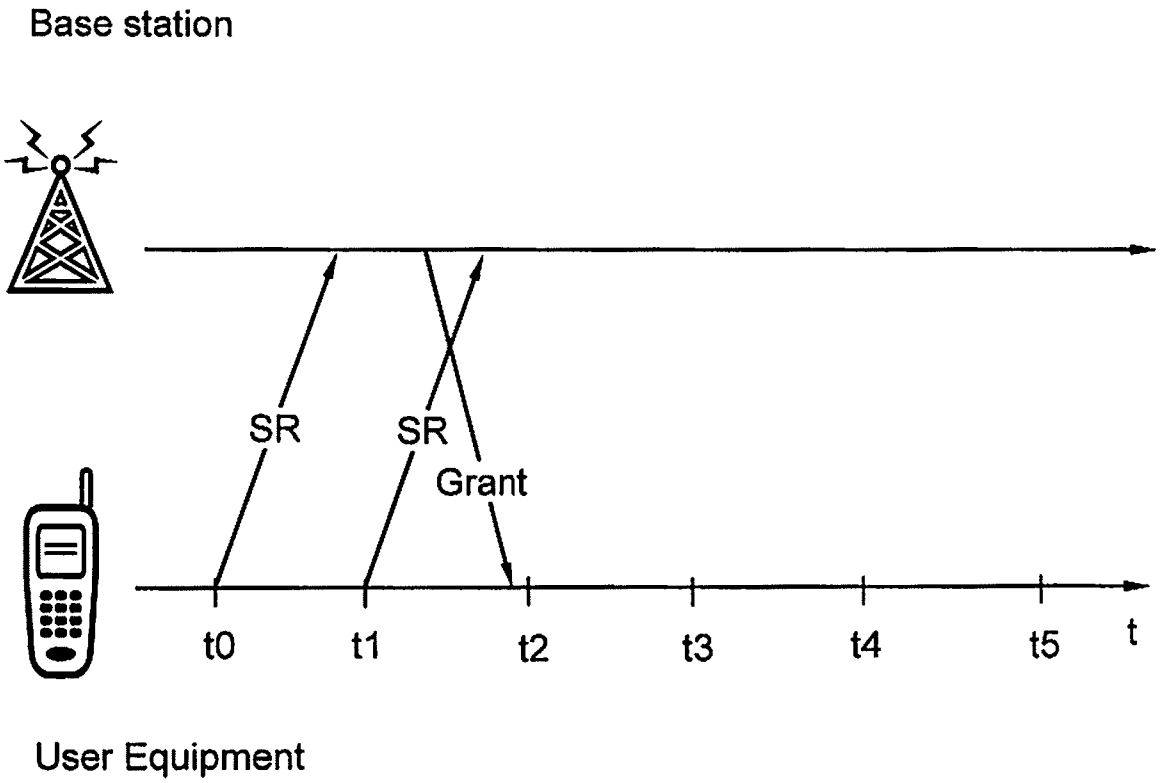



Fig. 1

PRIOR ART

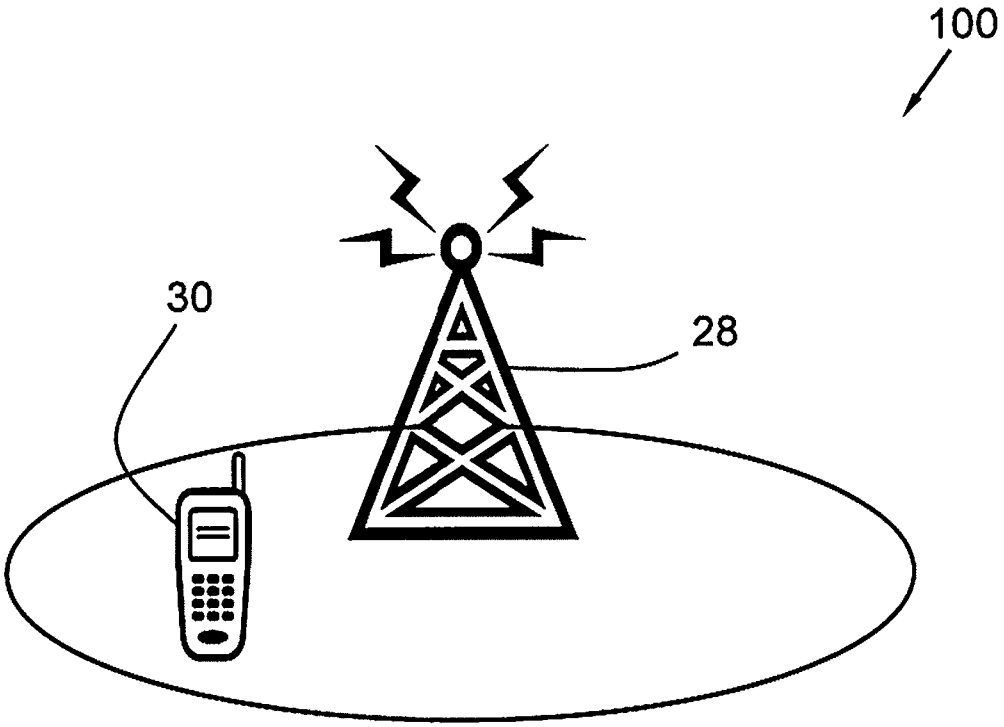



Fig. 2

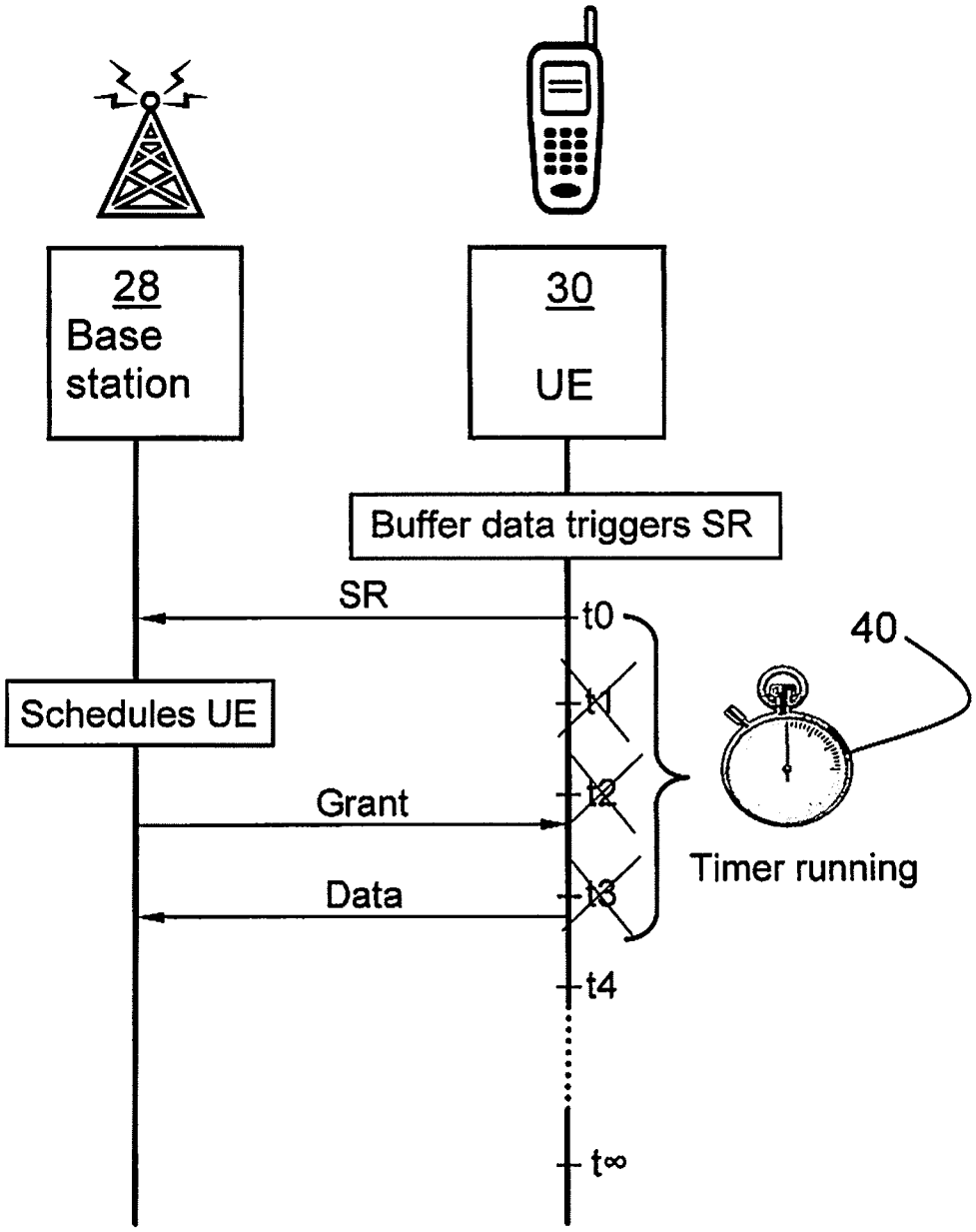

28
Base station
30
UE
Buffer data triggers SR
SR
t0
40
Schedules UE
t1
t2
Grant
Timer running
Data
t3
t4
t∞

Fig. 3

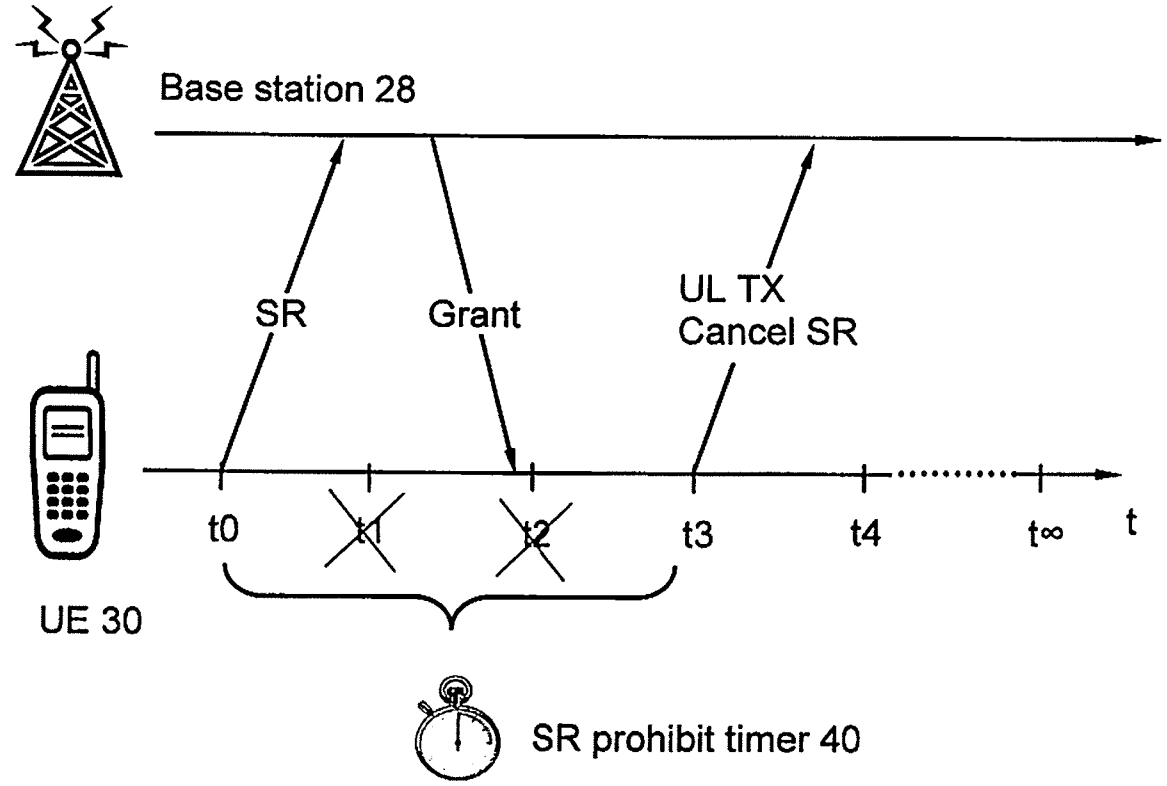

Base station 28
SR
Grant
UL TX
Cancel SR
t0
t1
t2
t3
t4
t∞
t
UE 30
SR prohibit timer 40

Fig. 4A

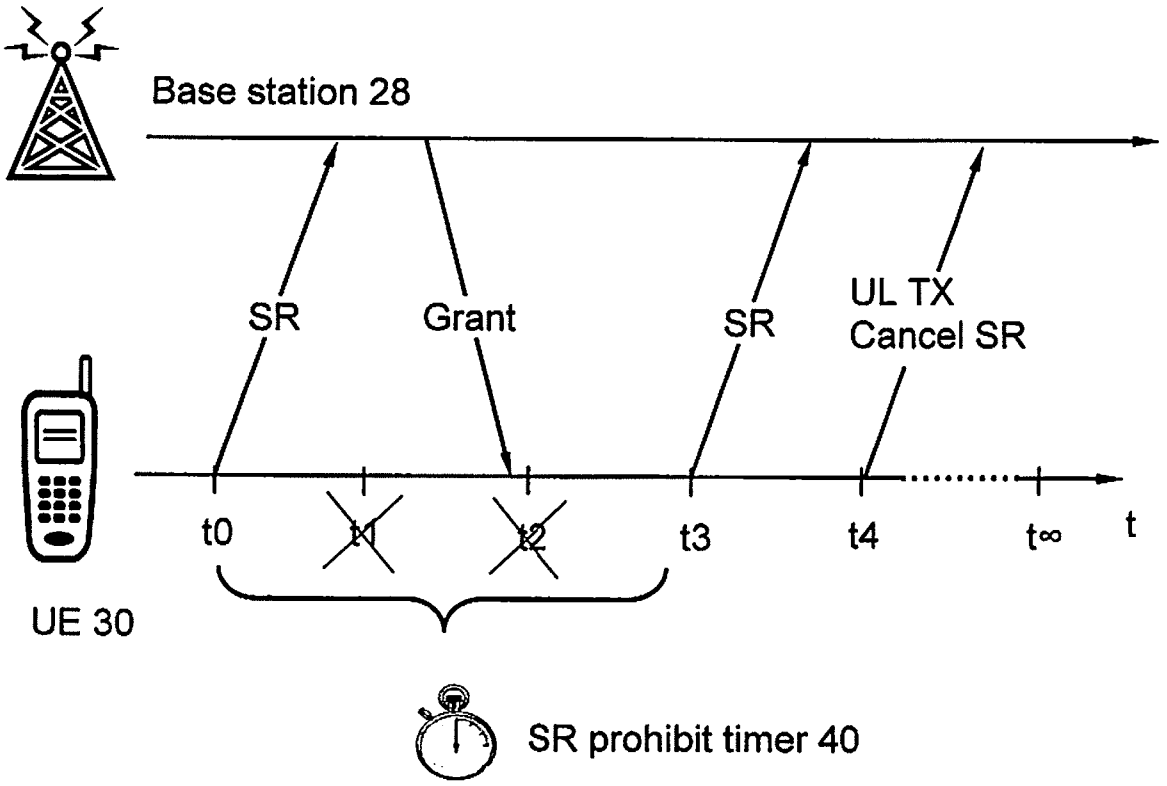

Base station 28
SR
Grant
SR
UL TX
Cancel SR
t0
t1
t2
t3
t4
t∞
t
UE 30
SR prohibit timer 40

Fig. 4B

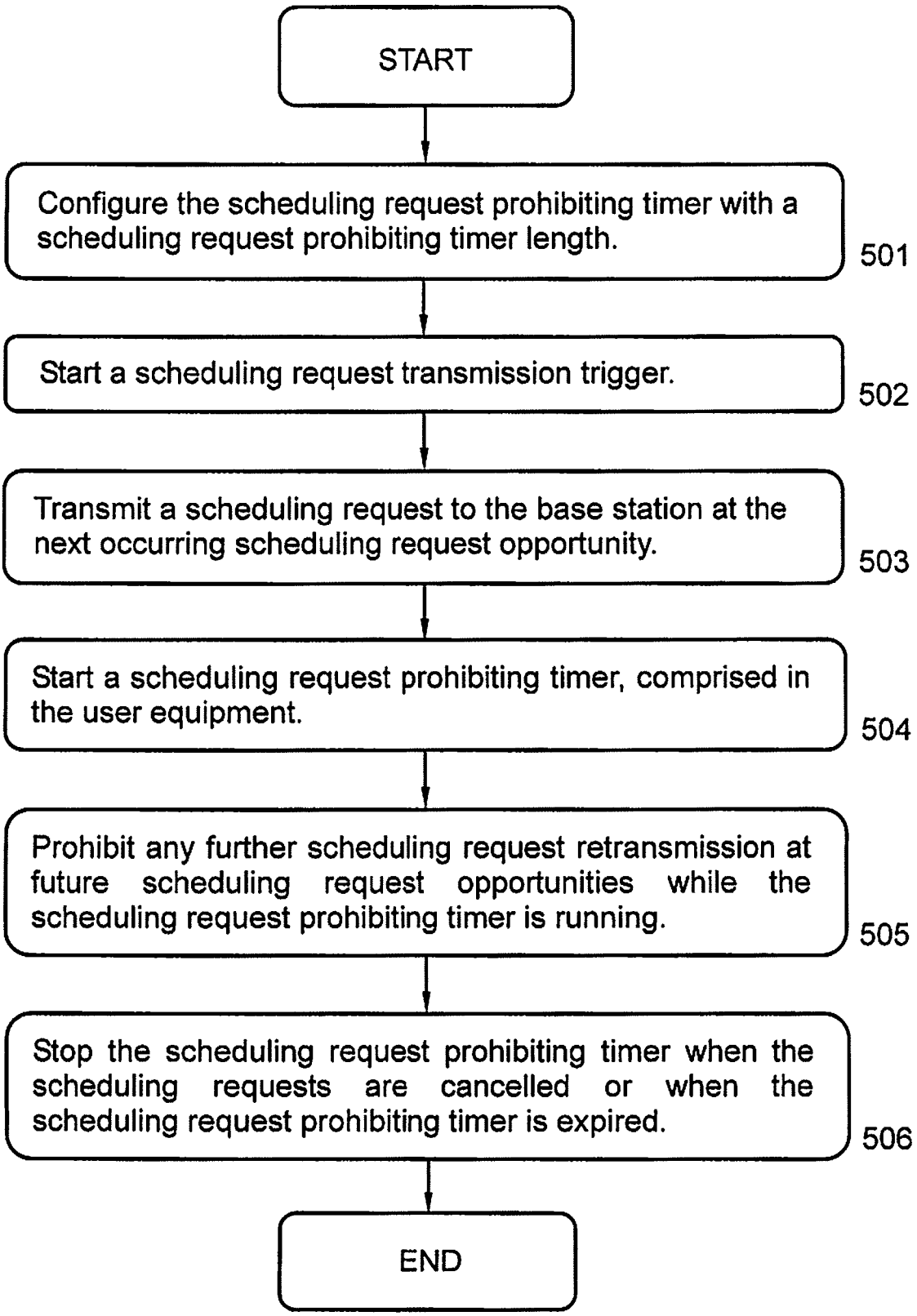

START
Configure the scheduling request prohibiting timer with a scheduling request prohibiting timer length.
501
Start a scheduling request transmission trigger.
502
Transmit a scheduling request to the base station at the next occurring scheduling request opportunity.
503
Start a scheduling request prohibiting timer, comprised in the user equipment.
504
Prohibit any further scheduling request retransmission at future scheduling request opportunities while the scheduling request prohibiting timer is running.
505
Stop the scheduling request prohibiting timer when the scheduling requests are cancelled or when the scheduling request prohibiting timer is expired.
506
END

Fig. 5

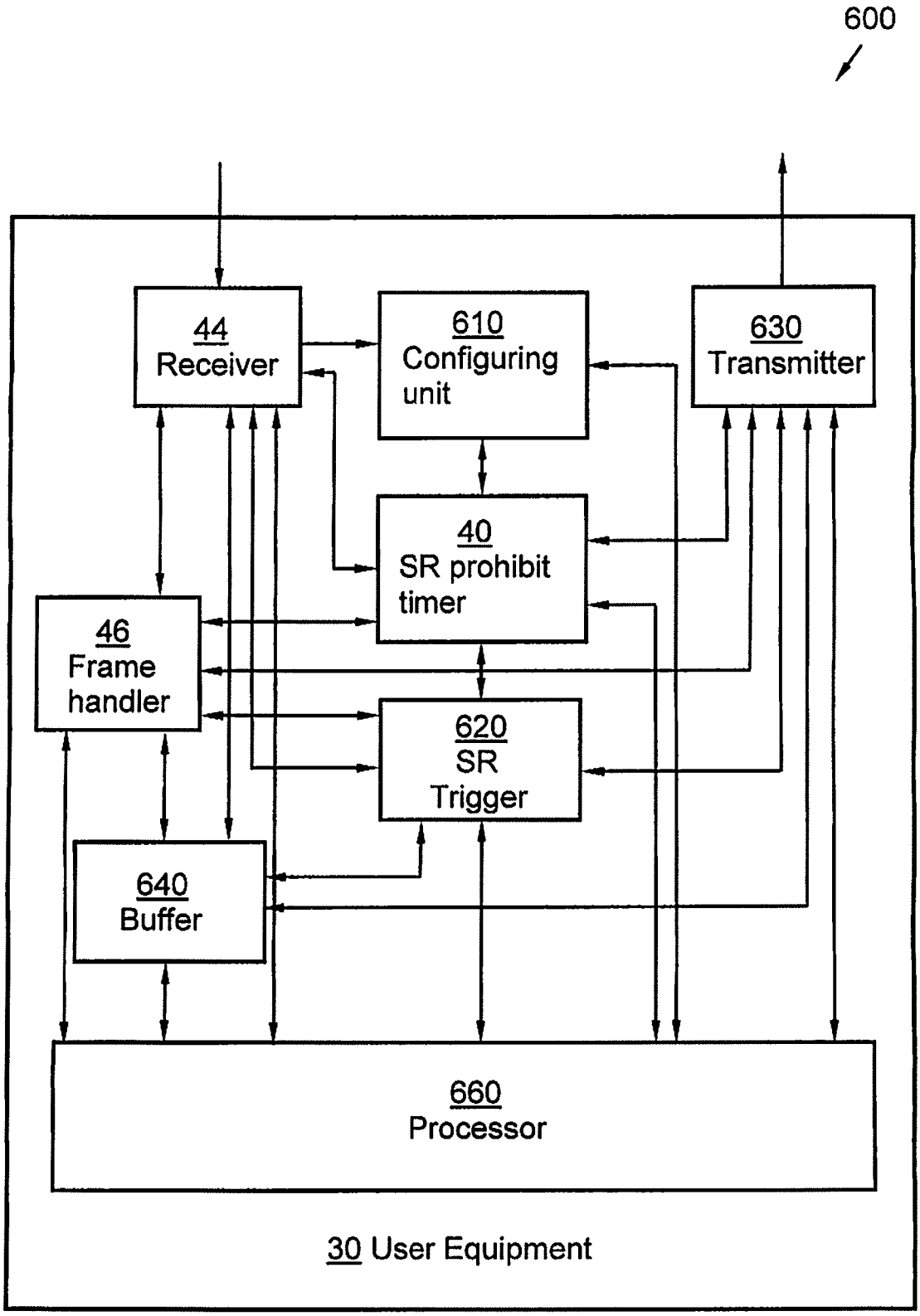

600
44
Receiver
610
Configuring unit
630
Transmitter
40
SR prohibit timer
46
Frame handler
620
SR Trigger
640
Buffer
660
Processor
30 User Equipment

Fig. 6

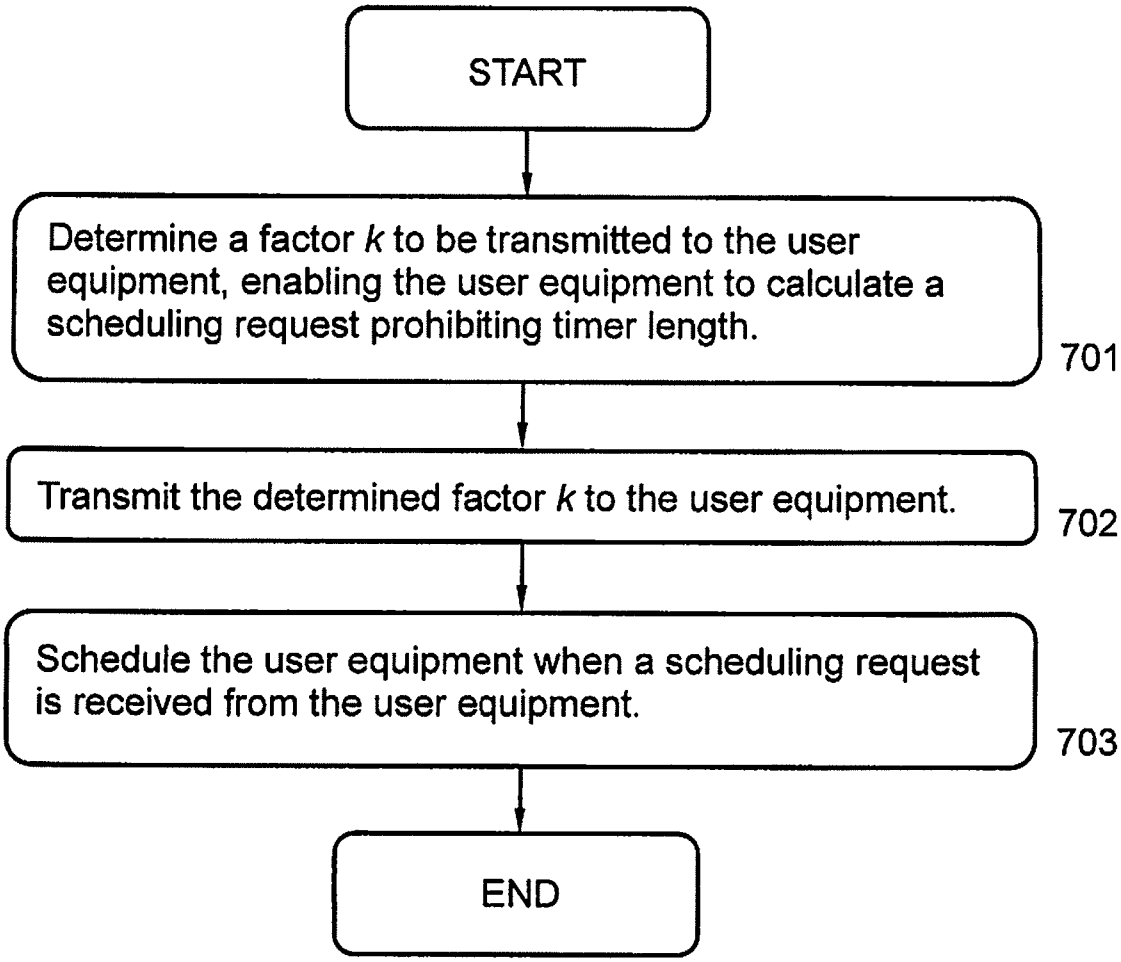

START
Determine a factor k to be transmitted to the user equipment, enabling the user equipment to calculate a scheduling request prohibiting timer length.
701
Transmit the determined factor k to the user equipment.
702
Schedule the user equipment when a scheduling request is received from the user equipment.
703
END

Fig. 7

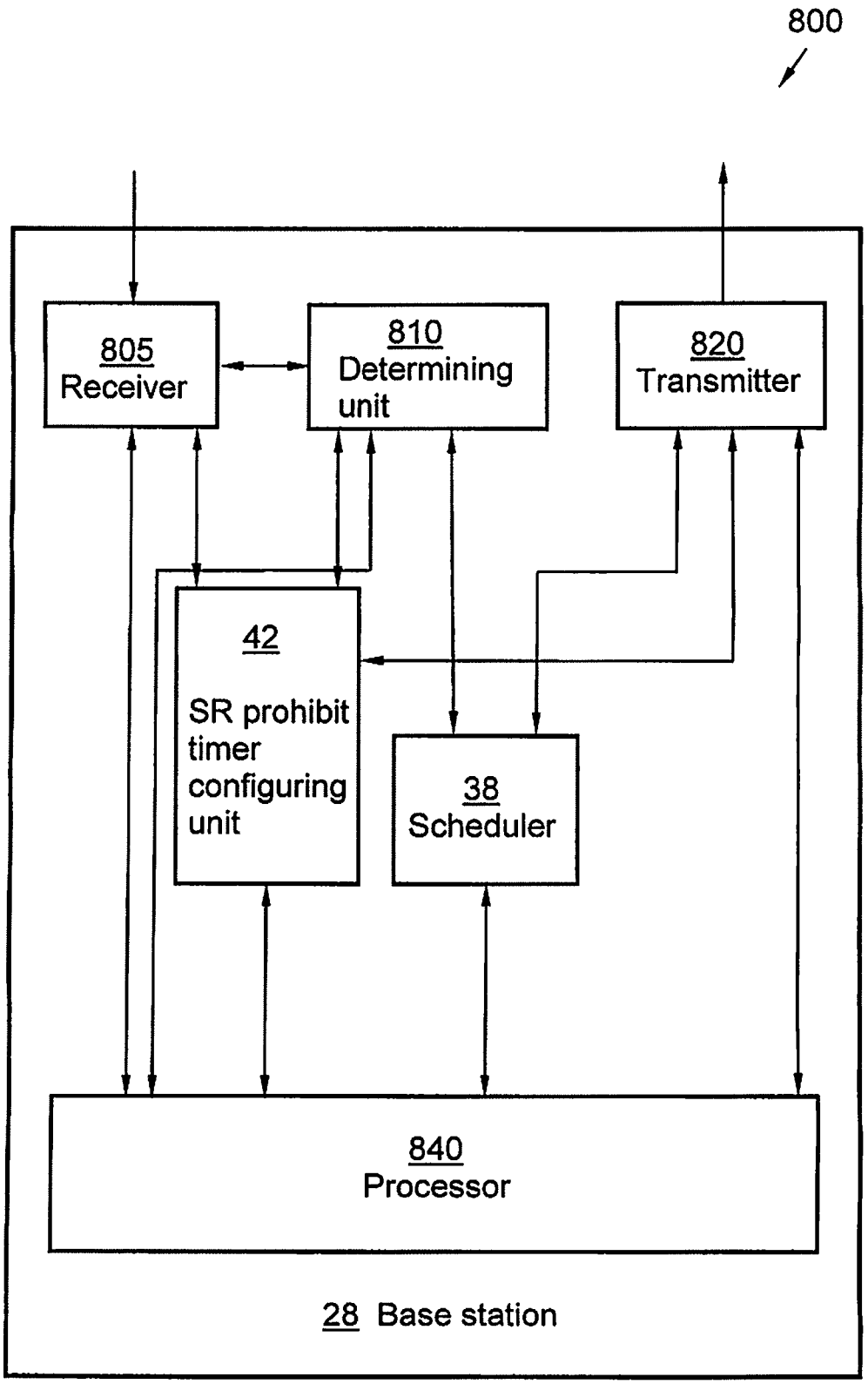

800
805
Receiver
810
Determining unit
820
Transmitter
42
SR prohibit timer configuring unit
38
Scheduler
840
Processor
28 Base station

Fig. 8