

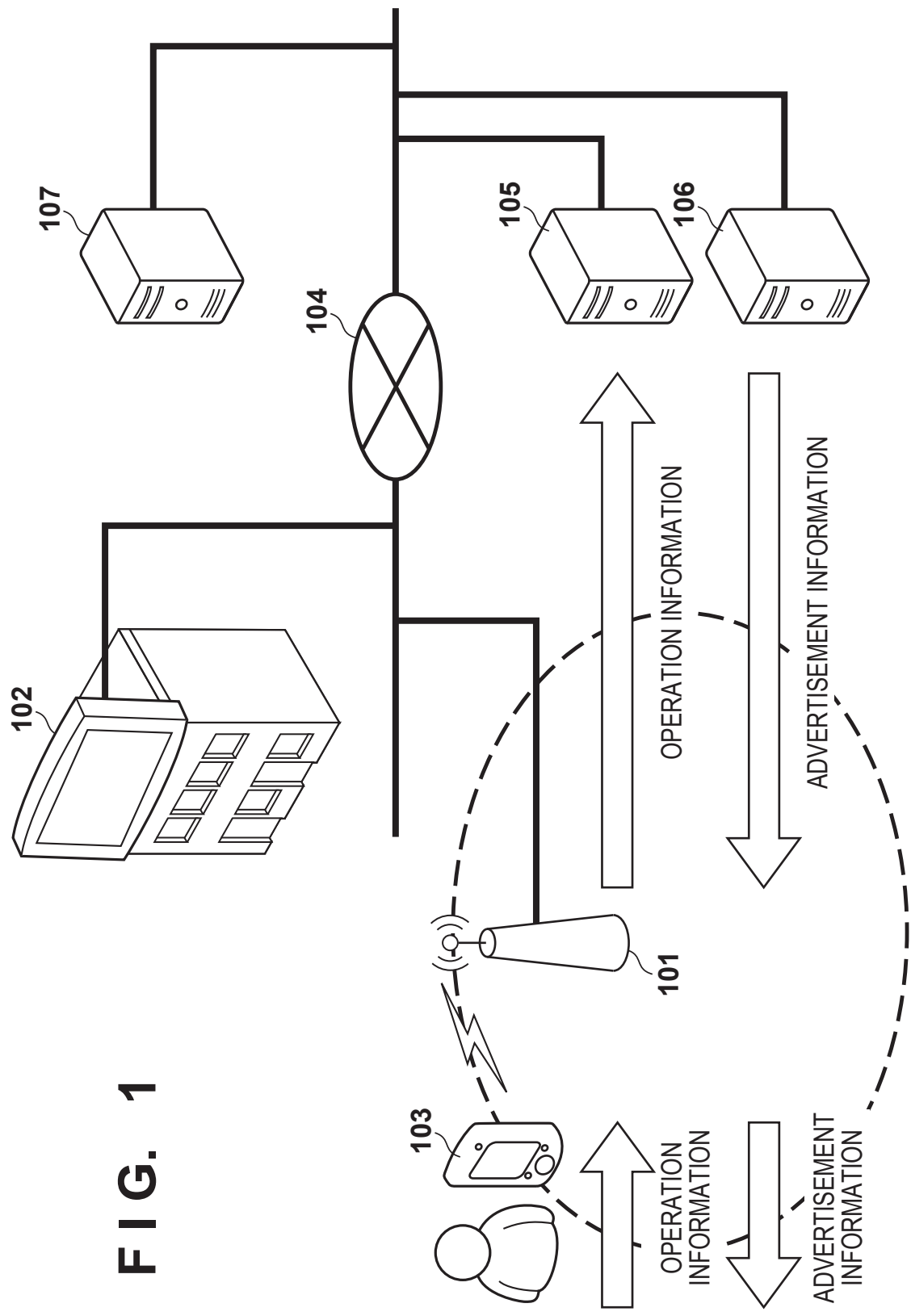


FIG. 1

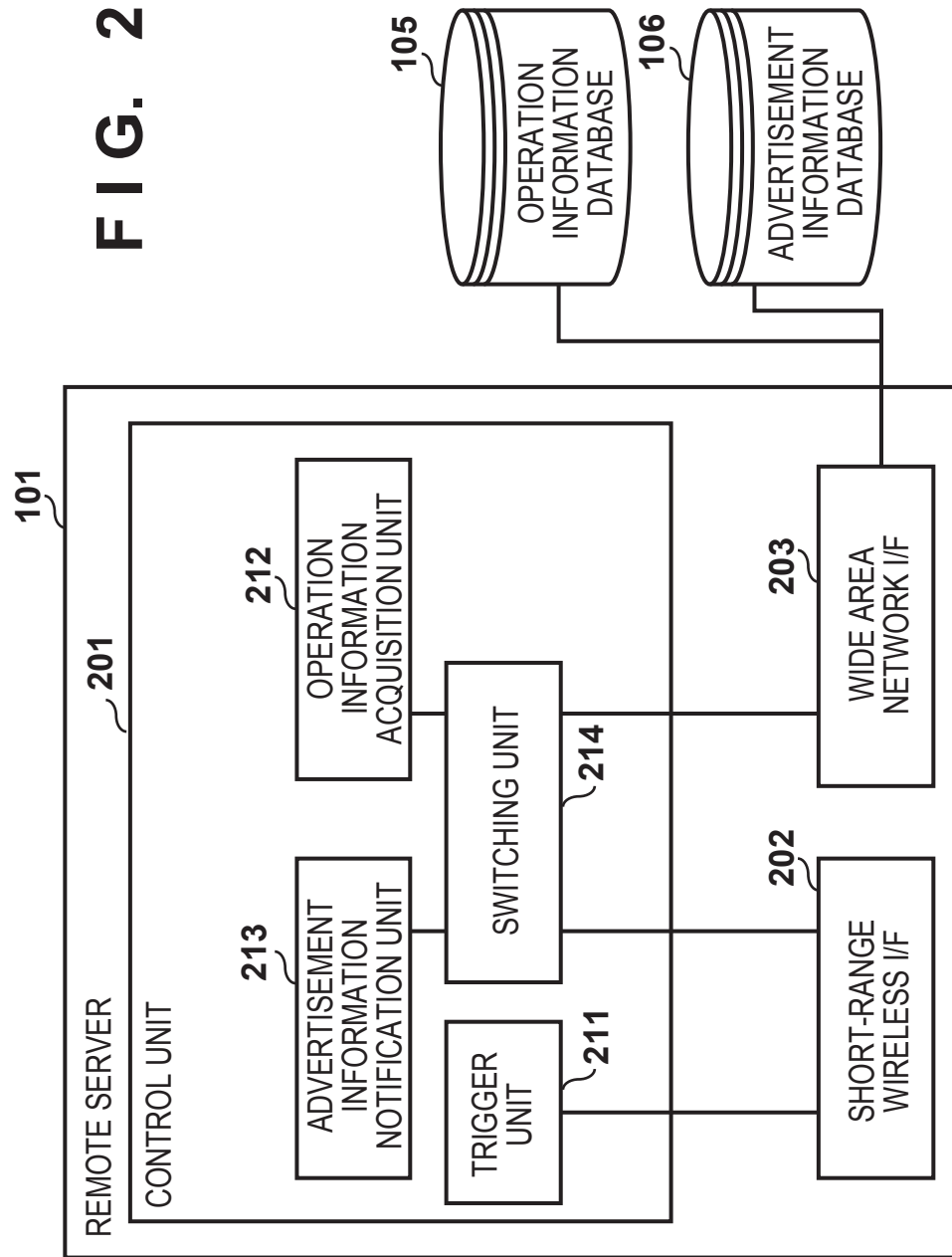


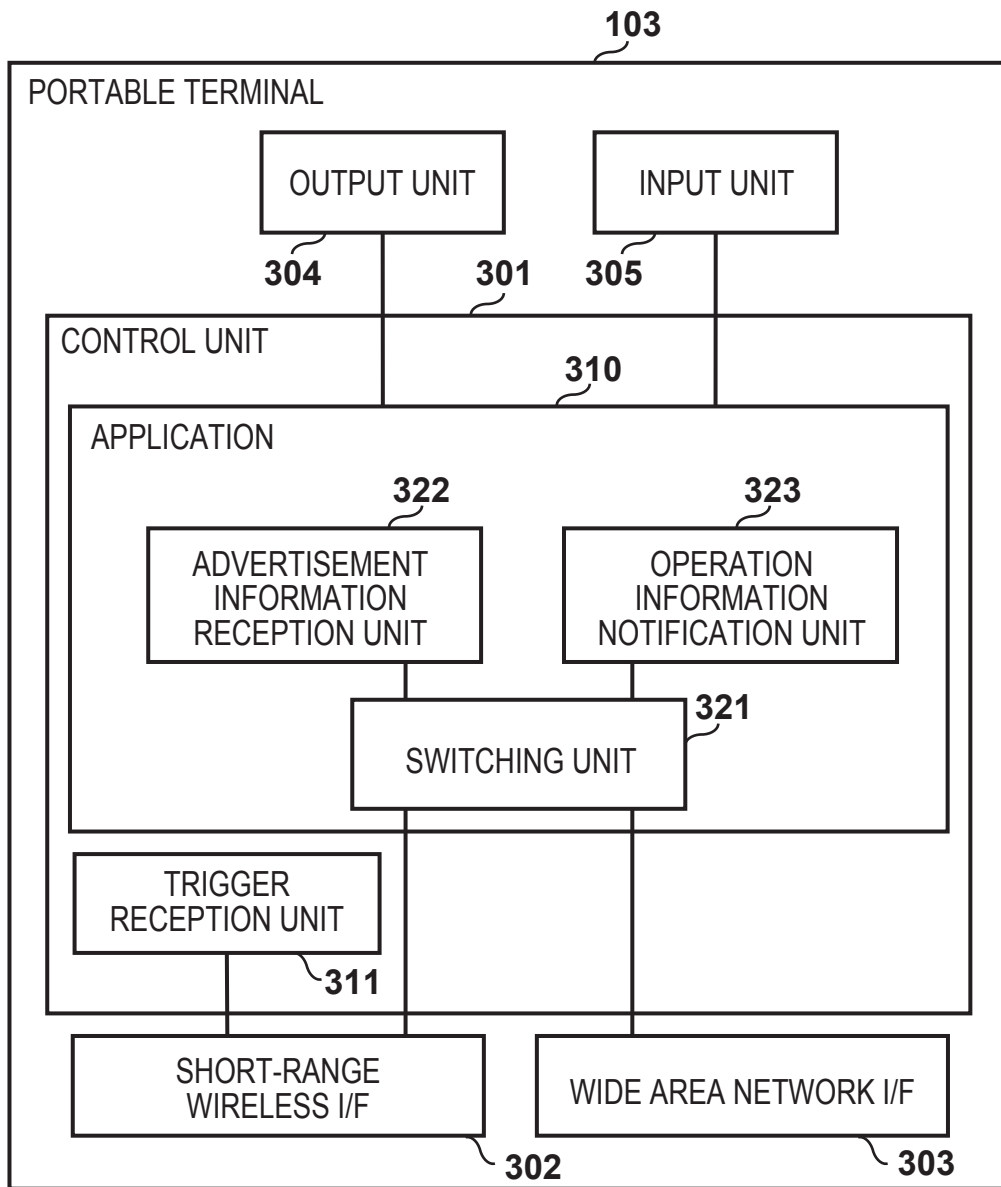
FIG. 3

FIG. 4A

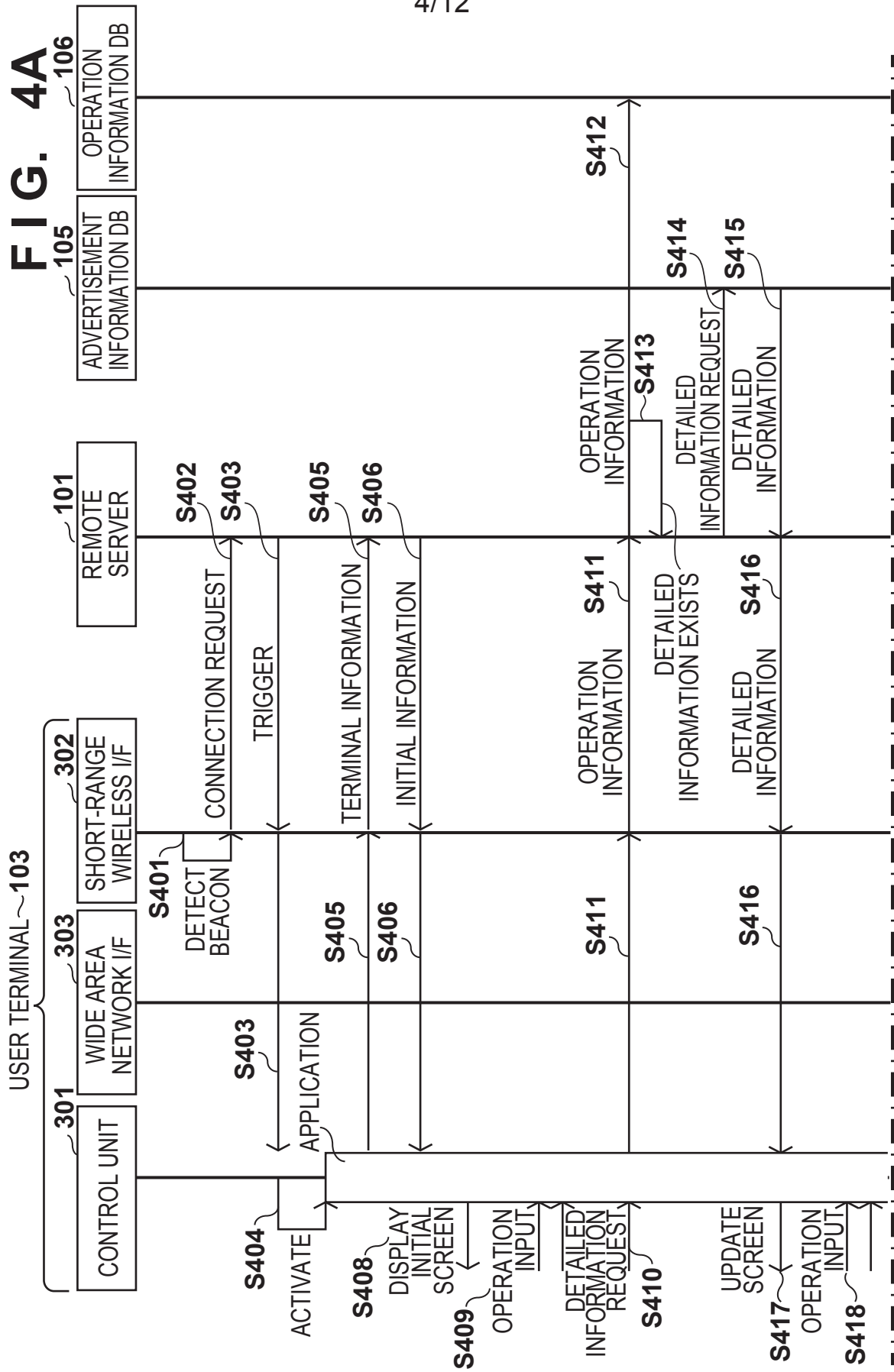


FIG. 4B

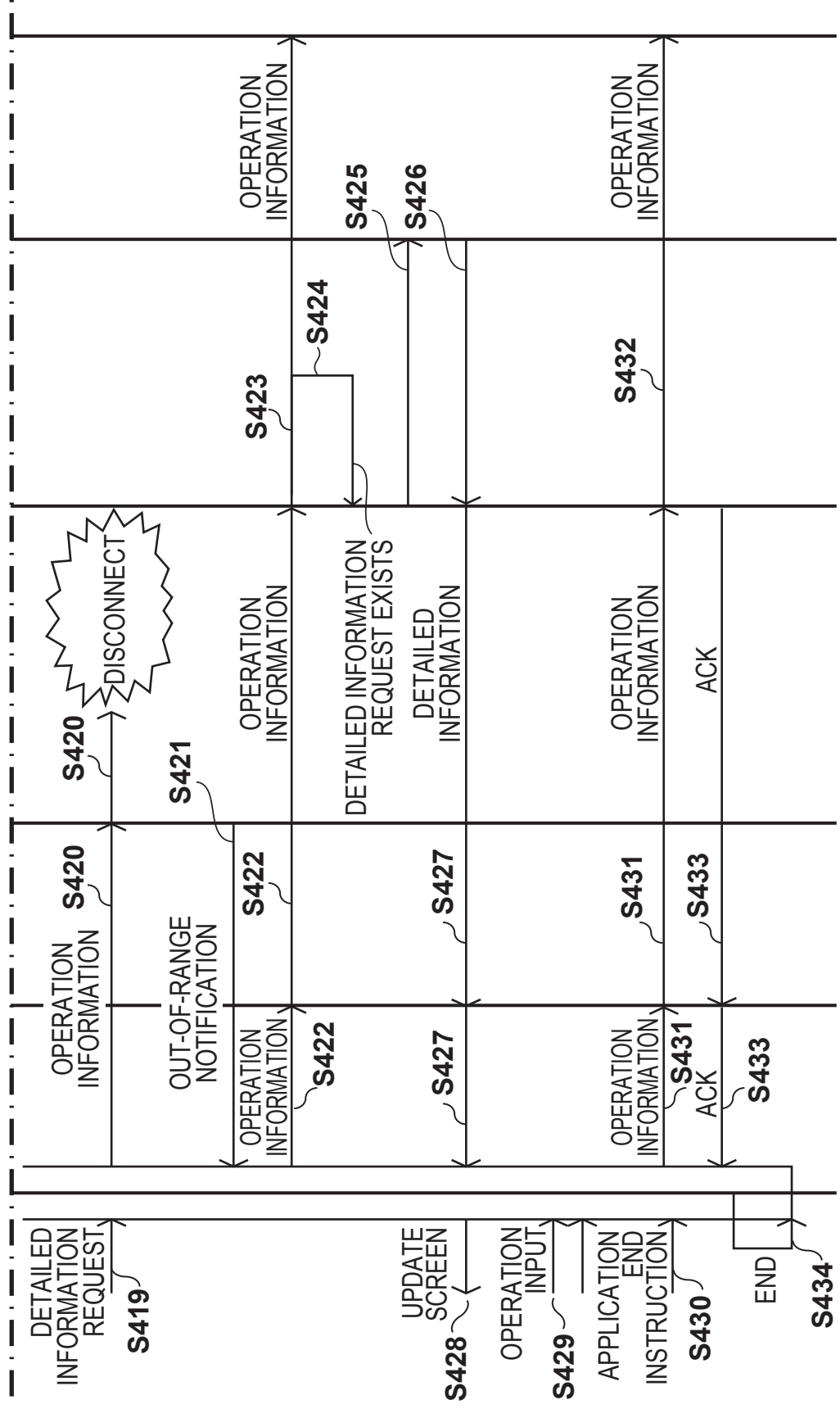


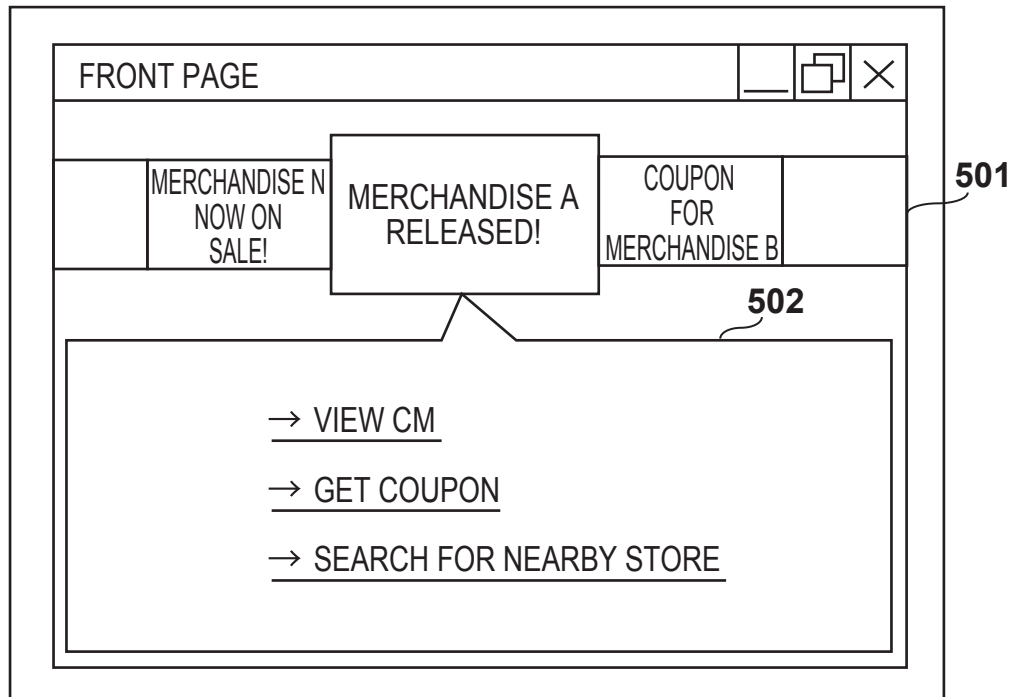
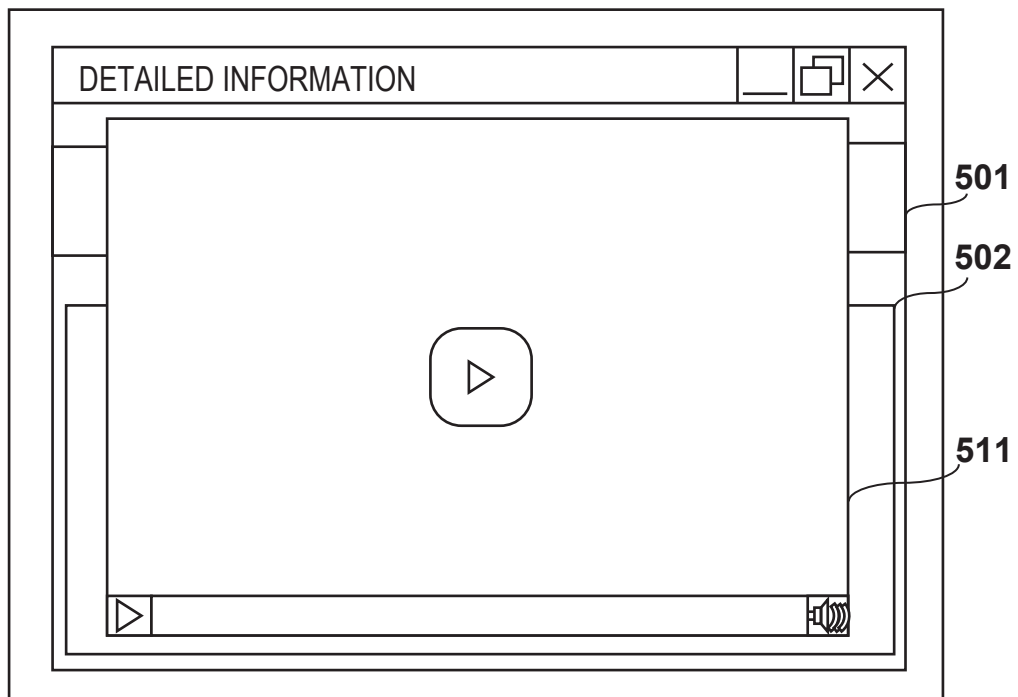
FIG. 5A**FIG. 5B**

FIG. 6A

601 SERVER ID	602 ADVERTISEMENT ID	603 INITIAL INFORMATION ADDRESS	604 ADVERTISEMENT ADDRESS	605 COUPON ADDRESS	606 STORE INFORMATION ADDRESS	• • •
1	10001	1_1_xxx.xml	<u>http://***1</u>		(LAT, LNG)	• • •
2	30001	<u>http://***3/ product.html</u>	<u>http://***3/ detail/</u>	<u>http://***3/ coupon/</u>	<u>http://***3/ access/</u>	• • •
• • •	• • •	• • •	• • •	• • •	• • •	• • •
• • •	• • •	• • •	• • •	• • •	• • •	• • •

FIG. 6B

611 USER ID	612 CONNECTION SERVER ID	613 COMMUNICATION START DATE/TIME	614 COMMUNICATION END DATE/TIME	615 BROWSED ADVERTISEMENT ID	616 DETAILED INFORMATION ADVERTISEMENT ID
1	1	2017/7/1 10:30	2017/7/1 10:38	10002	10002
2	3	2017/7/1 10:30	2017/7/1 10:33	30002, 30006, 30009	30002, 30009
• • •	• • •	• • •	• • •	• • •	• • •
• • •	• • •	• • •	• • •	• • •	• • •

FIG. 7A

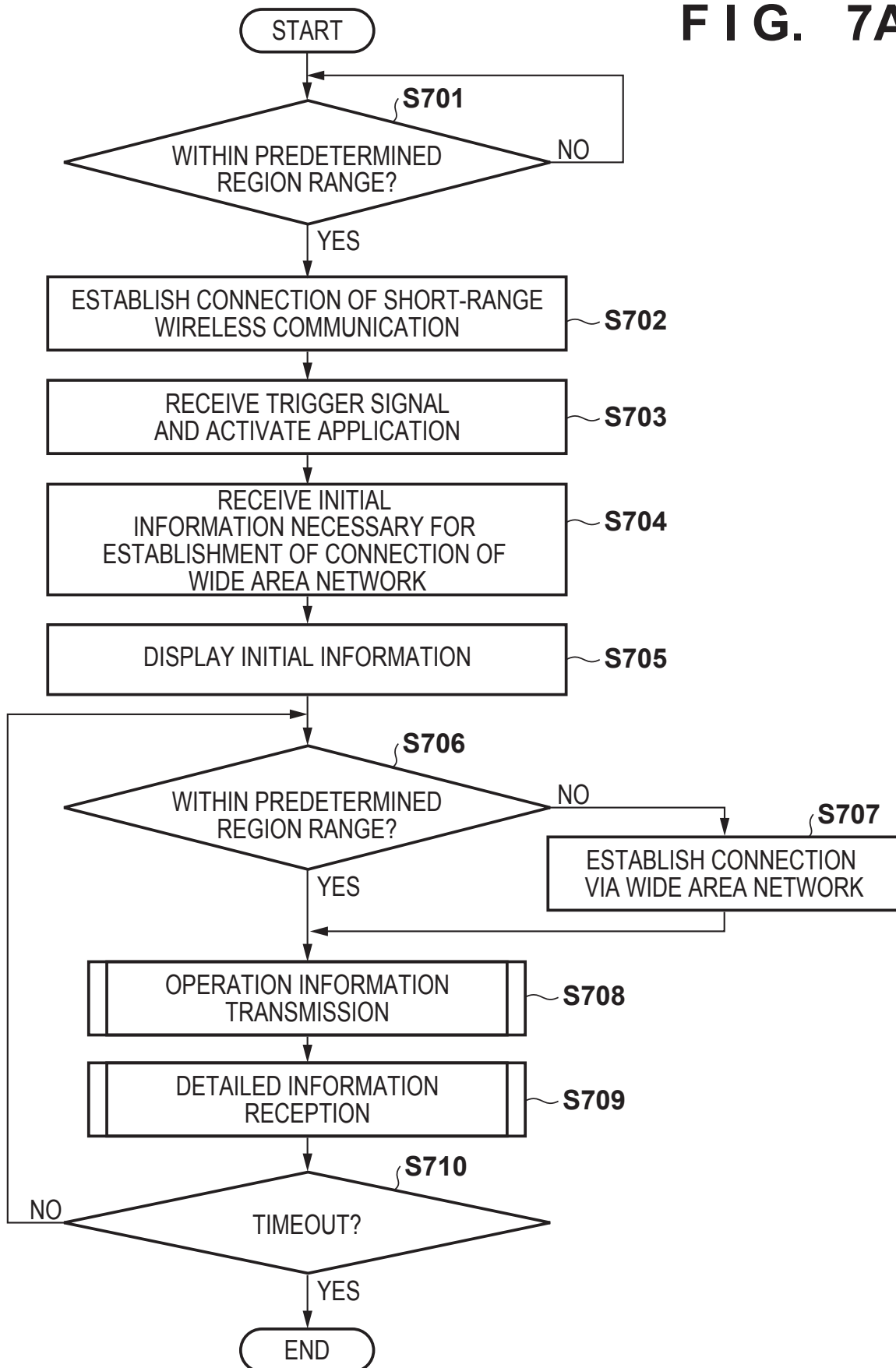


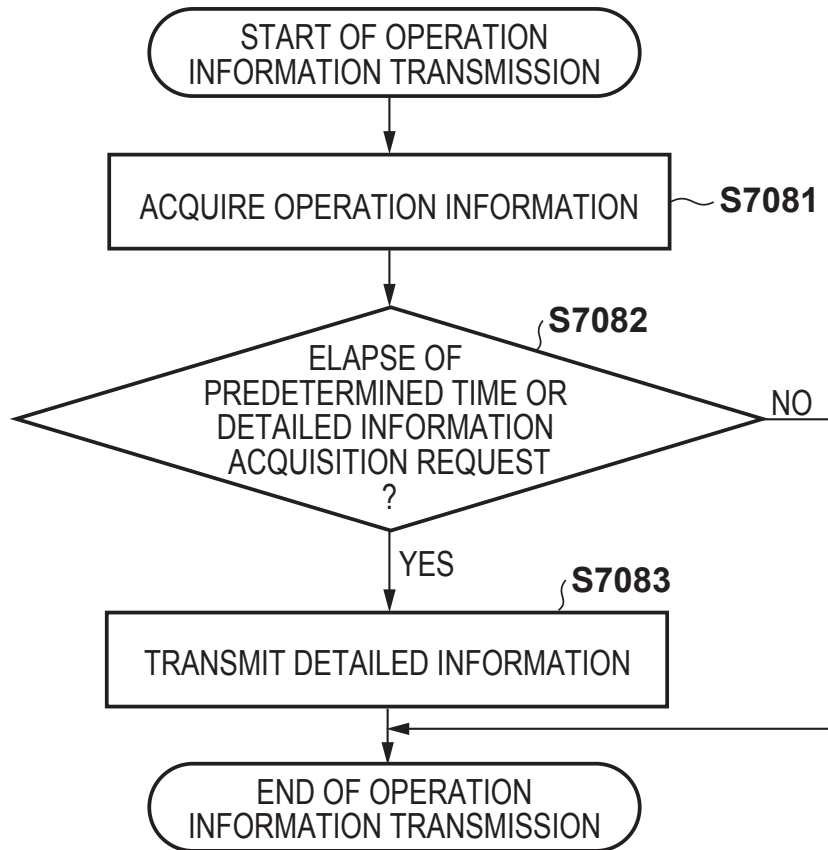
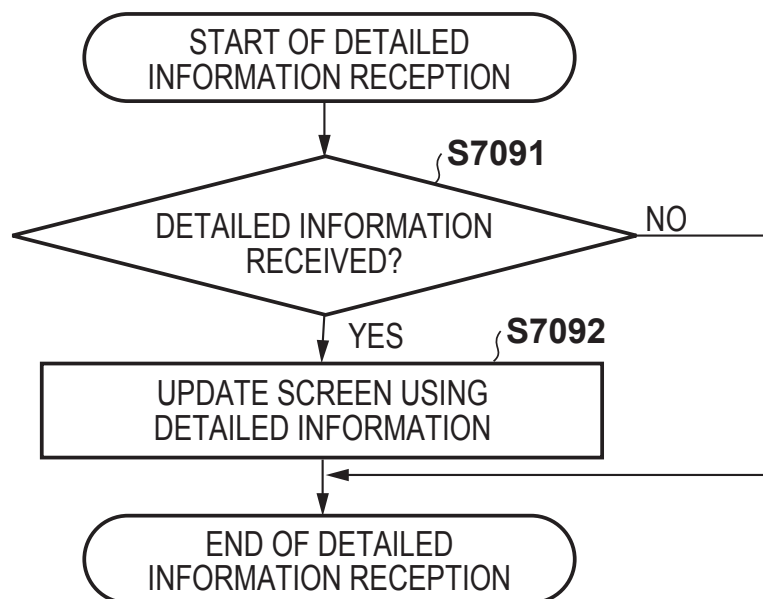
FIG. 7B**FIG. 7C**

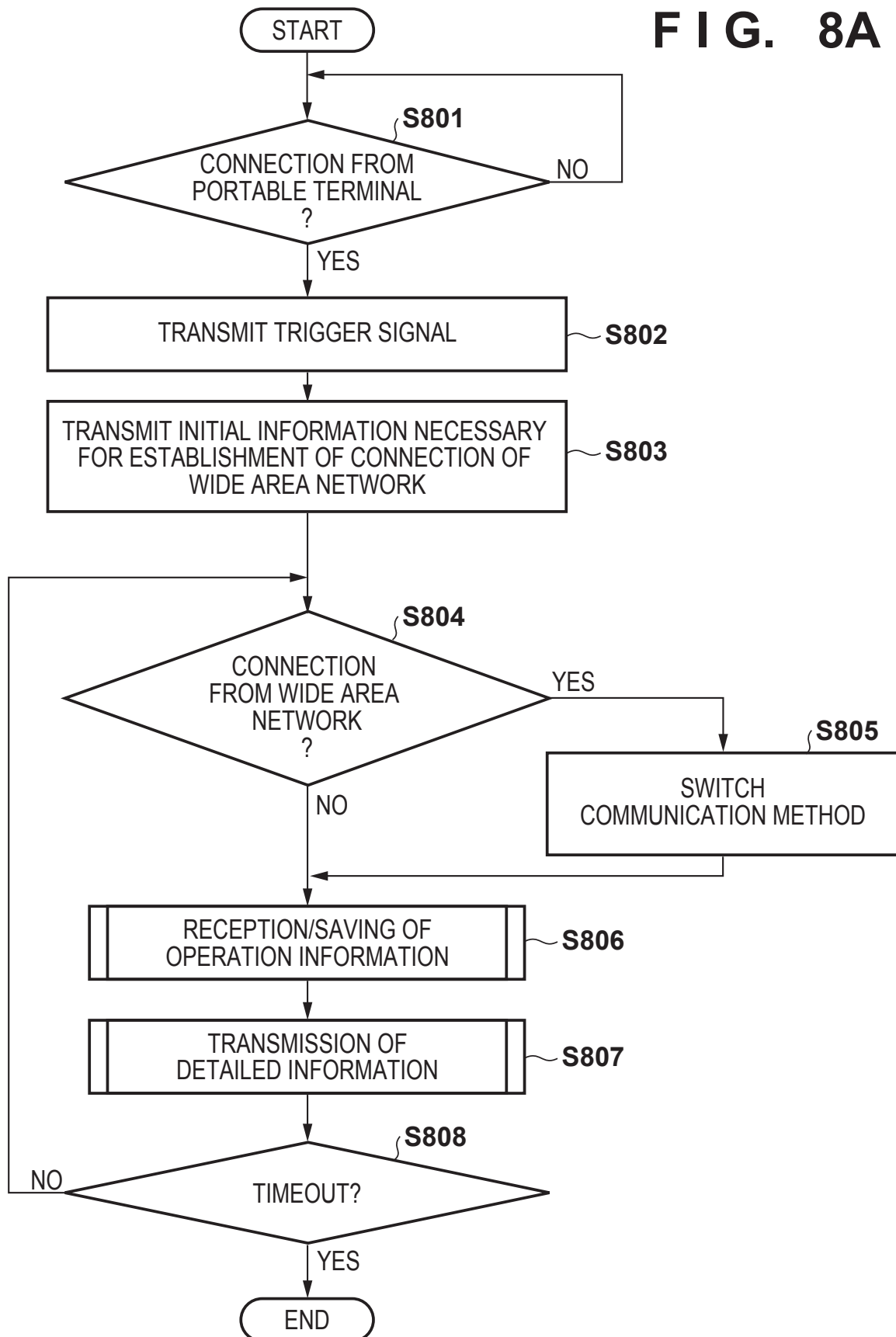
FIG. 8A

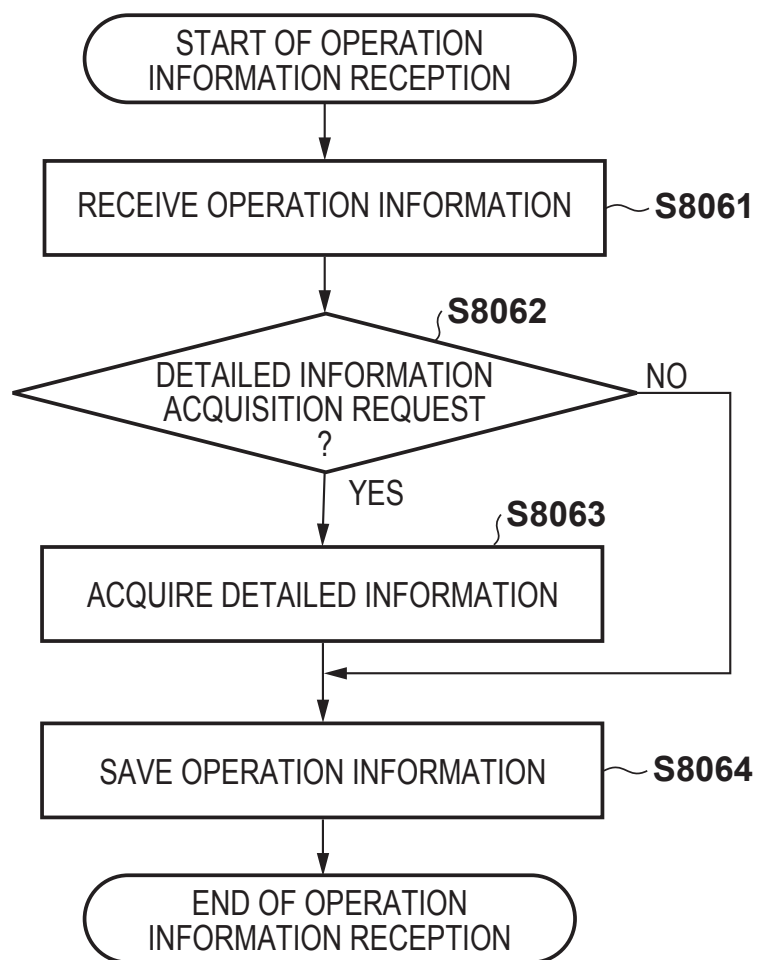
FIG. 8B

FIG. 8C