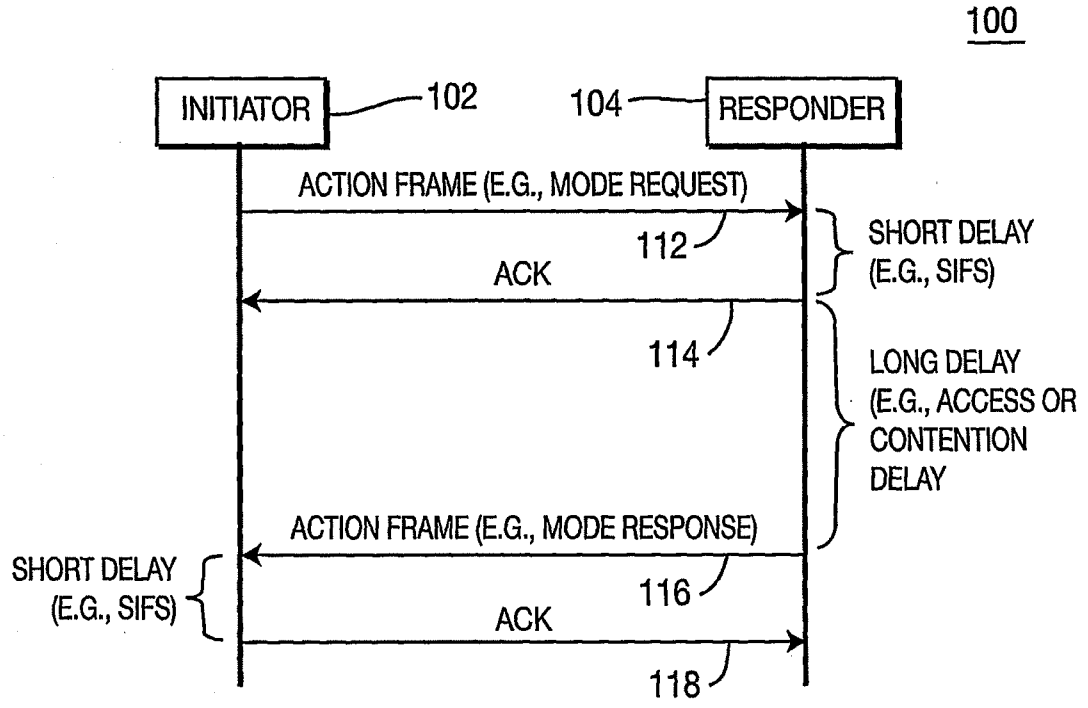


FIG. 1
PRIOR ART

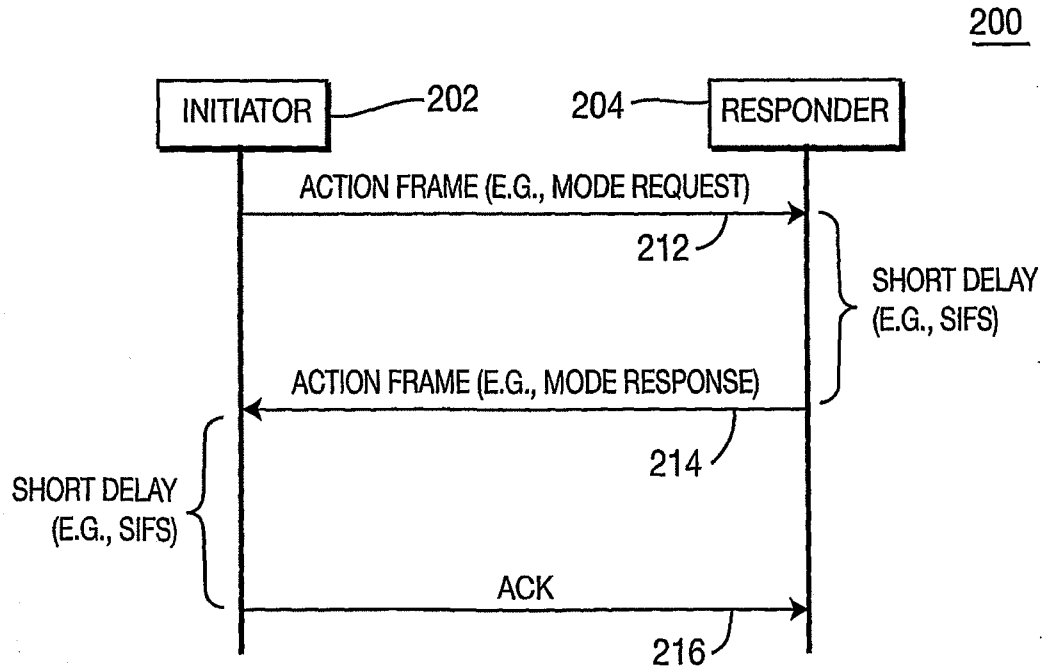


FIG. 2

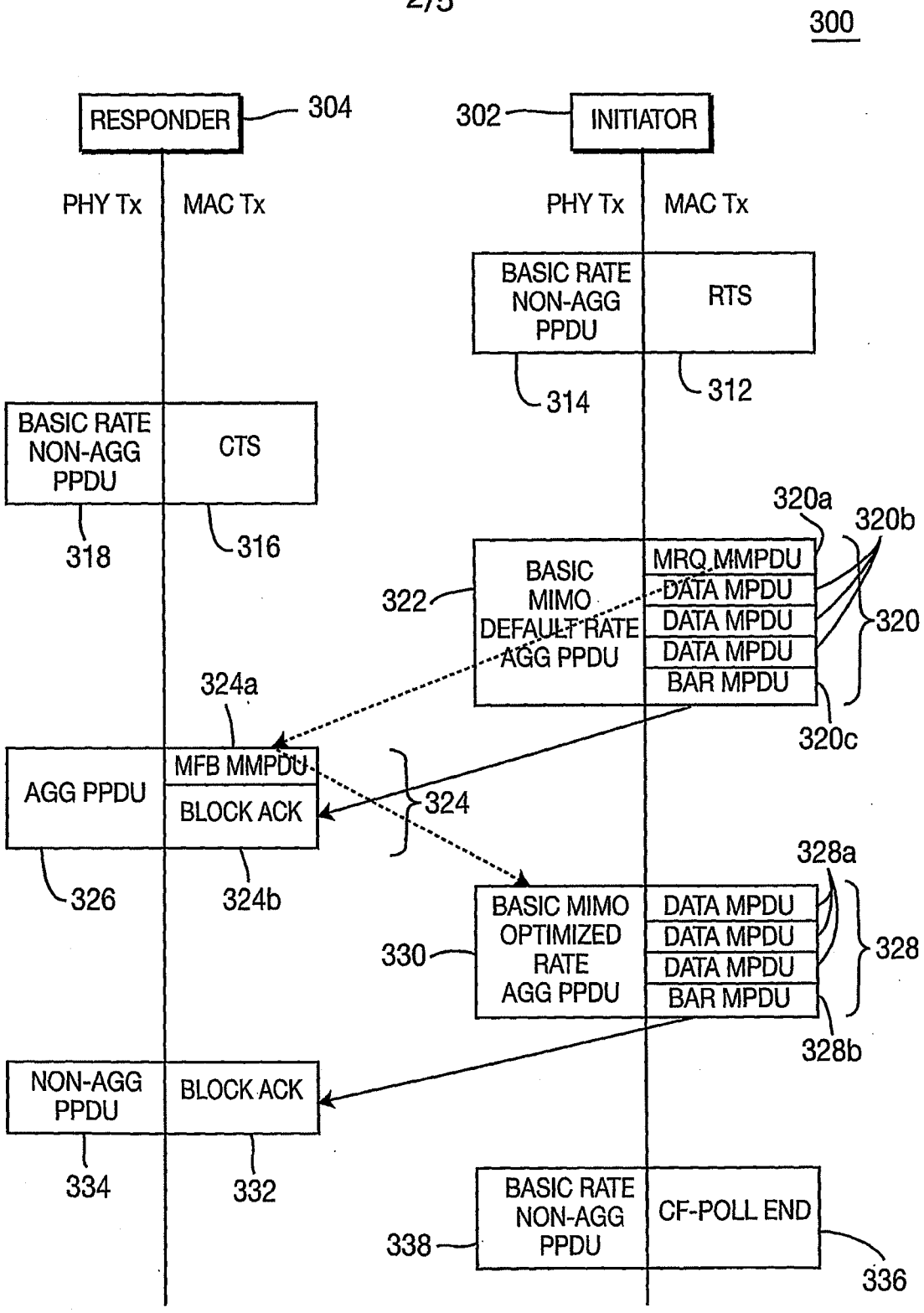

300
RESPONDER
304
302
INITIATOR
PHY Tx
MAC Tx
PHY Tx
MAC Tx
BASIC RATE NON-AGG PPDU
RTS
314
312
BASIC RATE NON-AGG PPDU
CTS
318
316
320a
320b
322
BASIC MIMO DEFAULT RATE AGG PPDU
MRQ MMPDU
DATA MPDU
DATA MPDU
DATA MPDU
BAR MPDU
320
320c
324a
AGG PPDU
MFB MMPDU
BLOCK ACK
324
326
324b
328a
330
BASIC MIMO OPTIMIZED RATE AGG PPDU
DATA MPDU
DATA MPDU
DATA MPDU
BAR MPDU
328
328b
NON-AGG PPDU
BLOCK ACK
334
332
338
BASIC RATE NON-AGG PPDU
CF-POLL END
336

FIG. 3

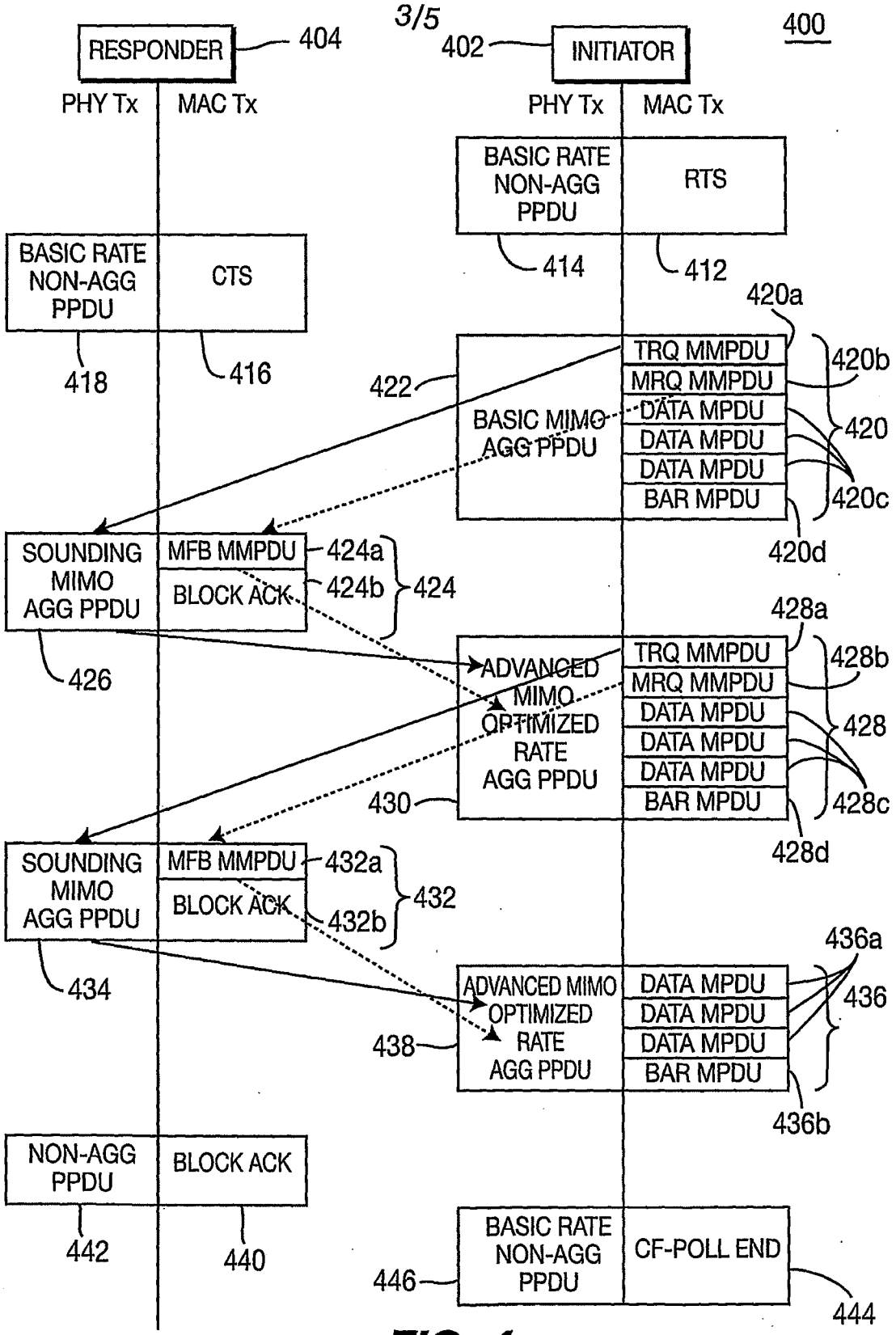

RESPONDER
404
INITIATOR
402
400
PHY Tx
MAC Tx
PHY Tx
MAC Tx
BASIC RATE NON-AGG PPDU
RTS
414
412
BASIC RATE NON-AGG PPDU
CTS
418
416
420a
TRQ MMPDU
MRQ MMPDU
DATA MPDU
DATA MPDU
DATA MPDU
BAR MPDU
420b
420
420c
420d
422
BASIC MIMO AGG PPDU
SOUNDING MIMO AGG PPDU
MFB MMPDU
BLOCK ACK
424a
424b
424
426
428a
TRQ MMPDU
MRQ MMPDU
DATA MPDU
DATA MPDU
DATA MPDU
BAR MPDU
428b
428
428c
428d
ADVANCED MIMO OPTIMIZED RATE AGG PPDU
430
SOUNDING MIMO AGG PPDU
MFB MMPDU
BLOCK ACK
432a
432b
432
434
436a
DATA MPDU
DATA MPDU
DATA MPDU
BAR MPDU
436
436b
ADVANCED MIMO OPTIMIZED RATE AGG PPDU
438
NON-AGG PPDU
BLOCK ACK
442
440
BASIC RATE NON-AGG PPDU
CF-POLL END
446
444

FIG. 4

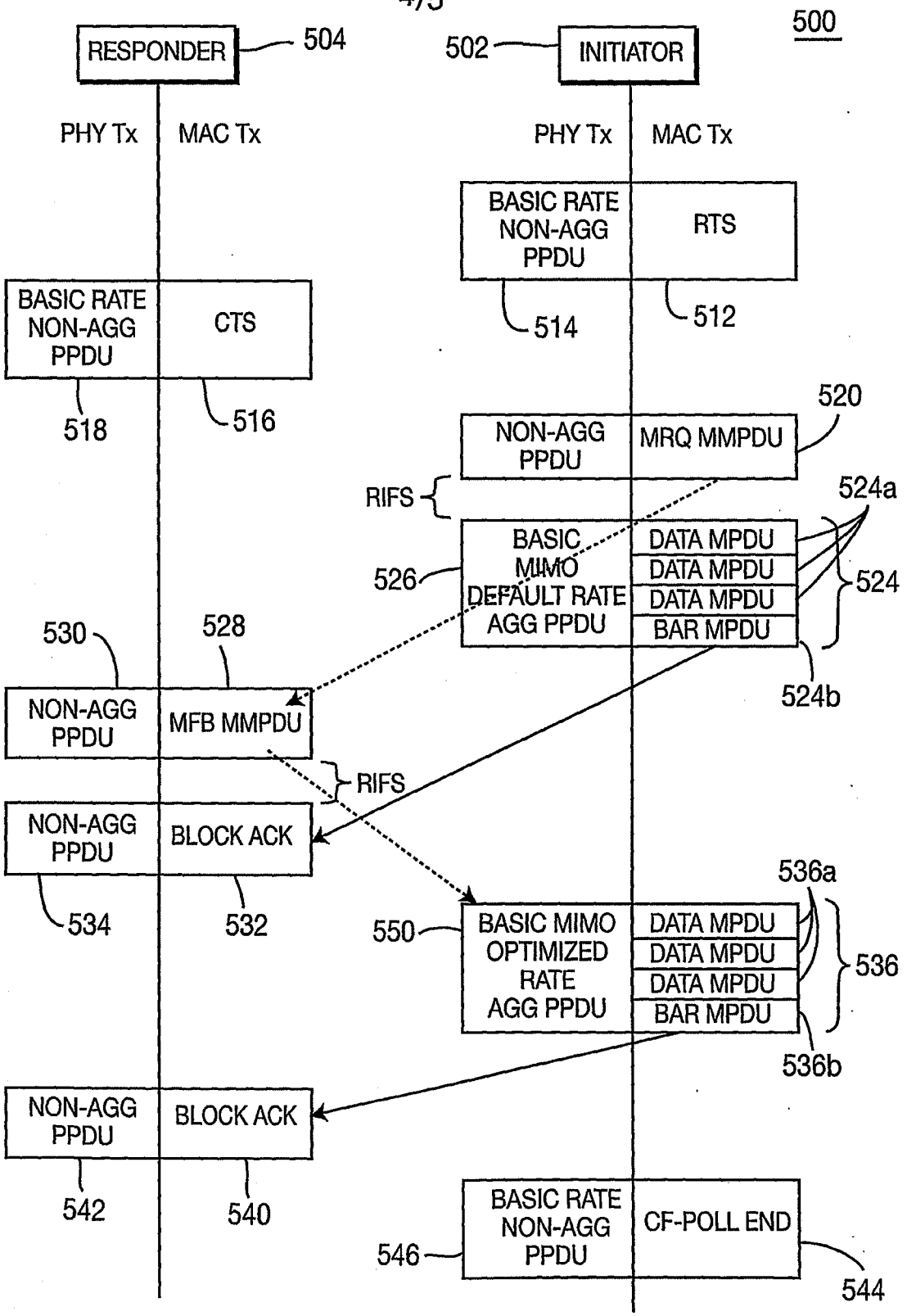

500
RESPONDER
504
502
INITIATOR
PHY Tx
MAC Tx
PHY Tx
MAC Tx
BASIC RATE NON-AGG PPDU
RTS
514
512
BASIC RATE NON-AGG PPDU
CTS
518
516
520
NON-AGG PPDU
MRQ MMPDU
RIFS
524a
BASIC MIMO DEFAULT RATE AGG PPDU
DATA MPDU
DATA MPDU
DATA MPDU
BAR MPDU
526
524
530
528
524b
NON-AGG PPDU
MFB MMPDU
RIFS
NON-AGG PPDU
BLOCK ACK
536a
534
532
550
BASIC MIMO OPTIMIZED RATE AGG PPDU
DATA MPDU
DATA MPDU
DATA MPDU
BAR MPDU
536
536b
NON-AGG PPDU
BLOCK ACK
542
540
BASIC RATE NON-AGG PPDU
CF-POLL END
546
544

FIG. 5

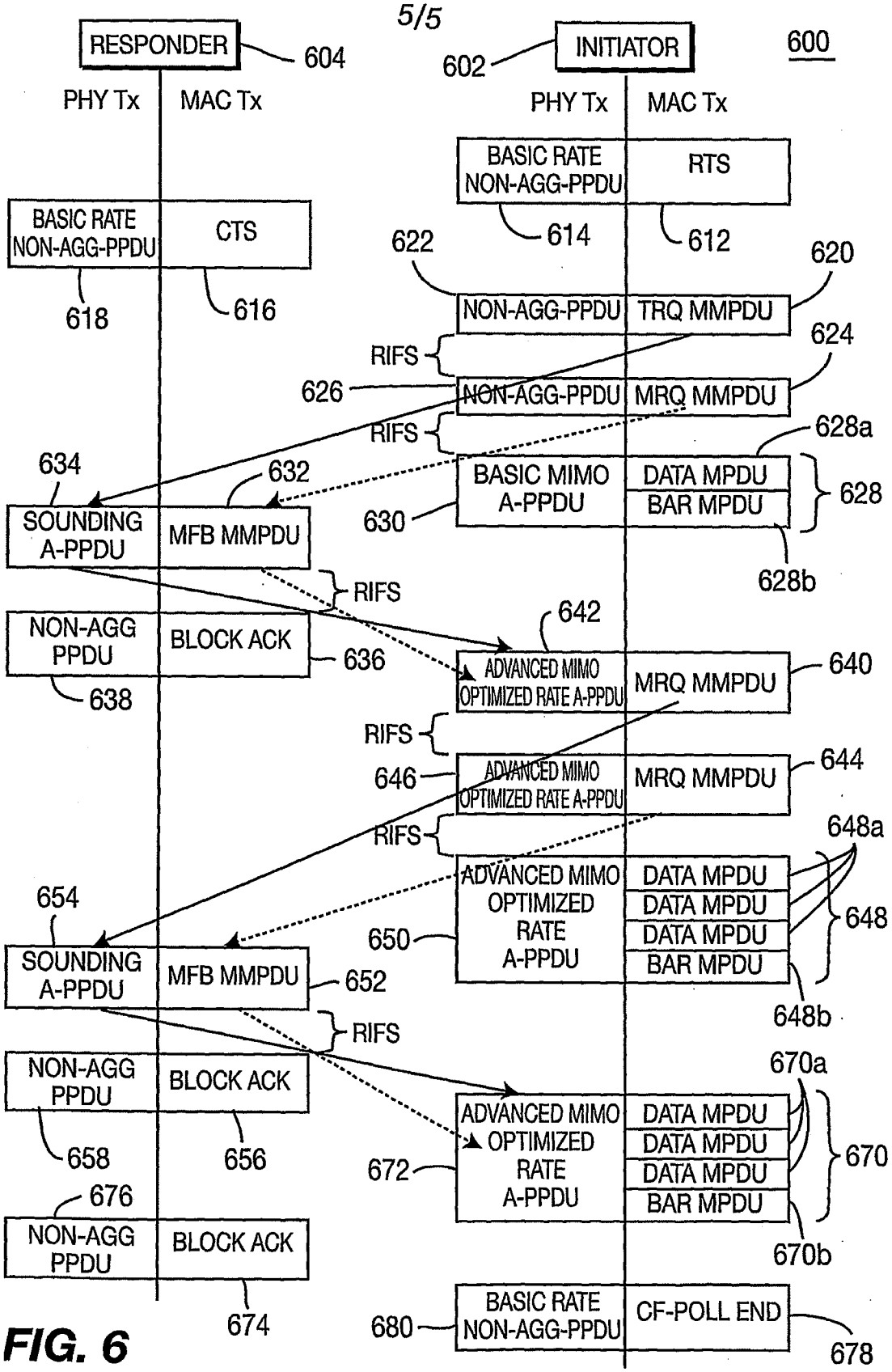

RESPONDER
604
INITIATOR
602
600
PHY Tx
MAC Tx
PHY Tx
MAC Tx
BASIC RATE NON-AGG-PPDU
RTS
614
612
BASIC RATE NON-AGG-PPDU
CTS
618
616
622
620
NON-AGG-PPDU
TRQ MMPDU
RIFS
624
626
NON-AGG-PPDU
MRQ MMPDU
RIFS
628a
634
632
BASIC MIMO A-PPDU
DATA MPDU
BAR MPDU
628
630
SOUNDING A-PPDU
MFB MMPDU
628b
RIFS
642
NON-AGG PPDU
BLOCK ACK
636
ADVANCED MIMO OPTIMIZED RATE A-PPDU
MRQ MMPDU
640
638
RIFS
646
ADVANCED MIMO OPTIMIZED RATE A-PPDU
MRQ MMPDU
644
RIFS
648a
ADVANCED MIMO OPTIMIZED RATE A-PPDU
DATA MPDU
DATA MPDU
DATA MPDU
BAR MPDU
654
650
648
SOUNDING A-PPDU
MFB MMPDU
652
648b
RIFS
670a
NON-AGG PPDU
BLOCK ACK
ADVANCED MIMO OPTIMIZED RATE A-PPDU
DATA MPDU
DATA MPDU
DATA MPDU
BAR MPDU
658
656
672
670
676
670b
NON-AGG PPDU
BLOCK ACK
674
680
BASIC RATE NON-AGG-PPDU
CF-POLL END
678

FIG. 6