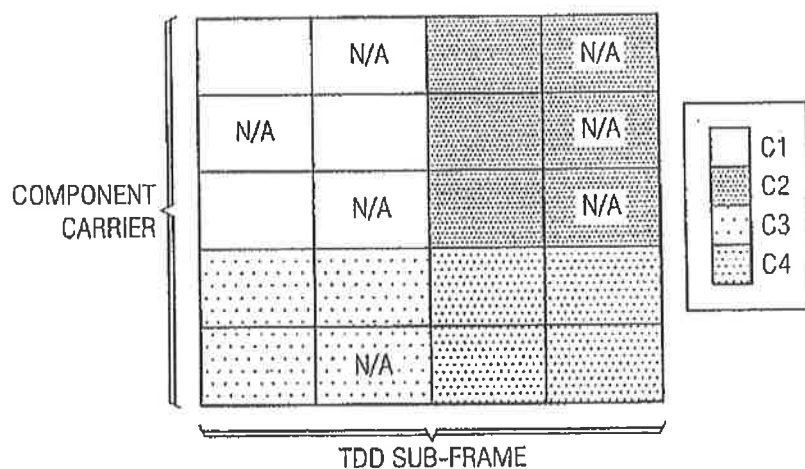


FIG. 6

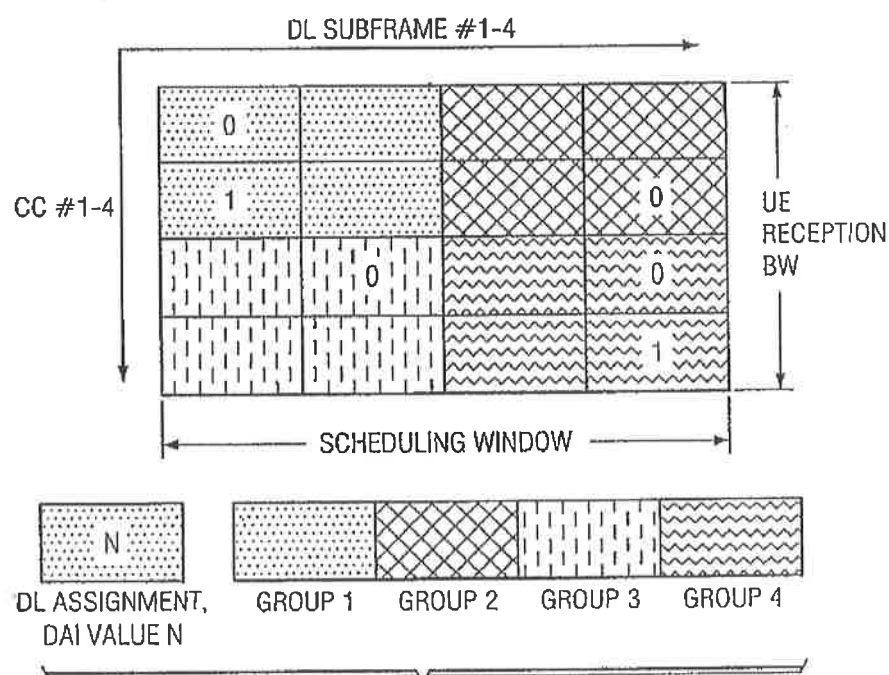


FIG. 7

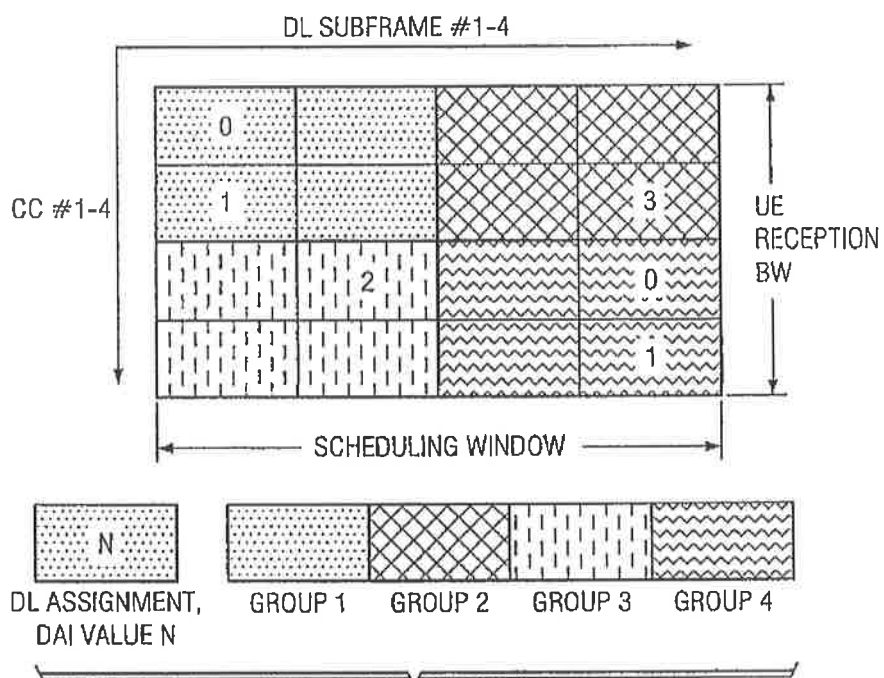


FIG. 8

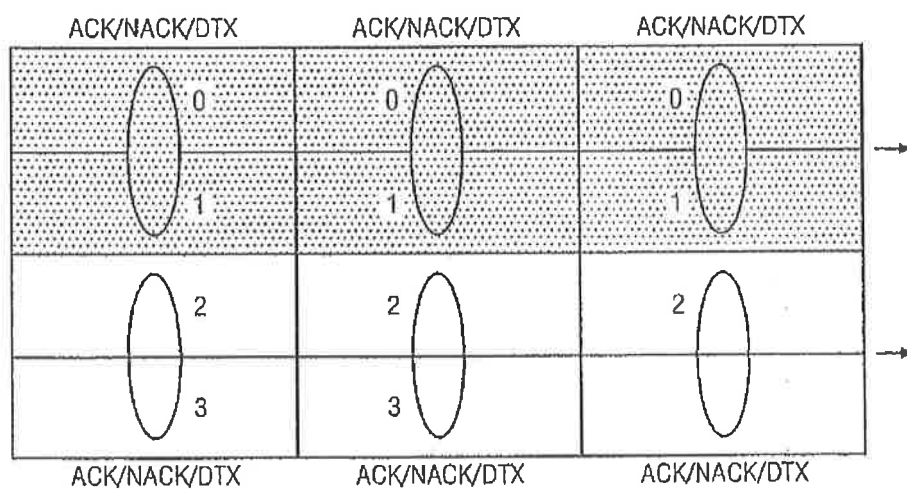
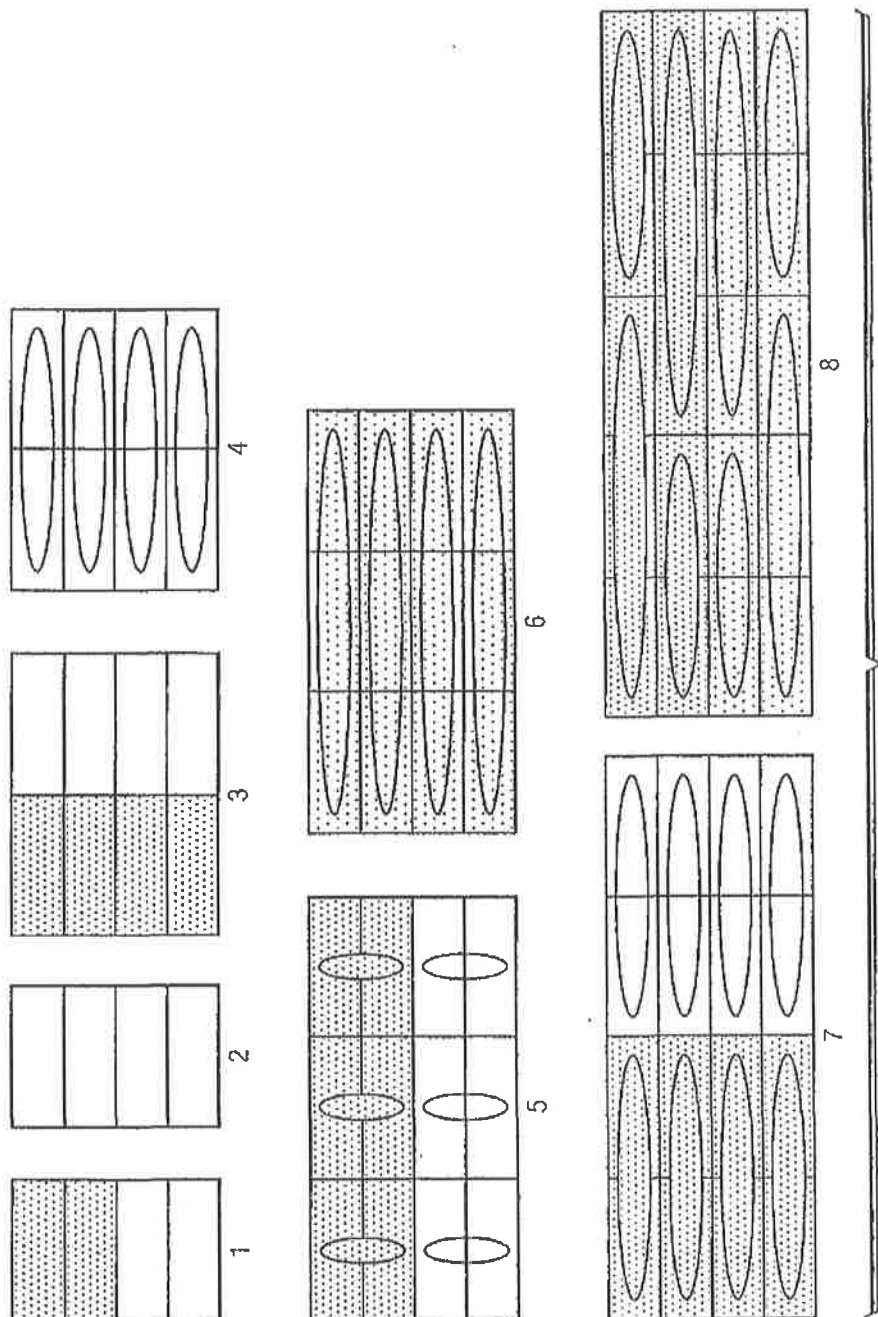


FIG. 10



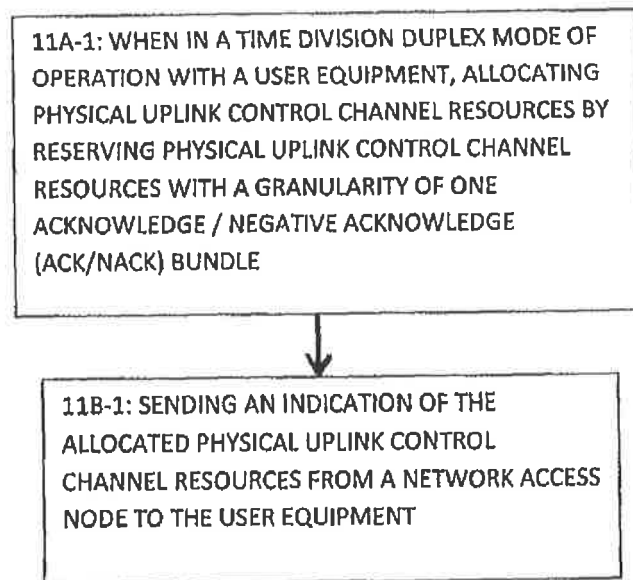


FIGURE 11A

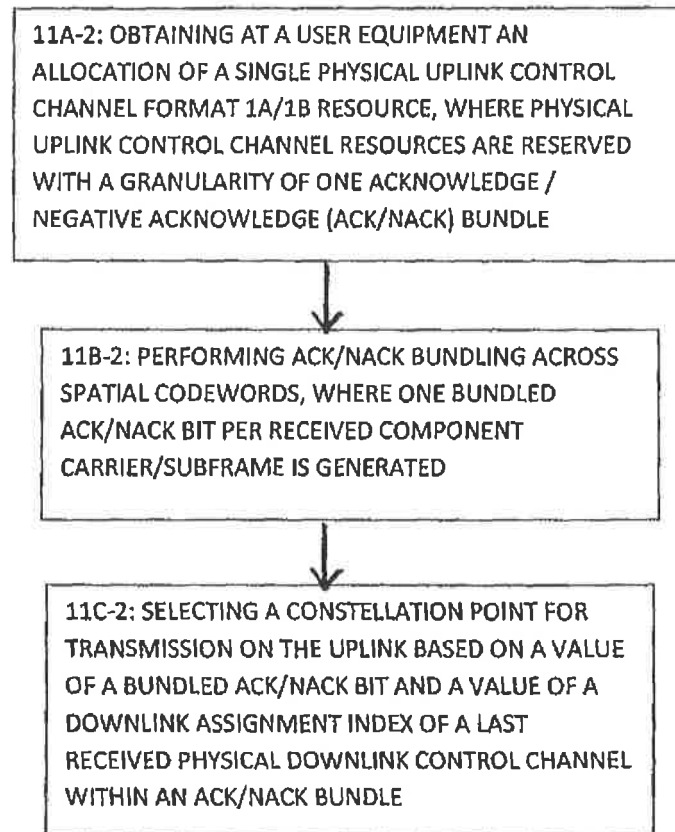


FIGURE 11B

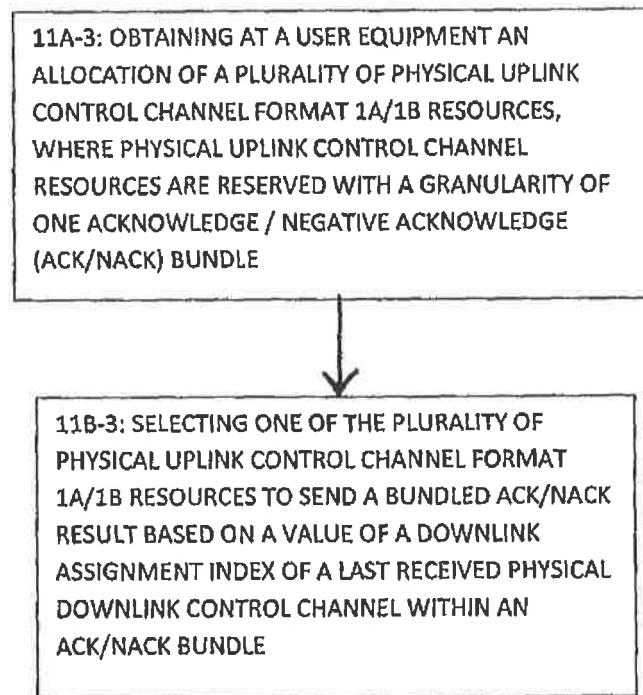


FIGURE 11C