

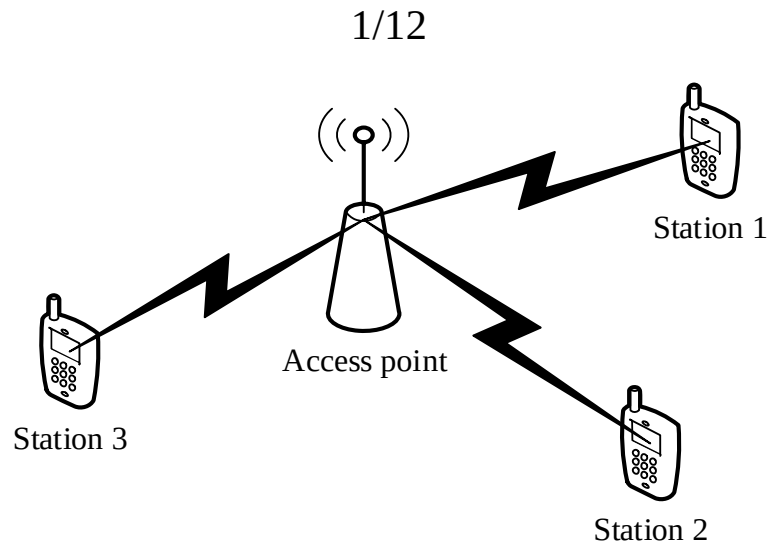


FIG. 1

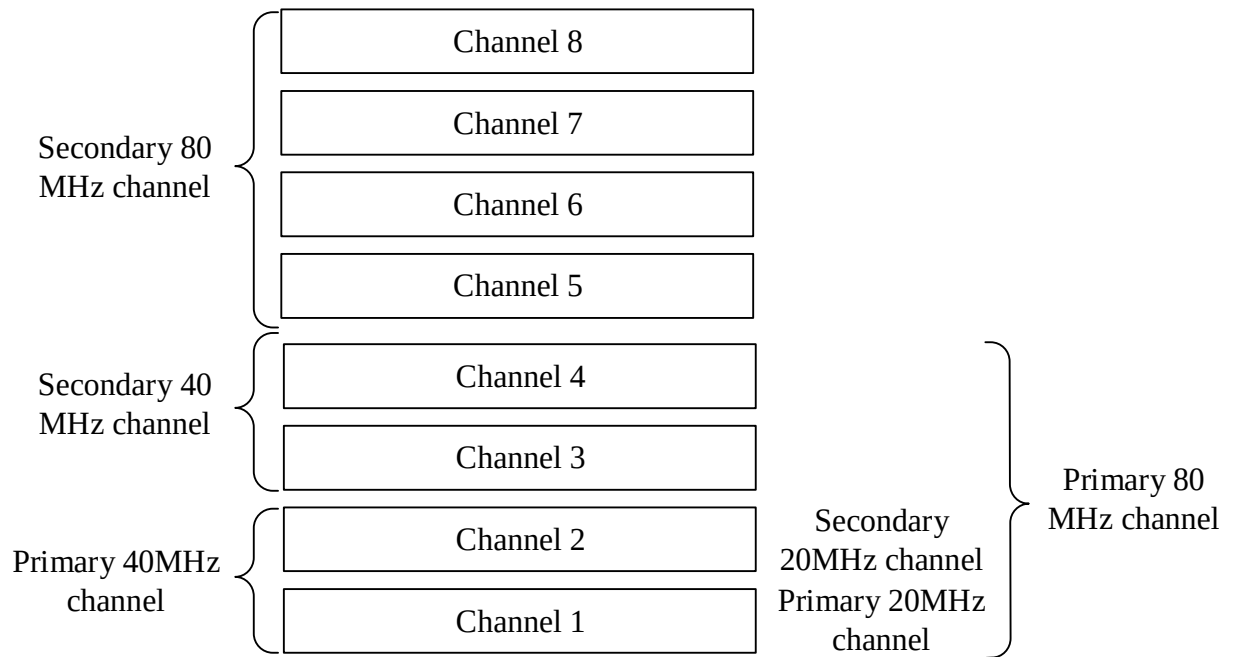


FIG. 2

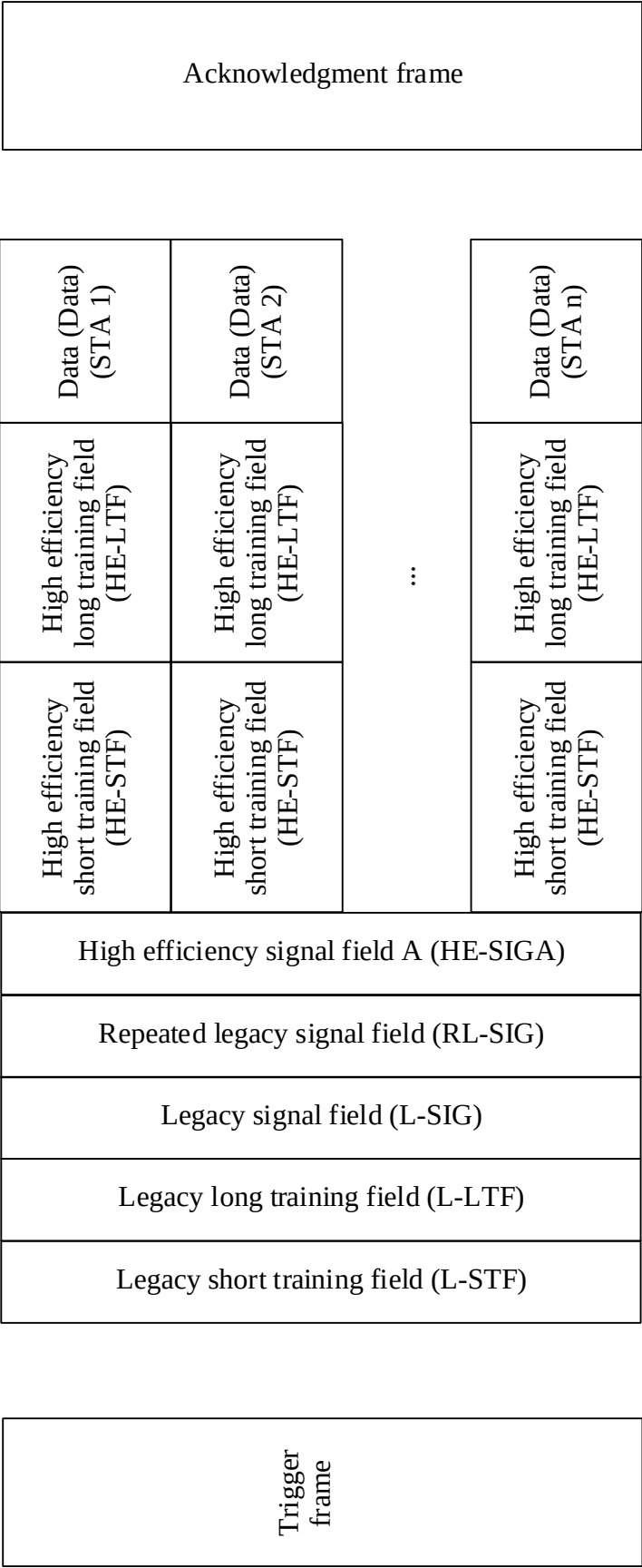


FIG. 3

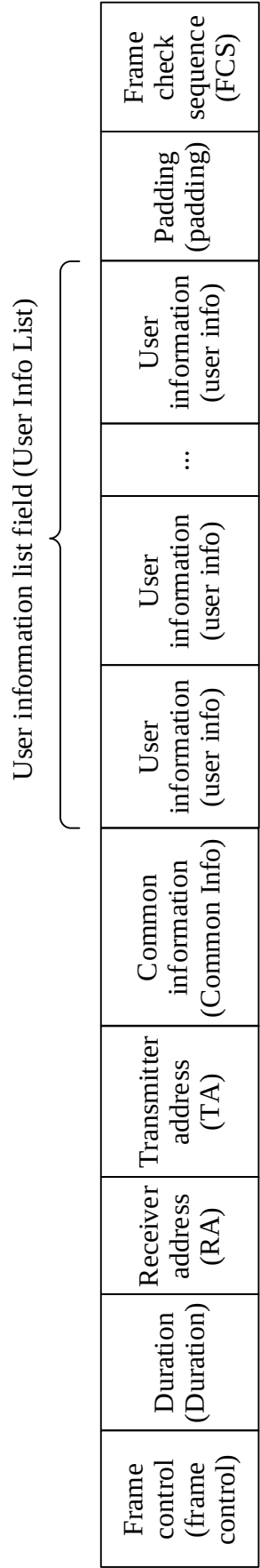


FIG. 4

|                                       |                                  |                                  |                                          |                                        |                                                                                 |                                   |                                                                                                                        |                                                  |
|---------------------------------------|----------------------------------|----------------------------------|------------------------------------------|----------------------------------------|---------------------------------------------------------------------------------|-----------------------------------|------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|
| Trigger Type<br>Trigger<br>frame type | UL<br>Length<br>Uplink<br>length | More TF<br>More trigger<br>frame | CS Required<br>Carrier sense<br>required | UL<br>Bandwidth<br>Uplink<br>bandwidth | GI And HE-<br>LTF Type<br>Guard<br>interval + HE<br>long training<br>field type | MU-MIMO<br>HE-LTF<br>Mode<br>Mode | Number of<br>HE-LTF<br>Symbols And<br>Midamble<br>Periodicity<br>Quantity of<br>HE-LTFs and<br>midamble<br>periodicity | UL STBC<br>Uplink space-<br>time block<br>coding |
|---------------------------------------|----------------------------------|----------------------------------|------------------------------------------|----------------------------------------|---------------------------------------------------------------------------------|-----------------------------------|------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|

FIG. 5

| B0-B11                             | B12-B19                                            | B20                                                                                 | B21-B24                                             | B25                                            | B26-B31                                                                                                             | B32-B38                                                                           | B39                  | Variable                                                                      |
|------------------------------------|----------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------------|-------------------------------------------------------------------------------|
| AID12<br>Association<br>identifier | RU<br>Allocation<br>Resource<br>unit<br>allocation | UL FEC<br>Coding<br>Type<br>Uplink<br>forward<br>error<br>correction<br>coding type | UL HE-<br>MCS<br>Modulation<br>and coding<br>scheme | UL DCM<br>Uplink<br>dual-carrier<br>modulation | SS<br>Allocation/<br>RA-RU<br>Information<br>Spatial<br>stream<br>allocation/<br>Random<br>access RU<br>information | UL Target<br>RSSI<br>Uplink target<br>received<br>signal<br>strength<br>indicator | Reserved<br>Reserved | Trigger<br>dependent user<br>information<br>Trigger<br>Dependent<br>User Info |

FIG. 6

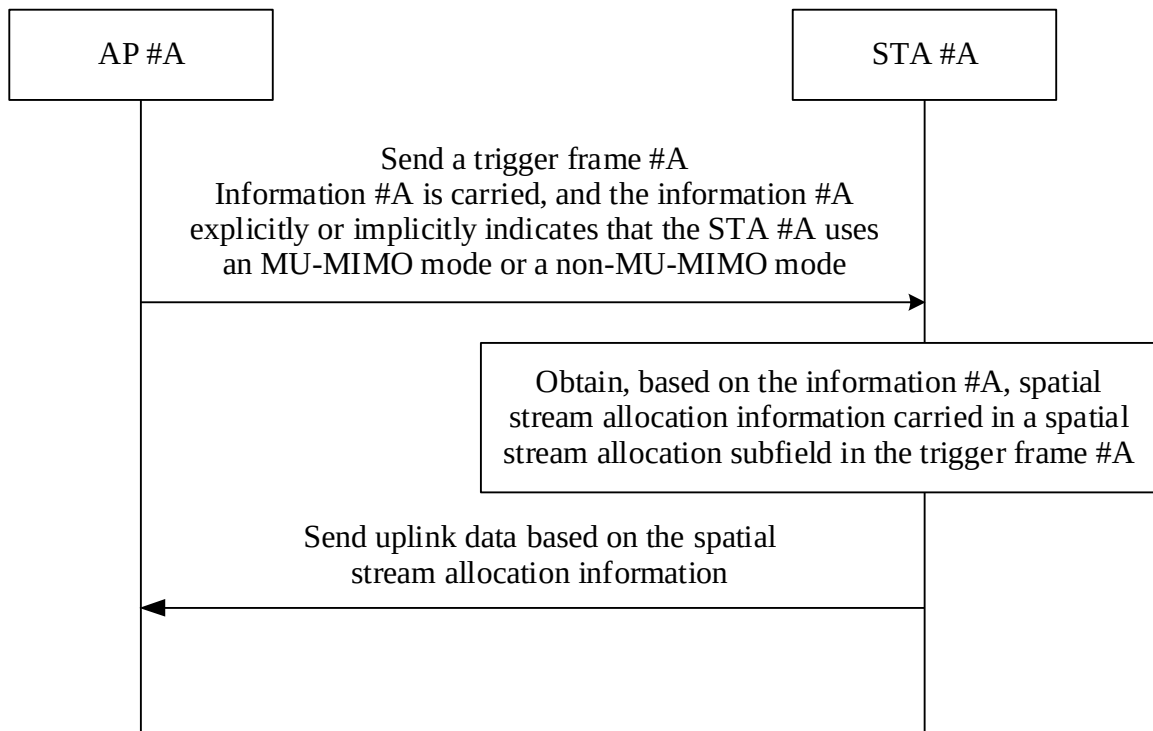


FIG. 7

| B0–B11                             | B12–B19                                            | B20                                                                                    | B21–B24                                             | B25                                                | B26–B29                                                                                                             | B30–B31              | B32–B38                                                                              | B39                  | Variable                                                                         |
|------------------------------------|----------------------------------------------------|----------------------------------------------------------------------------------------|-----------------------------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|----------------------|--------------------------------------------------------------------------------------|----------------------|----------------------------------------------------------------------------------|
| AID12<br>Association<br>identifier | RU<br>Allocation<br>Resource<br>unit<br>allocation | UL FEC<br>Coding<br>Type<br>Uplink<br>forward<br>error<br>correction<br>coding<br>type | UL HE-<br>MCS<br>Modulation<br>and coding<br>scheme | UL DCM<br>Uplink<br>dual-<br>carrier<br>modulation | SS<br>Allocation/<br>RA-RU<br>Information<br>Spatial<br>stream<br>allocation/<br>Random<br>access RU<br>information | Reserved<br>Reserved | UL Target<br>RSSI<br>Uplink<br>target<br>received<br>signal<br>strength<br>indicator | Reserved<br>Reserved | Trigger<br>dependent<br>user<br>information<br>Trigger<br>Dependent<br>User Info |

FIG. 8

| B0–B11                             | B12–B19                                            | B20                                                                                 | B21–B24                                             | B25                                          | B26–B31                                                                                            | B32–B38                                                                              | B39                  | Variable                                                                         |
|------------------------------------|----------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------|----------------------------------------------|----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------|----------------------------------------------------------------------------------|
| AID12<br>Association<br>identifier | RU<br>Allocation<br>Resource<br>unit<br>allocation | UL FEC<br>Coding<br>Type<br>Uplink<br>forward<br>error<br>correction<br>coding type | UL HE-<br>MCS<br>Modulation<br>and coding<br>scheme | MU-<br>MIMO/<br>non-MU-<br>MIMO<br>indicator | SS Allocation/RA-RU<br>Information<br>Spatial stream<br>allocation/Random<br>access RU information | UL Target<br>RSSI<br>Uplink<br>target<br>received<br>signal<br>strength<br>indicator | Reserved<br>Reserved | Trigger<br>dependent<br>user<br>information<br>Trigger<br>Dependent<br>User Info |

FIG. 9

| B0-B11                             | B12-B19                                            | B20                                          | B21-B24                                             | B25                                            | B26-B31                                                                                            | B32-B38                                                                              | B39                  | Variable                                                                         |
|------------------------------------|----------------------------------------------------|----------------------------------------------|-----------------------------------------------------|------------------------------------------------|----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------|----------------------------------------------------------------------------------|
| AID12<br>Association<br>identifier | RU<br>Allocation<br>Resource<br>unit<br>allocation | MU-<br>MIMO/<br>non-MU-<br>MIMO<br>indicator | UL HE-<br>MCS<br>Modulation<br>and coding<br>scheme | UL DCM<br>Uplink<br>dual-carrier<br>modulation | SS Allocation/RA-RU<br>Information<br>Spatial stream<br>allocation/Random<br>access RU information | UL Target<br>RSSI<br>Uplink<br>target<br>received<br>signal<br>strength<br>indicator | Reserved<br>Reserved | Trigger<br>dependent<br>user<br>information<br>Trigger<br>Dependent<br>User Info |

FIG. 10

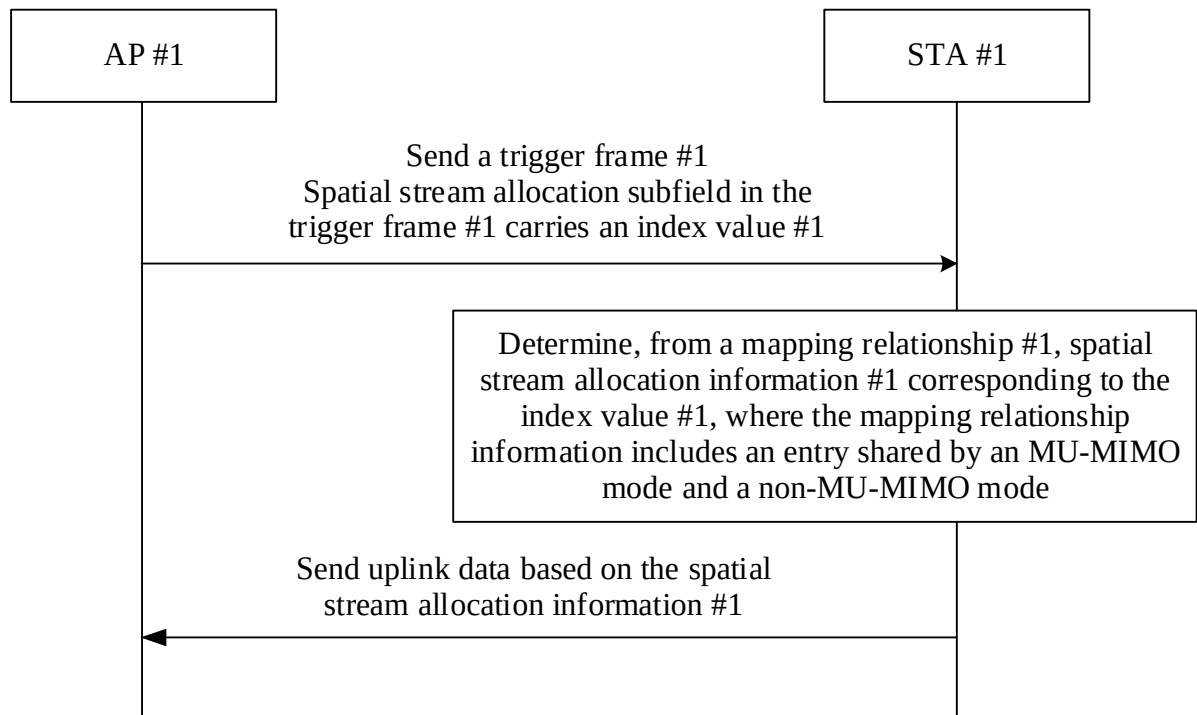


FIG. 11

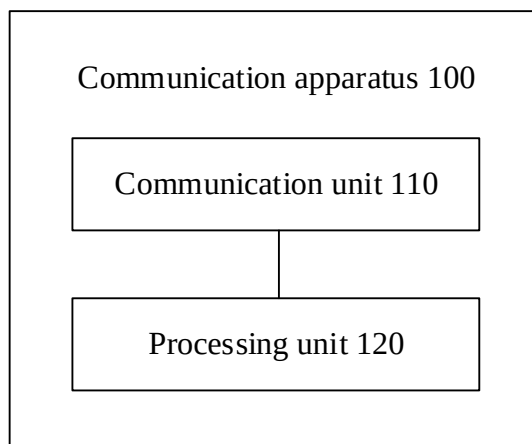


FIG. 12

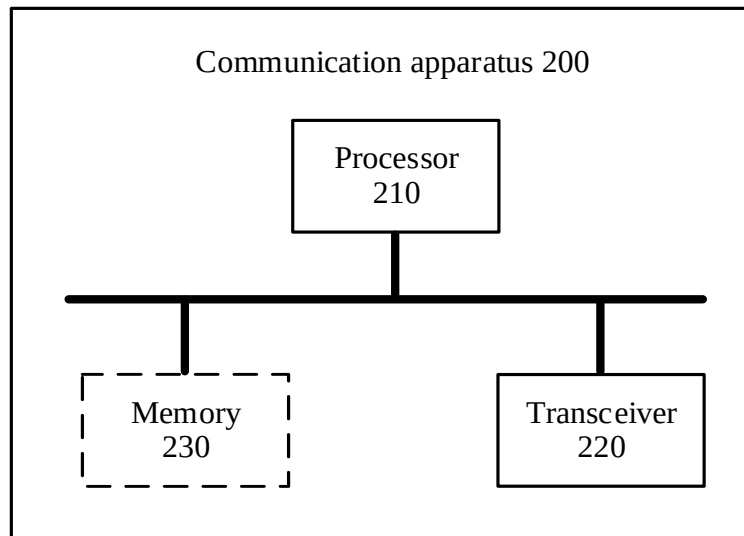


FIG. 13

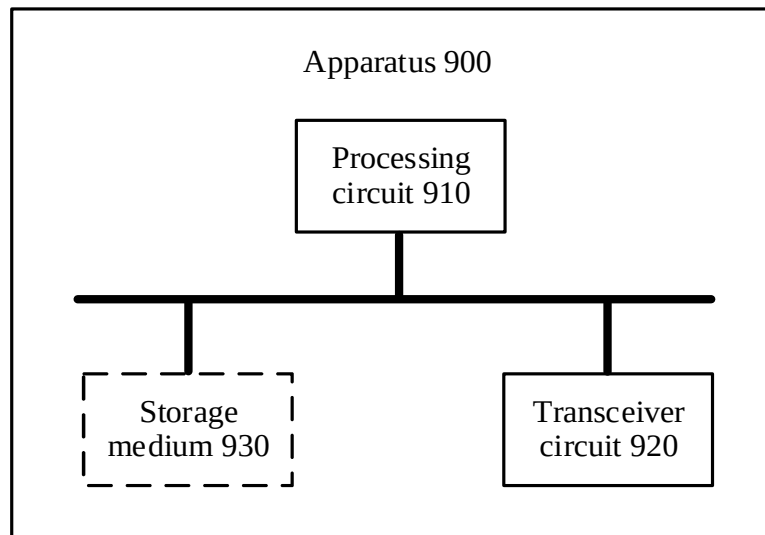


FIG. 14

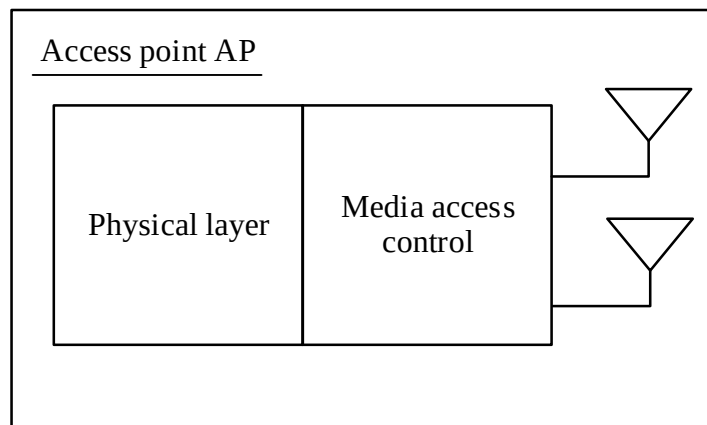


FIG. 15

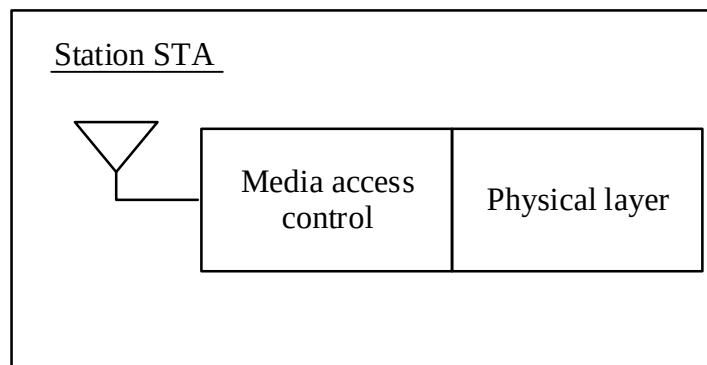


FIG. 16