

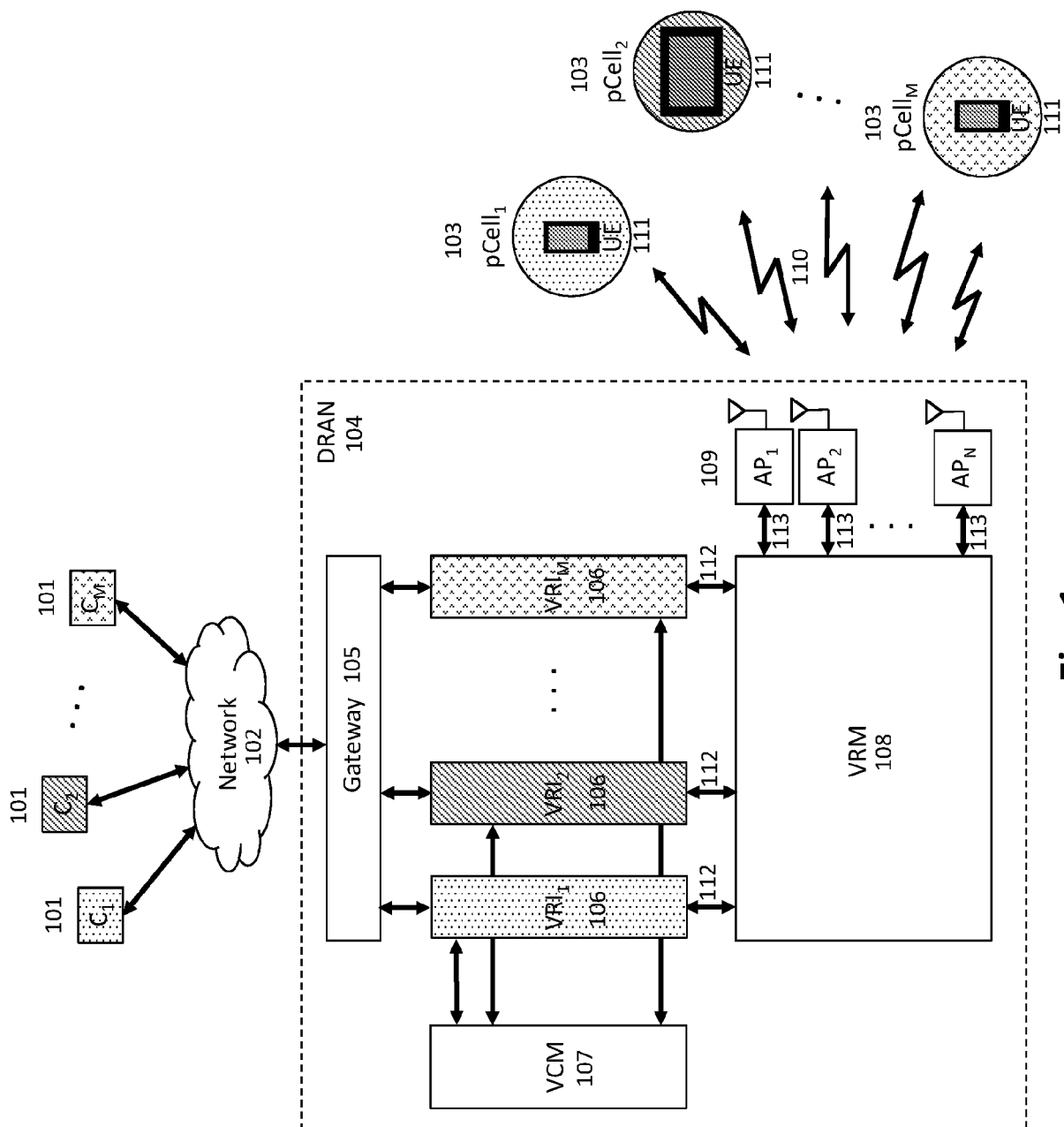


Fig. 1

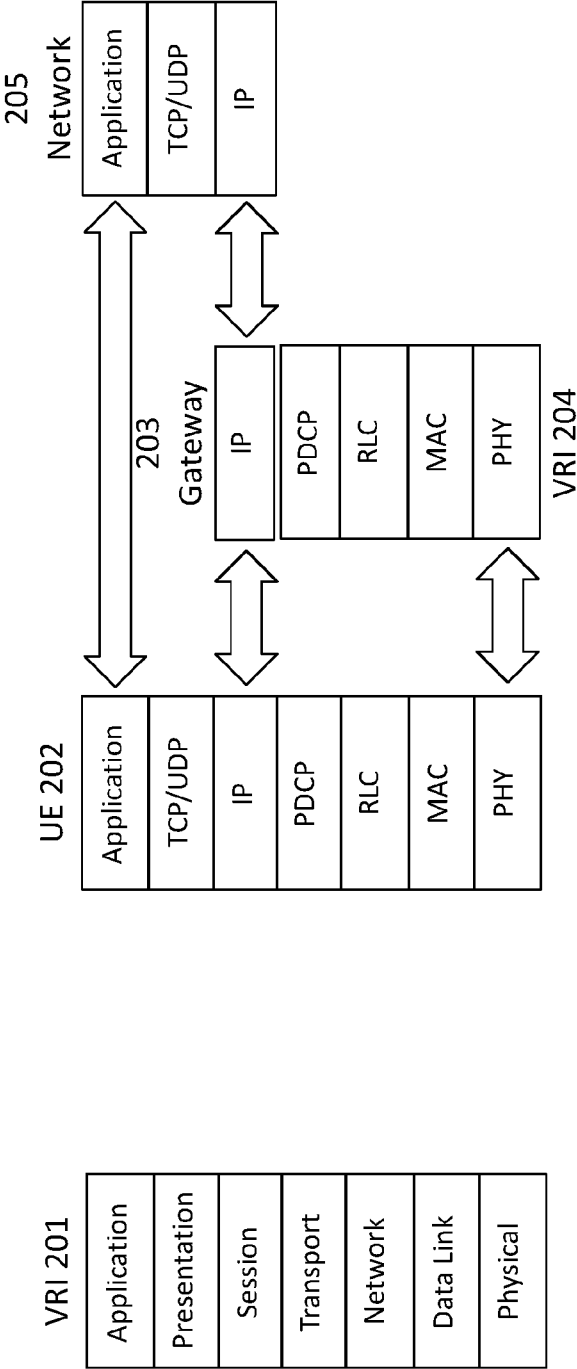


Fig. 2a

Fig. 2b

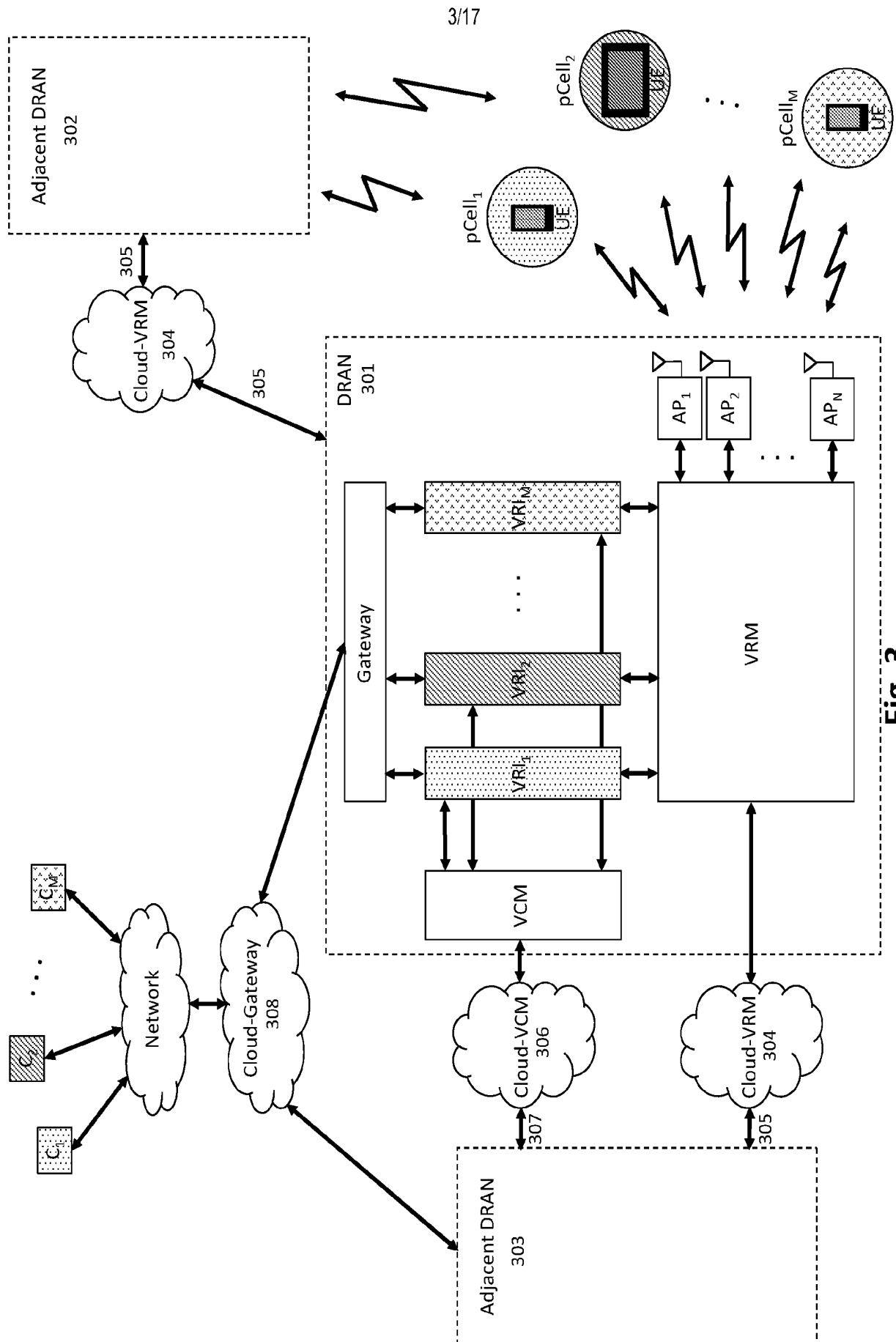
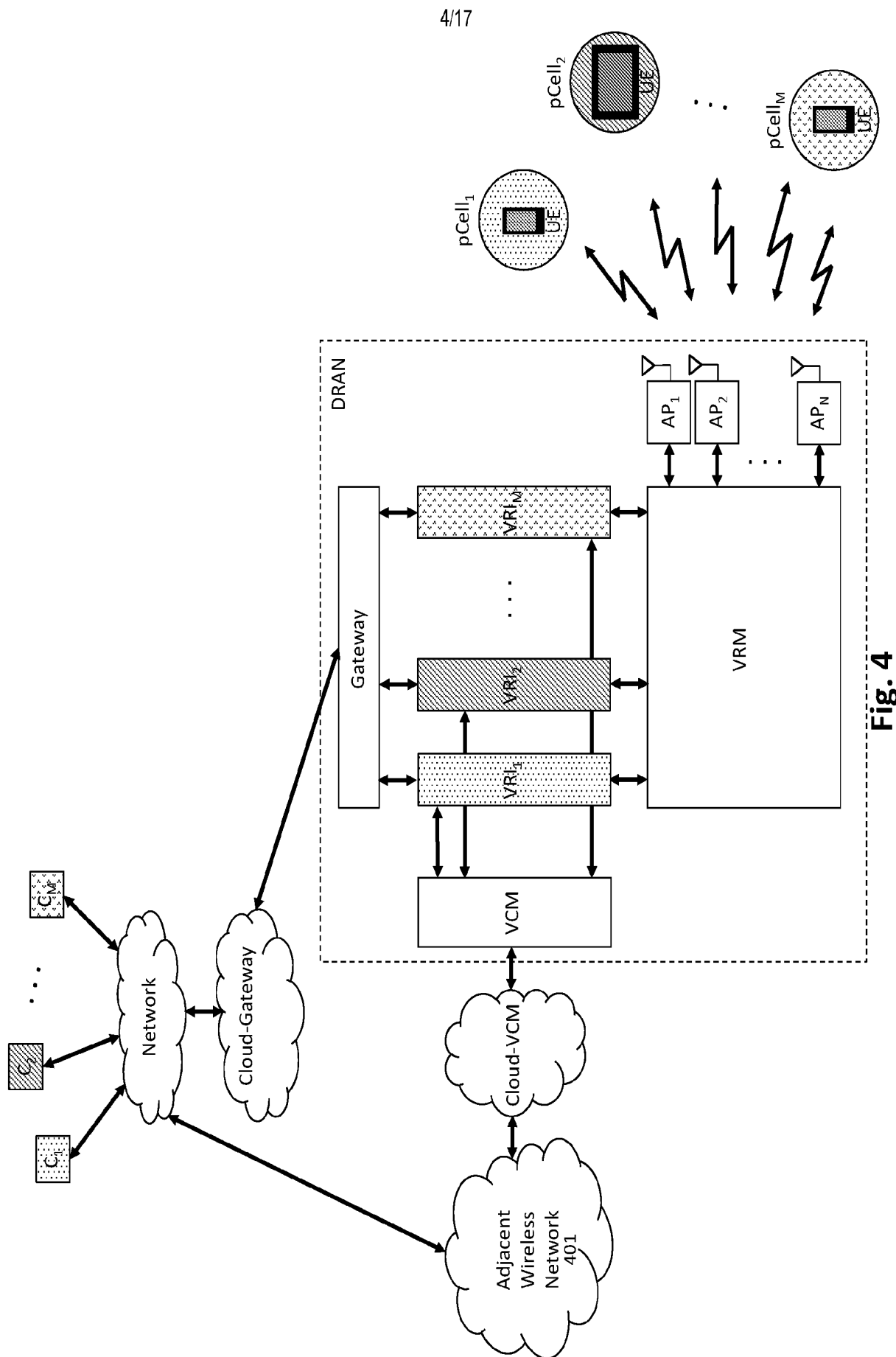


Fig. 3



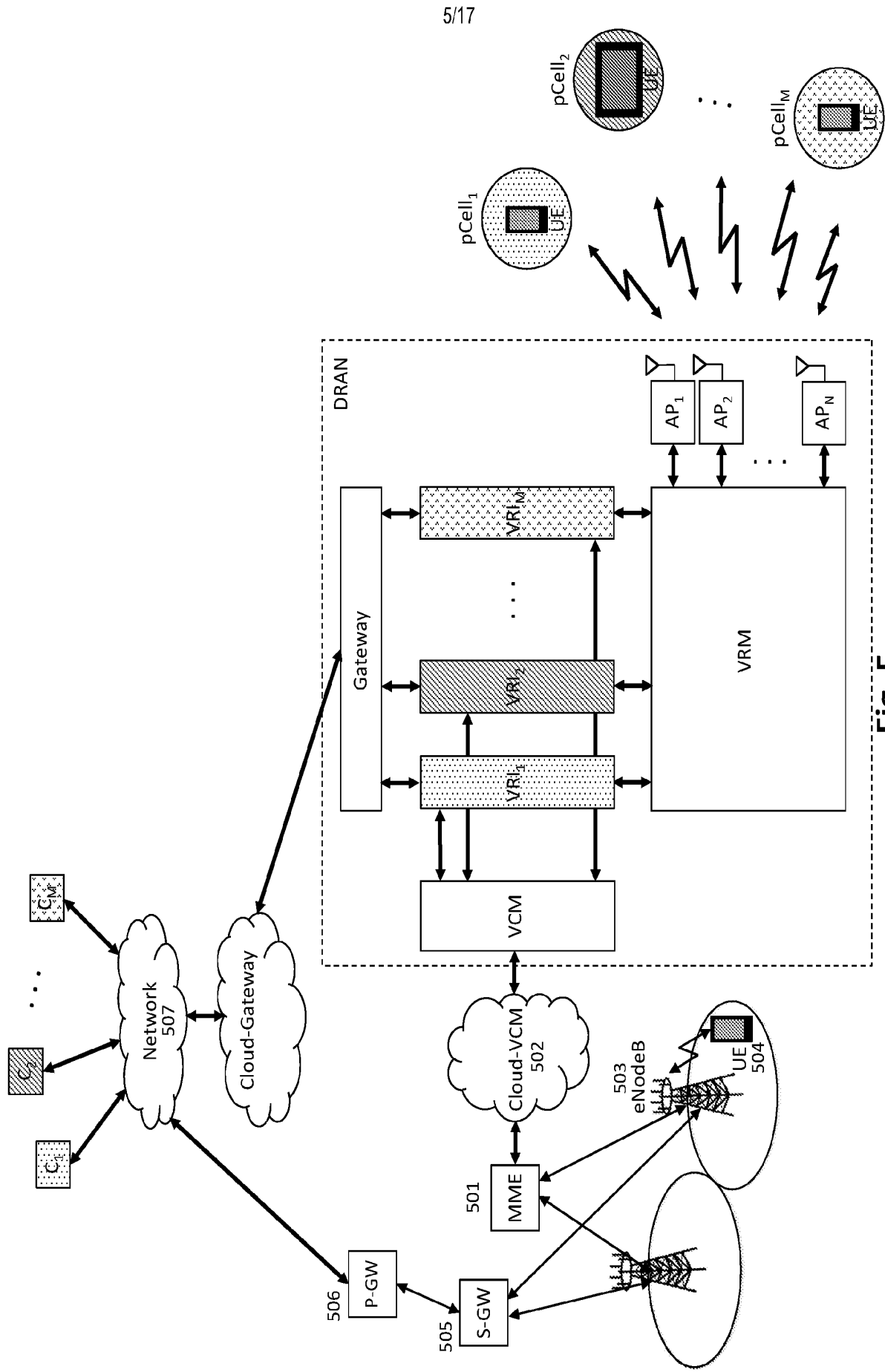


Fig. 5

Total (uplink + downlink) monthly traffic (PetaBytes). Source: Ericsson August 2013

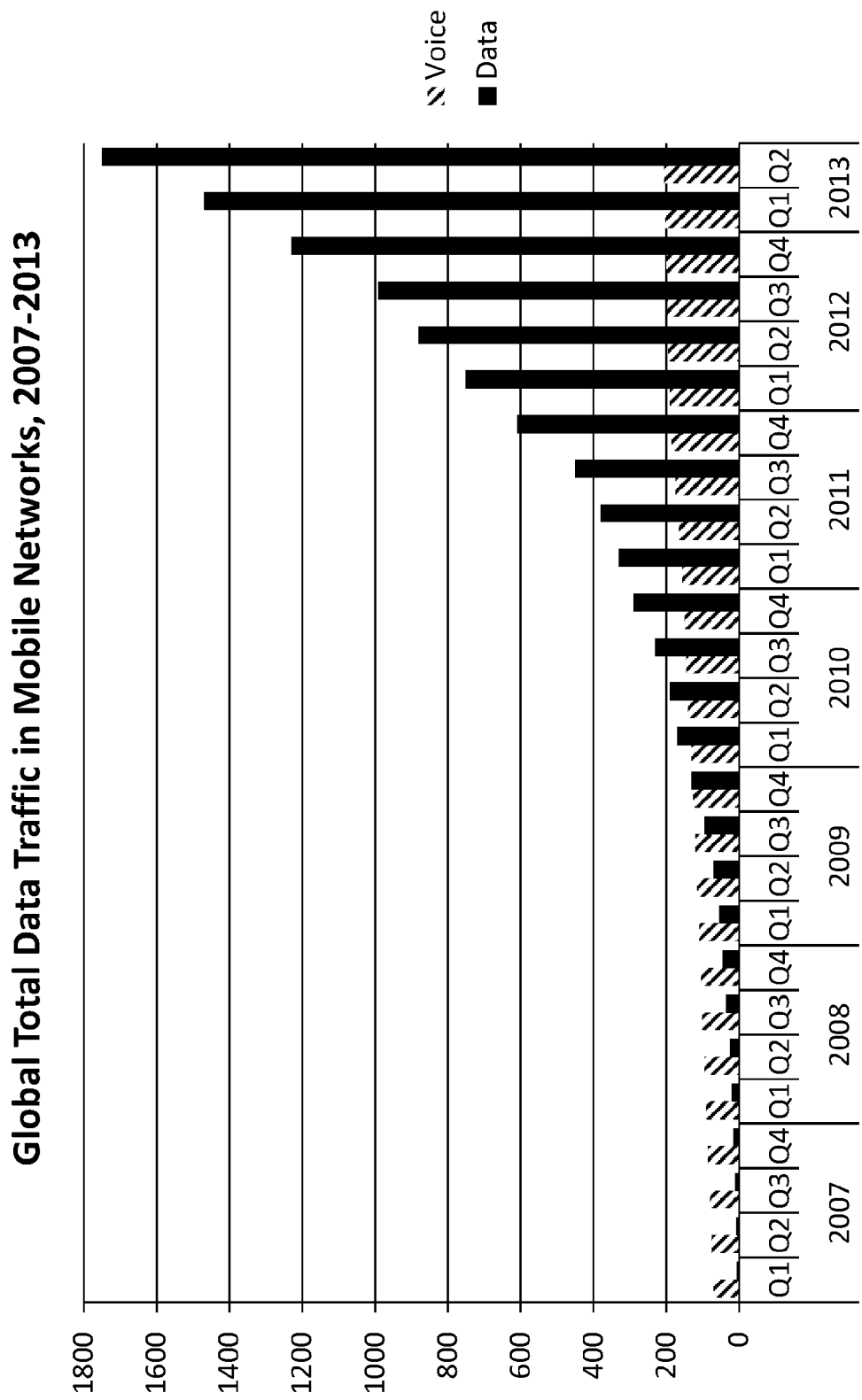
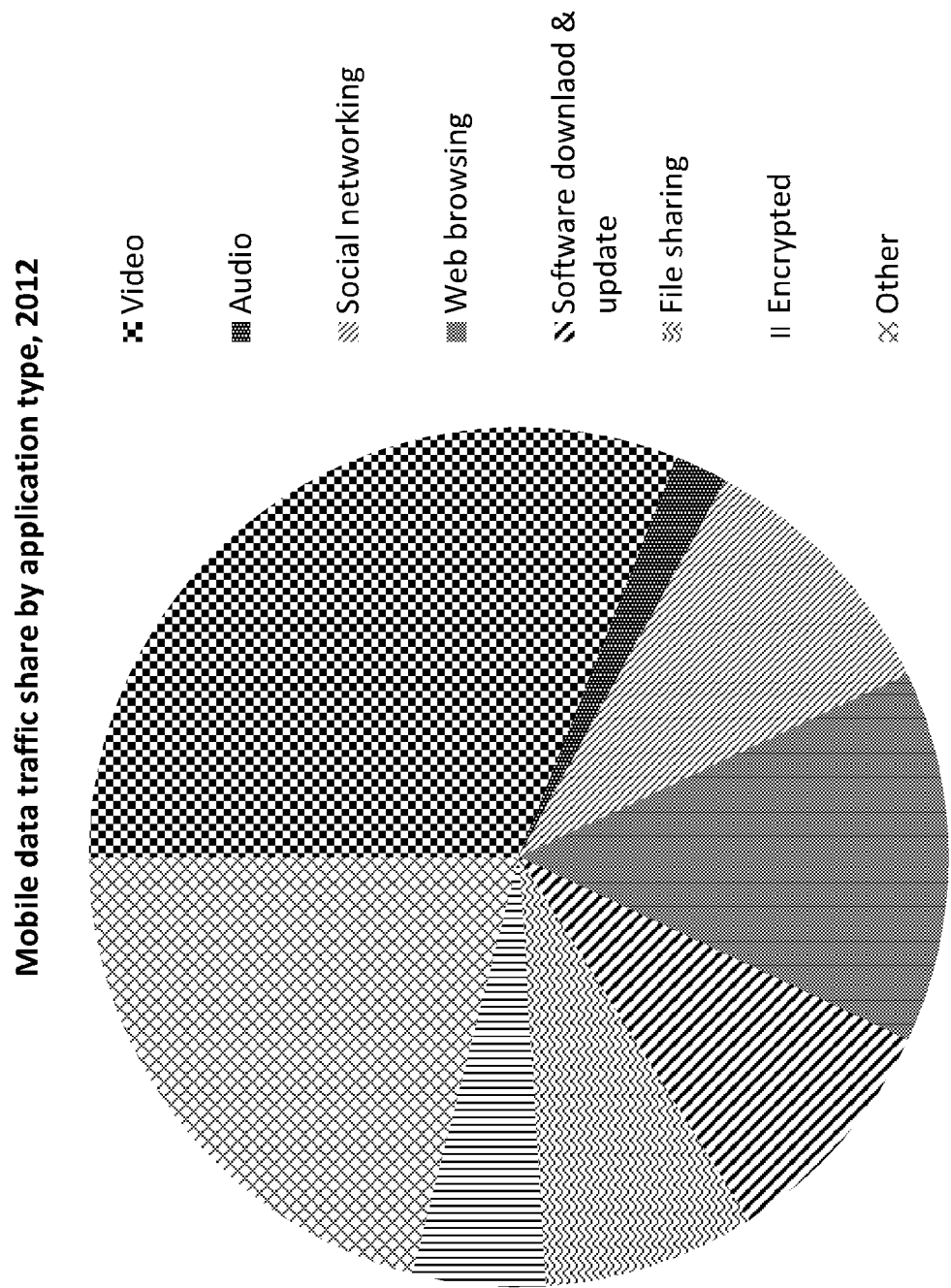


**Fig. 6**  
**(Prior Art)**



Source: Ericsson August 2013

**Fig. 7**  
**(Prior Art)**

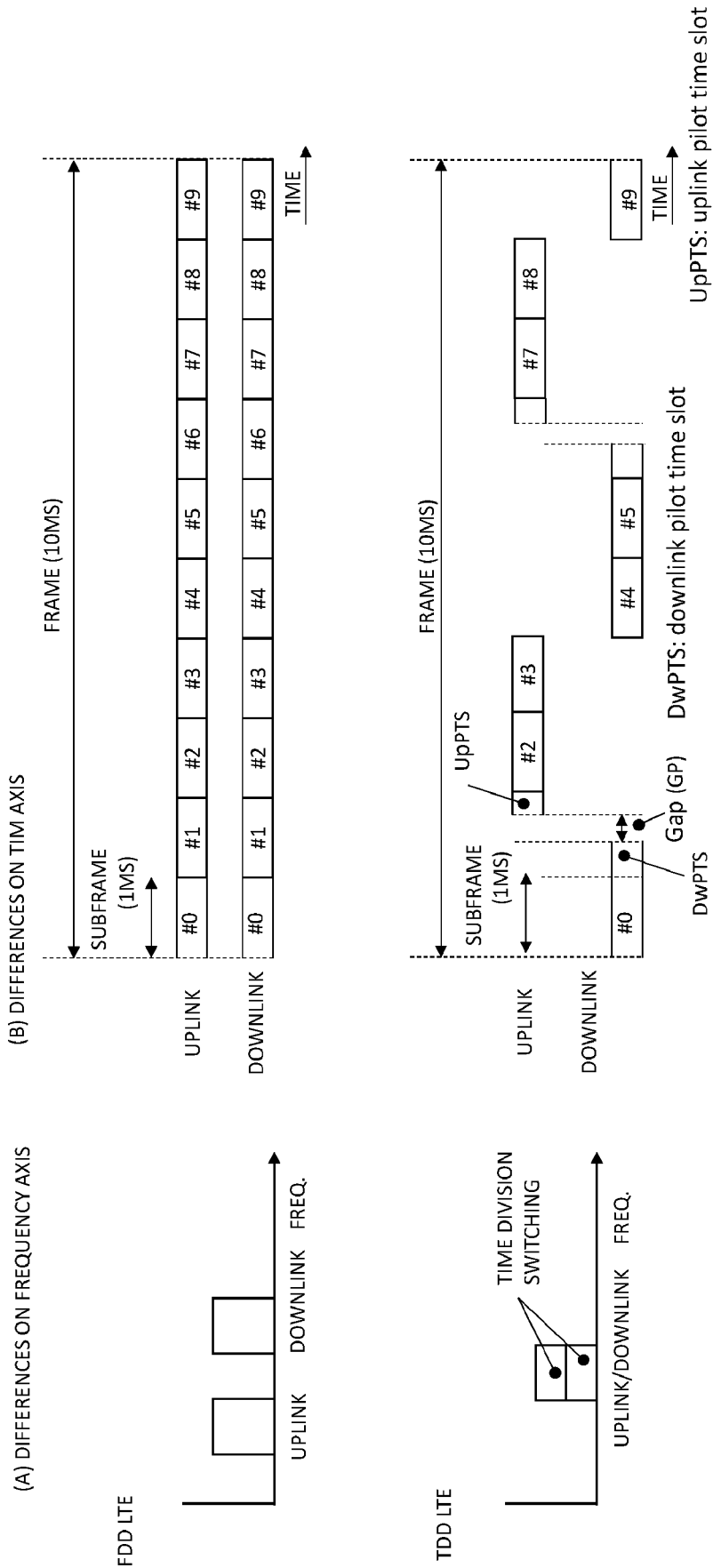


FIG. 8  
(PRIOR ART)

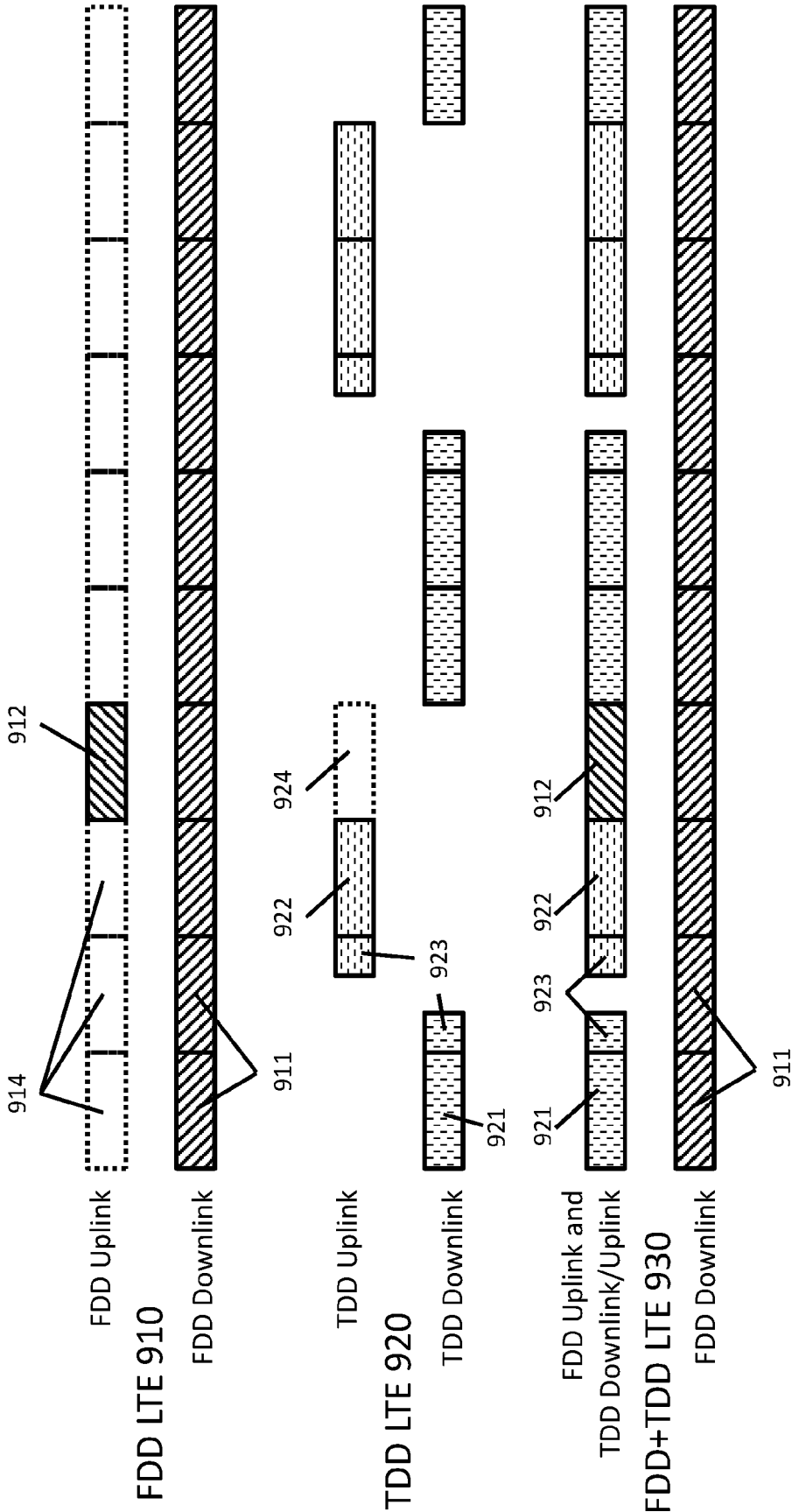


Fig. 9

TDD LTE Duplex Configurations

| UL/DL<br>Config. | UL/DL<br>Switch<br>Periodicity | Subframe Number |   |   |   |   |   |   |   |   |   |
|------------------|--------------------------------|-----------------|---|---|---|---|---|---|---|---|---|
|                  |                                | 0               | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|                  |                                |                 |   |   |   |   |   |   |   |   |   |
| 0                | 5 ms                           | D               | S | U | U | U | D | S | U | U | U |
| 1                | 5 ms                           | D               | S | U | U | D | D | S | U | U | D |
| 2                | 5 ms                           | D               | S | U | D | D | D | S | U | D | D |
| 3                | 10 ms                          | D               | S | U | U | U | D | D | D | D | D |
| 4                | 10 ms                          | D               | S | U | U | D | D | D | D | D | D |
| 5                | 10 ms                          | D               | S | U | D | D | D | D | D | D | D |
| 6                | 5 ms                           | D               | S | U | U | U | D | S | U | U | D |

Fig. 10  
(Prior Art)

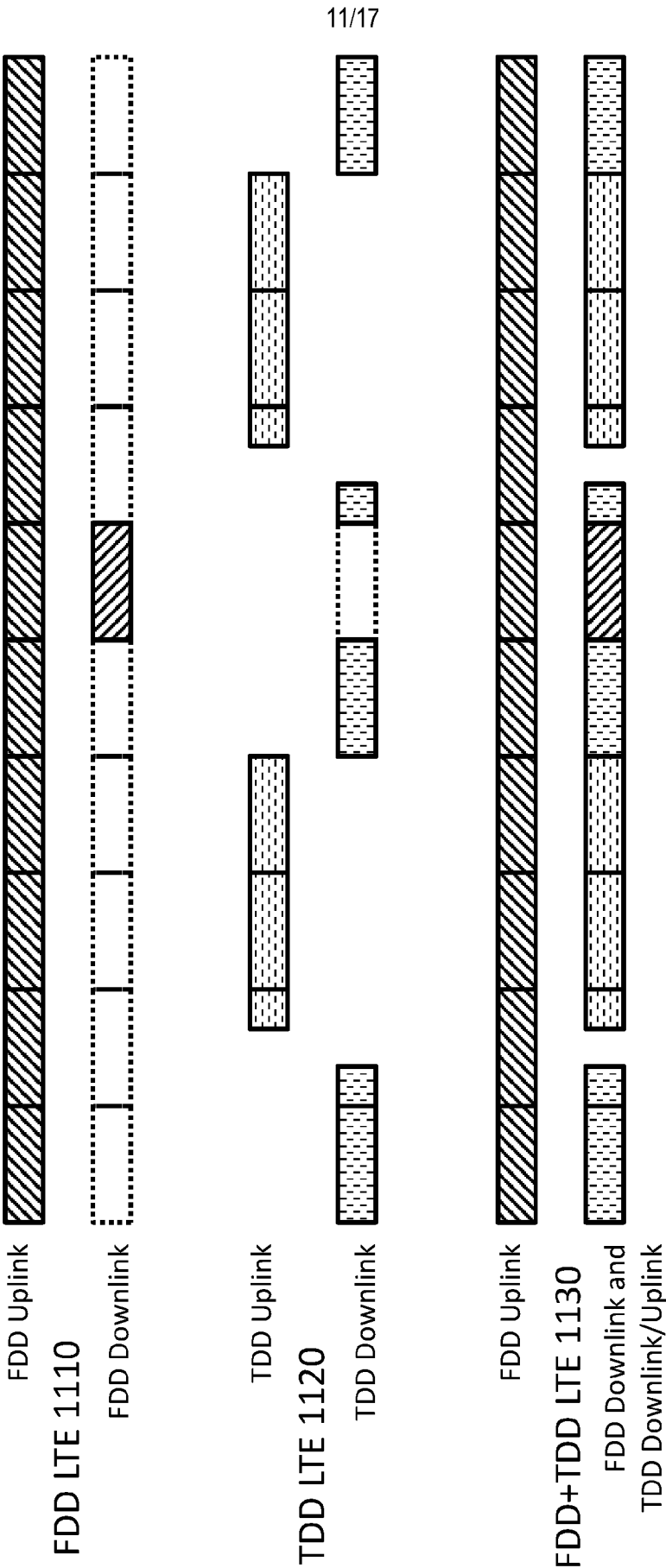


Fig. 11

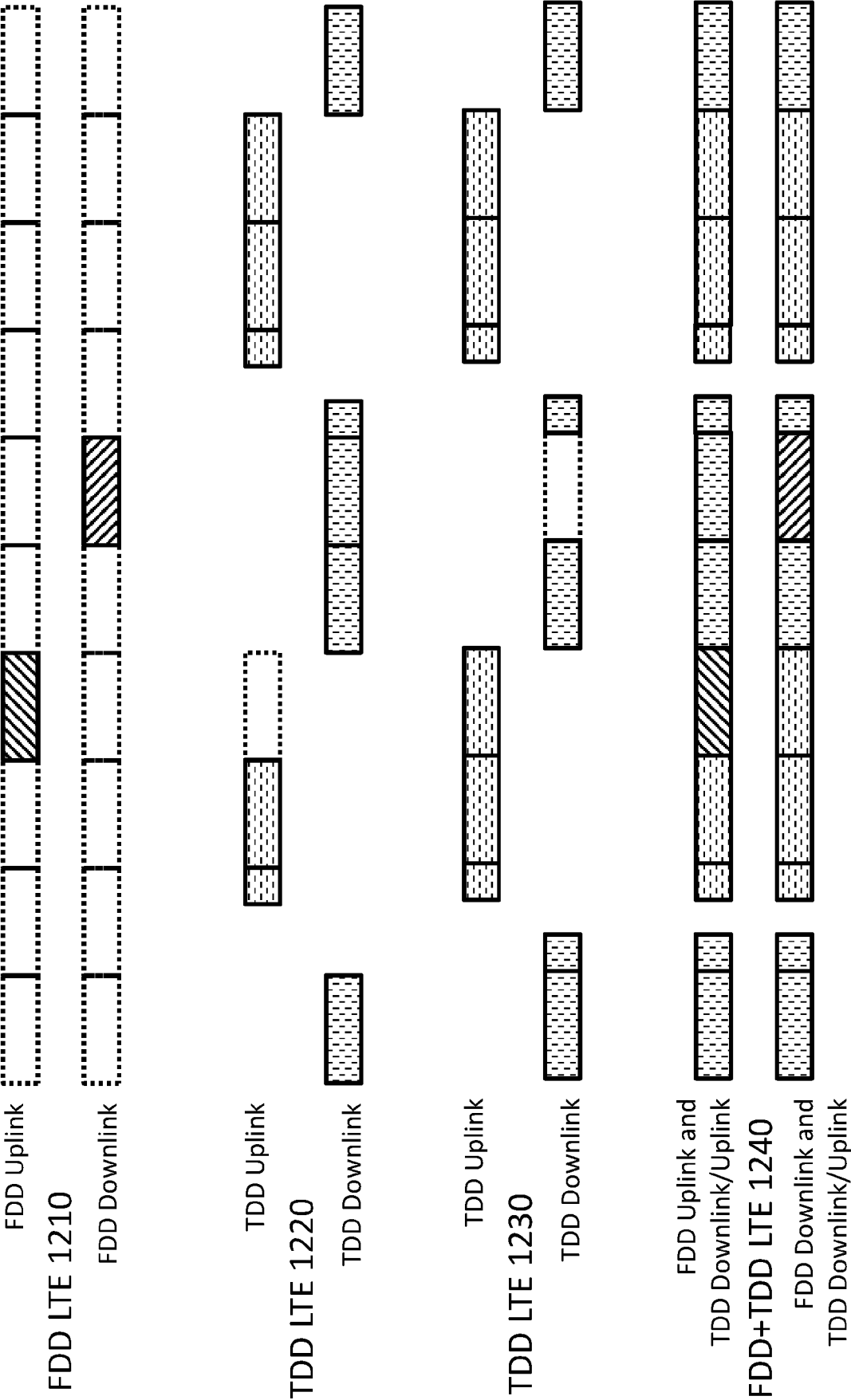


Fig. 12

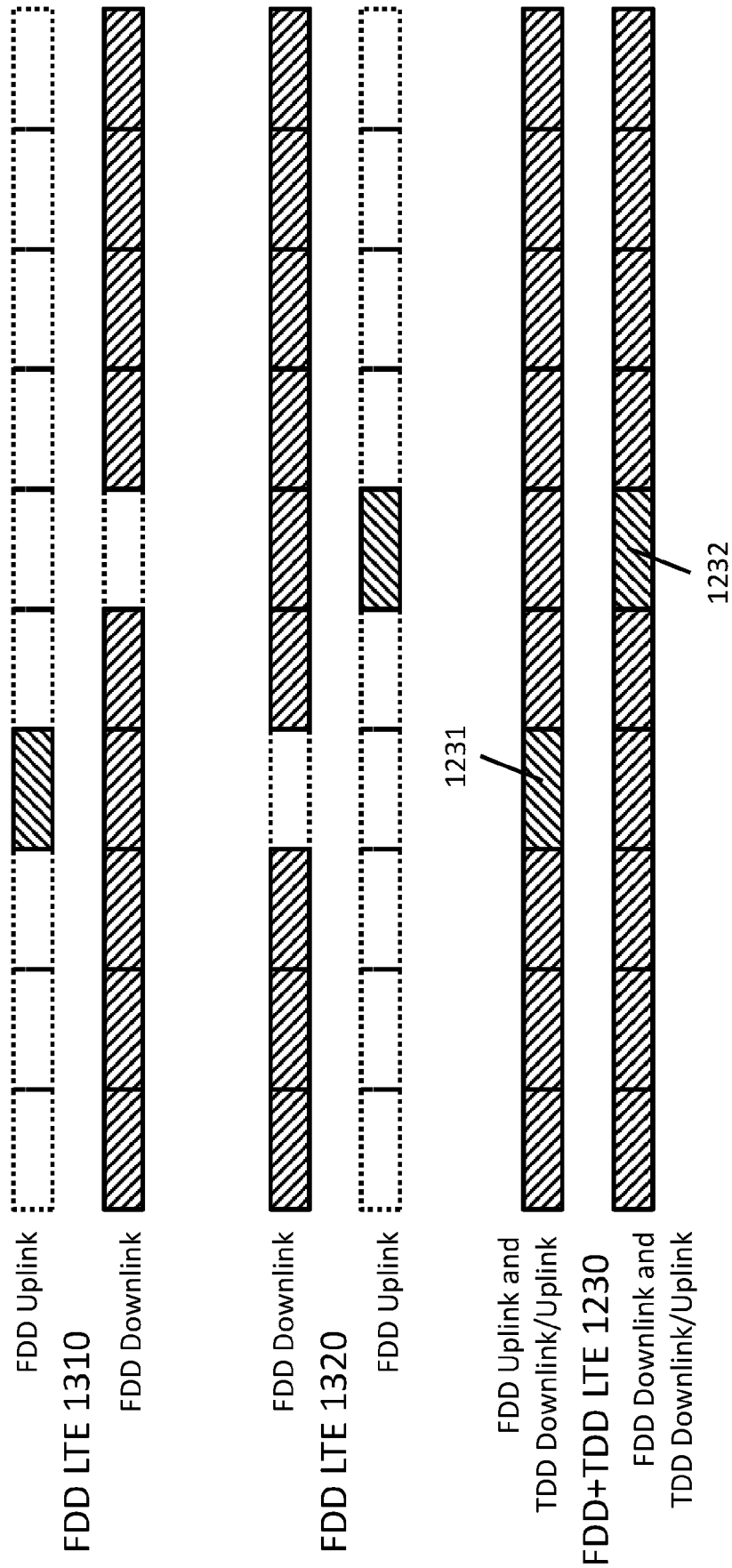


Fig. 13

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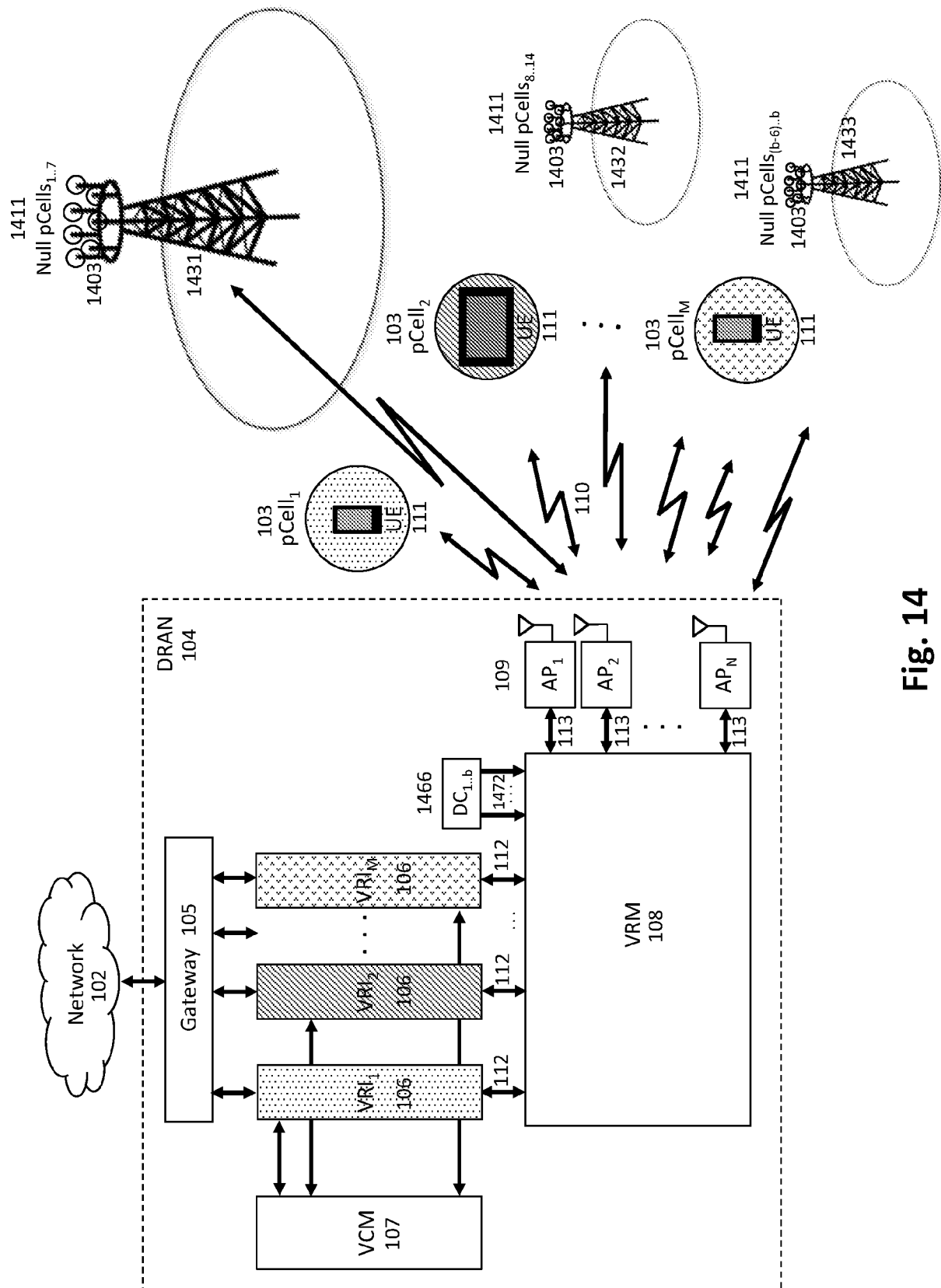


Fig. 14

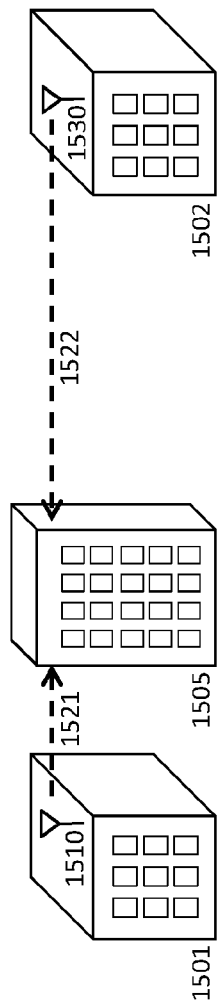


Fig. 15a

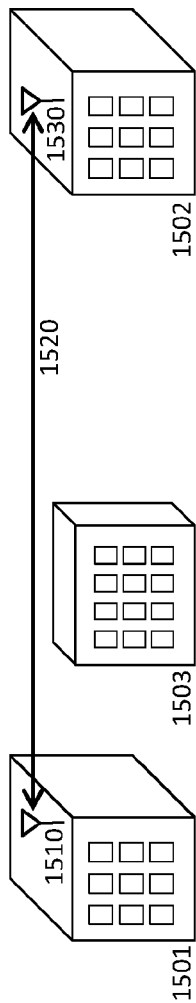


Fig. 15b

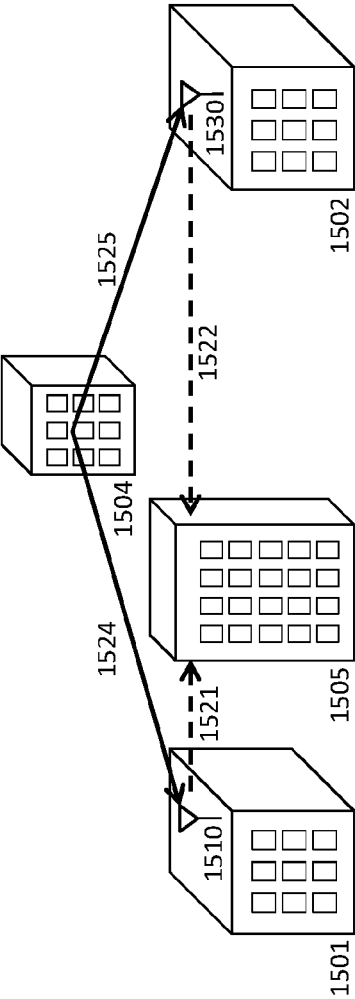


Fig. 15c

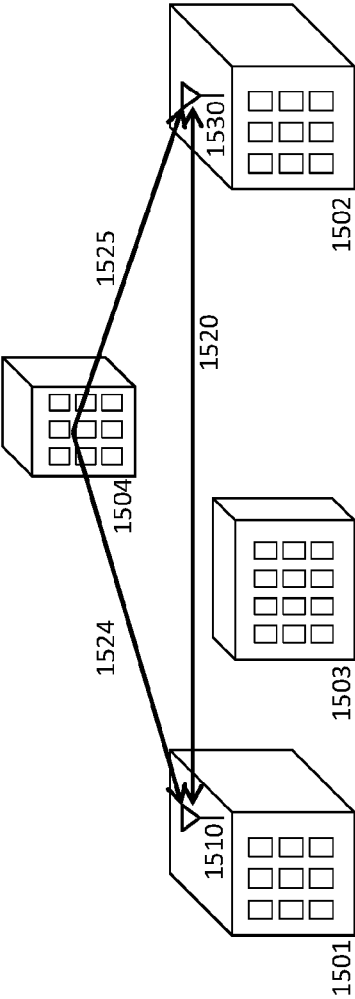


Fig. 15d

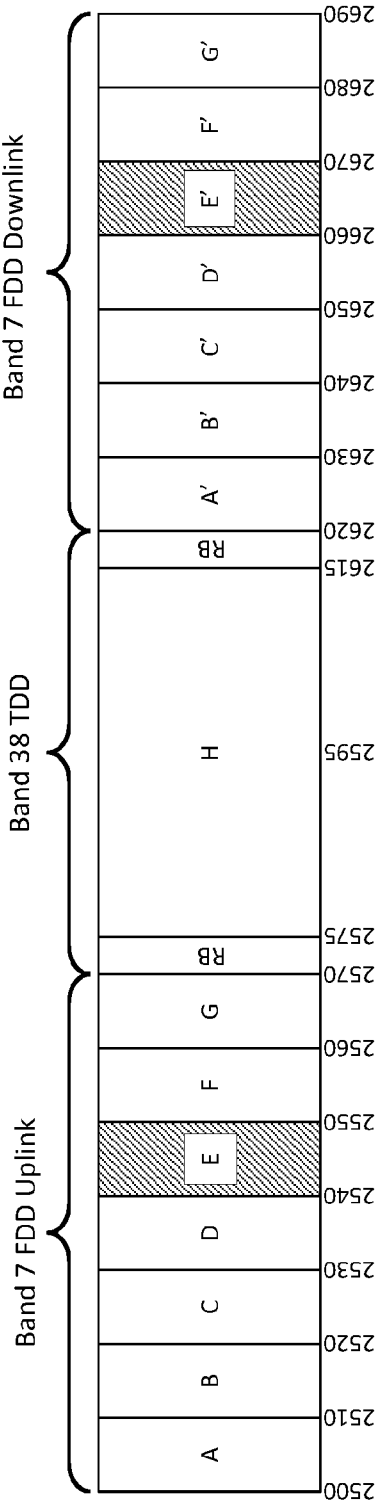


Fig. 16a  
(Prior Art)

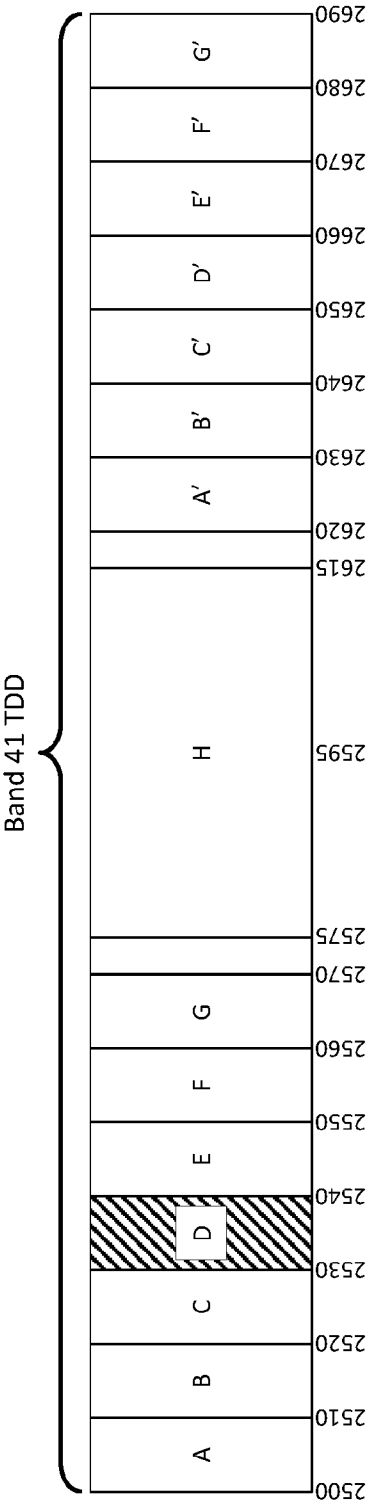


Fig. 16b  
(Prior Art)