

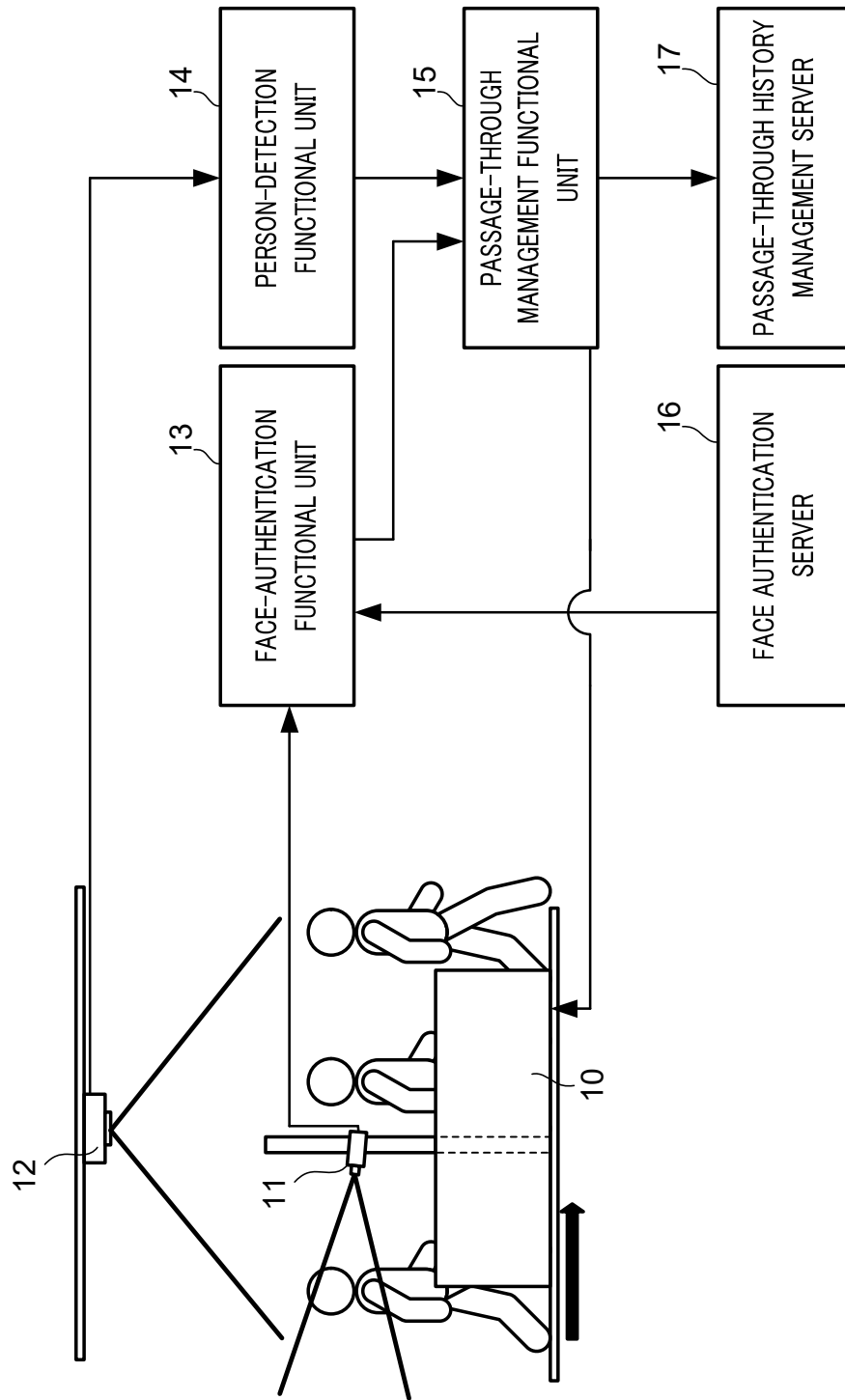


FIG. 1A

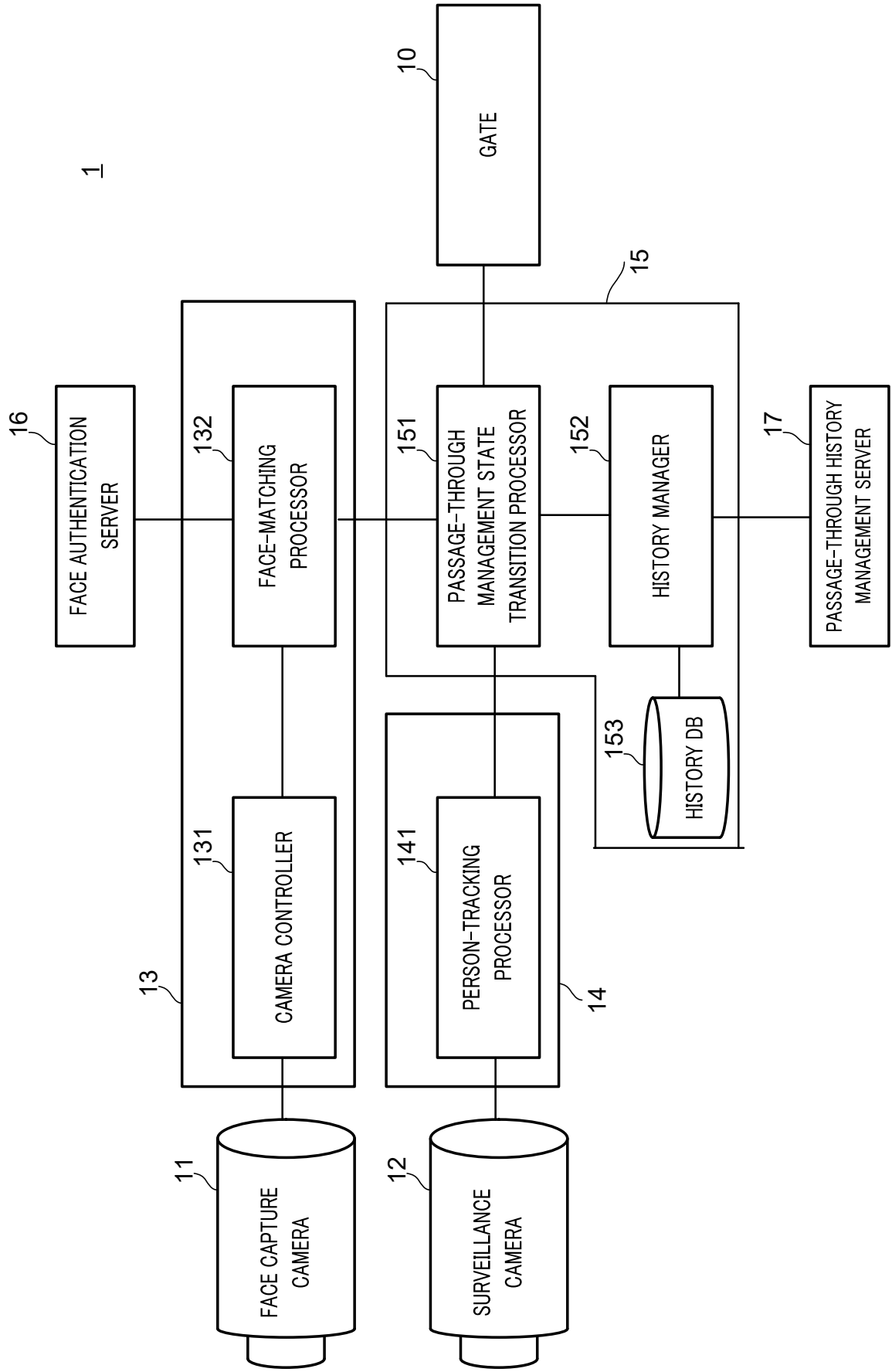


FIG. 1B

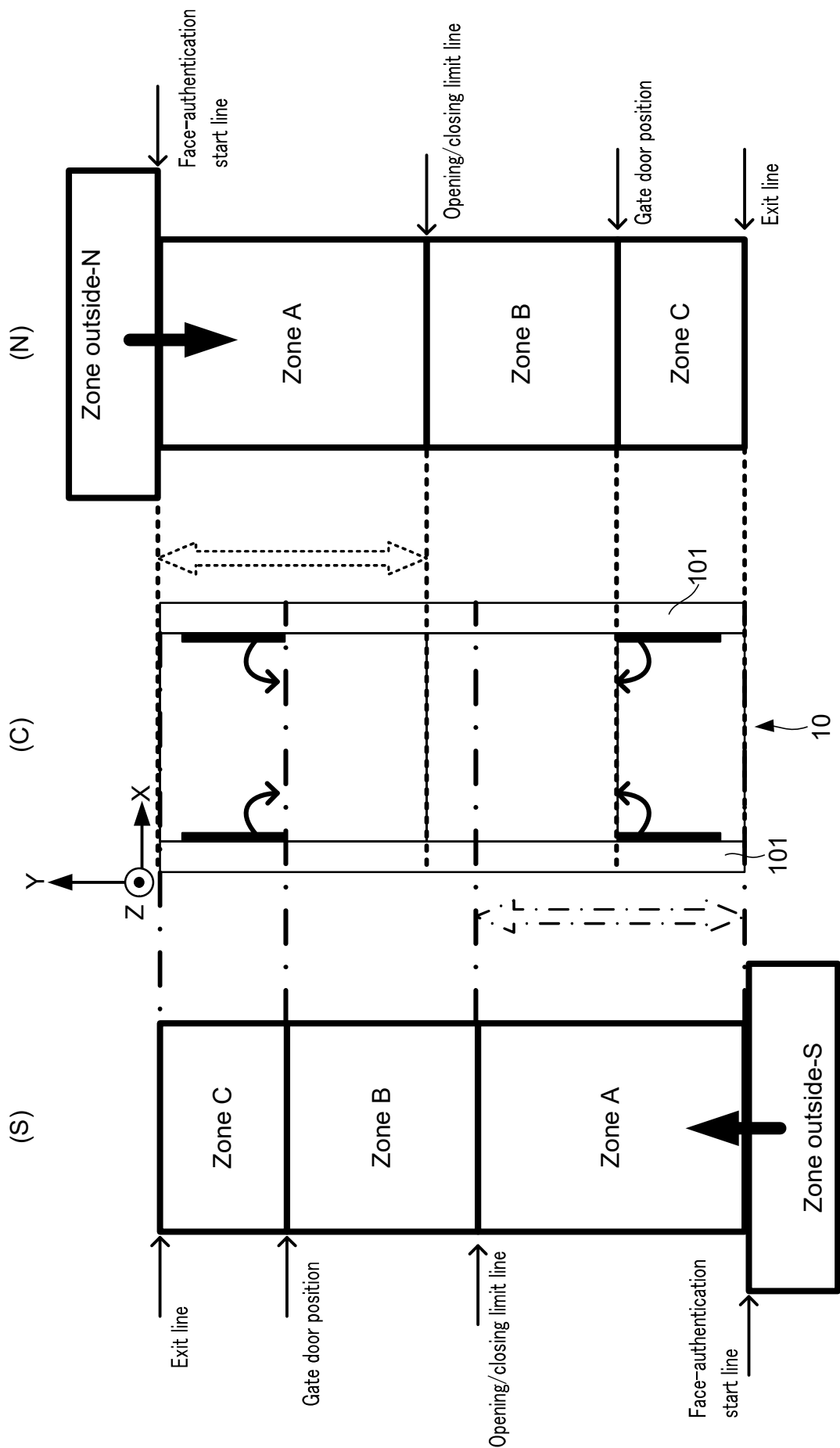


FIG. 2

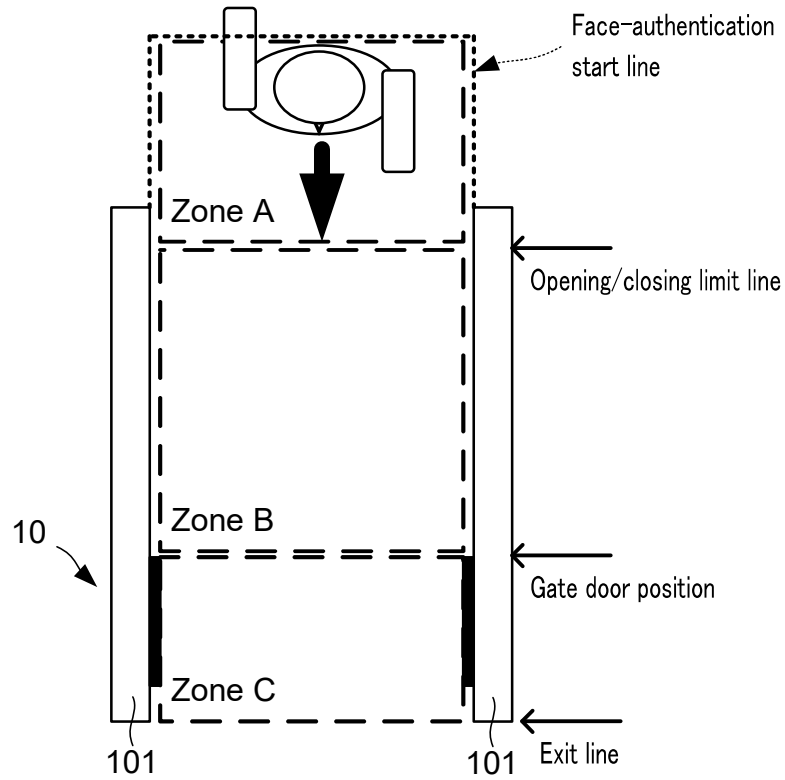


FIG. 3

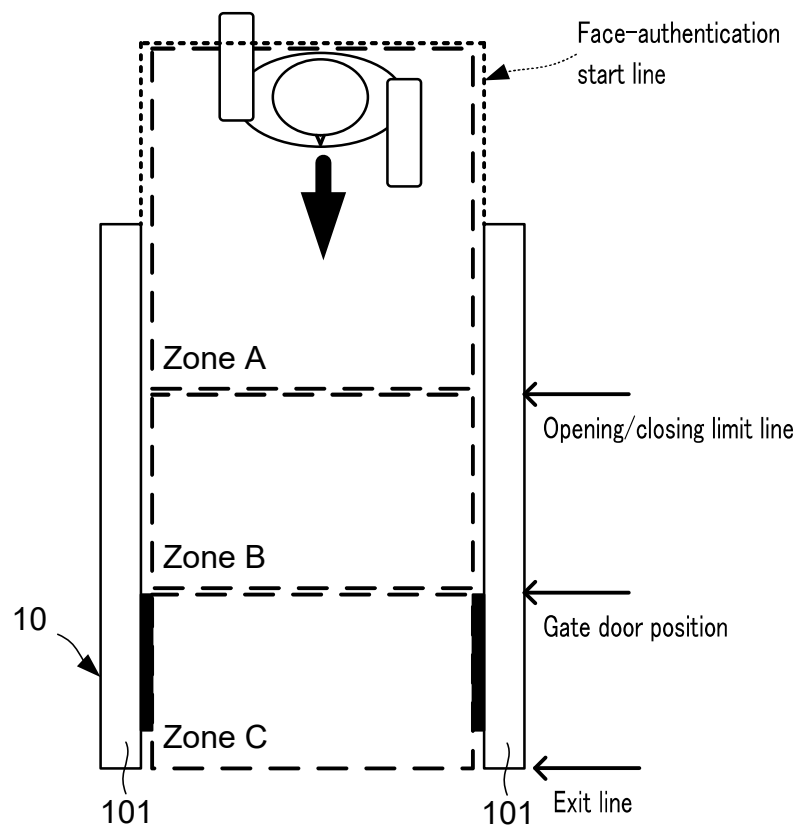


FIG. 4

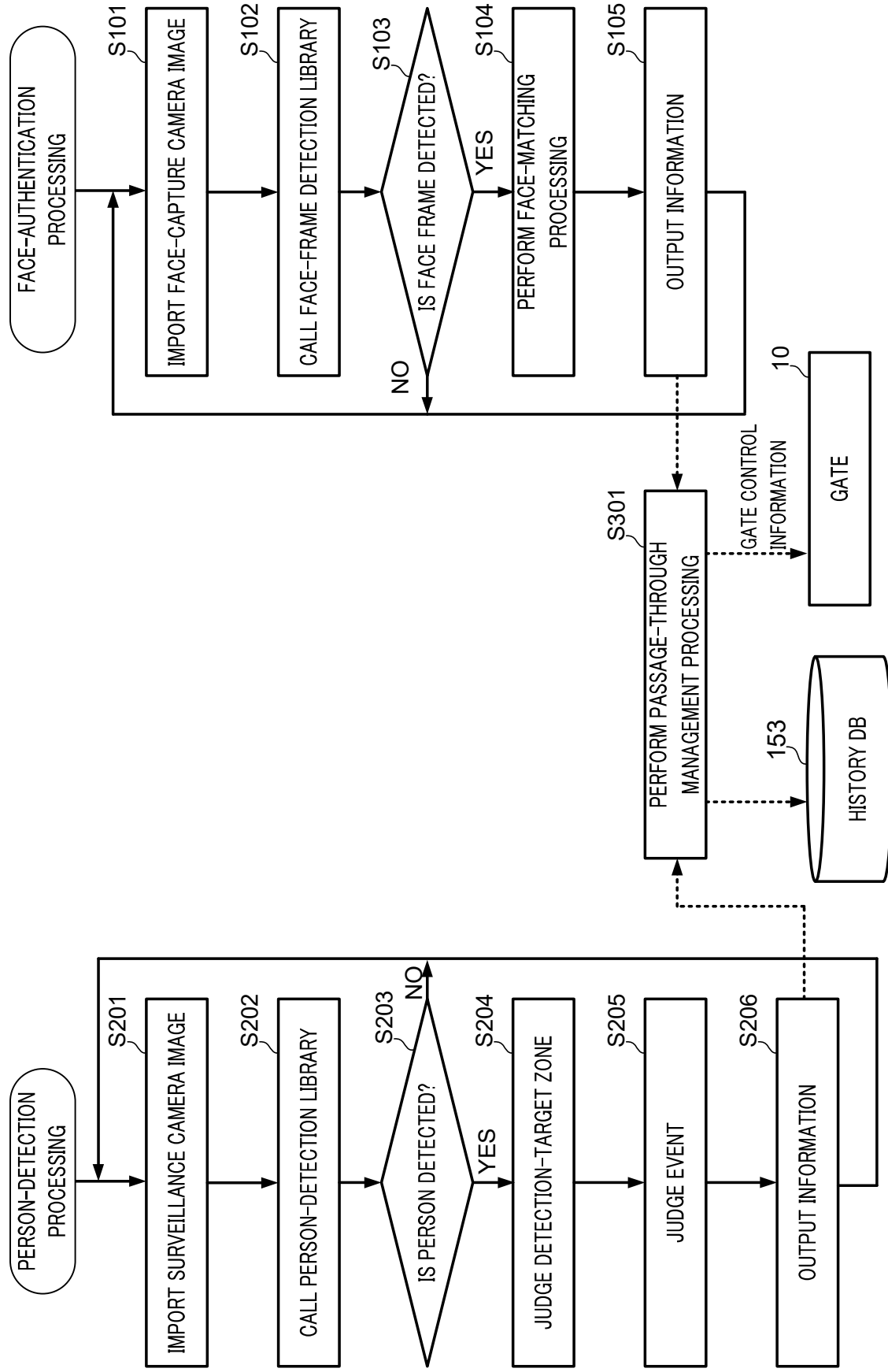


FIG. 5

PERSON-TRACKING ID		INITIAL DETECTION AREA (PROCEEDING DIRECTION)		ID OCCURRENCE TIME	
IN-ID SERIAL NUMBER	DETECTION TIME	DETECTION COORDINATE X	DETECTION COORDINATE Y	JUDGEMENT ZONE ID	JUDGEMENT EVENT
IN-ID SERIAL NUMBER	DETECTION TIME	DETECTION COORDINATE X	DETECTION COORDINATE Y	JUDGEMENT ZONE ID	JUDGEMENT EVENT
IN-ID SERIAL NUMBER	DETECTION TIME	DETECTION COORDINATE X	DETECTION COORDINATE Y	JUDGEMENT ZONE ID	JUDGEMENT EVENT
IN-ID SERIAL NUMBER	DETECTION TIME	DETECTION COORDINATE X	DETECTION COORDINATE Y	JUDGEMENT ZONE ID	JUDGEMENT EVENT
...					

FIG. 6

First digit	Second digit	Third digit	Fourth digit
N : Normal Normal passage-through	「Direction attribute」 N : From North S : From South	「Pre-event Zone」 P : New aPear N : Zone outside-N A : Zone A B : Zone B C : Zone C S : Zone outside-S	「Event occurrence place」 N : Zone outside-N A : Zone A B : Zone B C : Zone C S : Zone outside-S L : Lost T : Time out
E : Error Abnormal state			
J : Jump Discontinuous movement			

FIG. 7

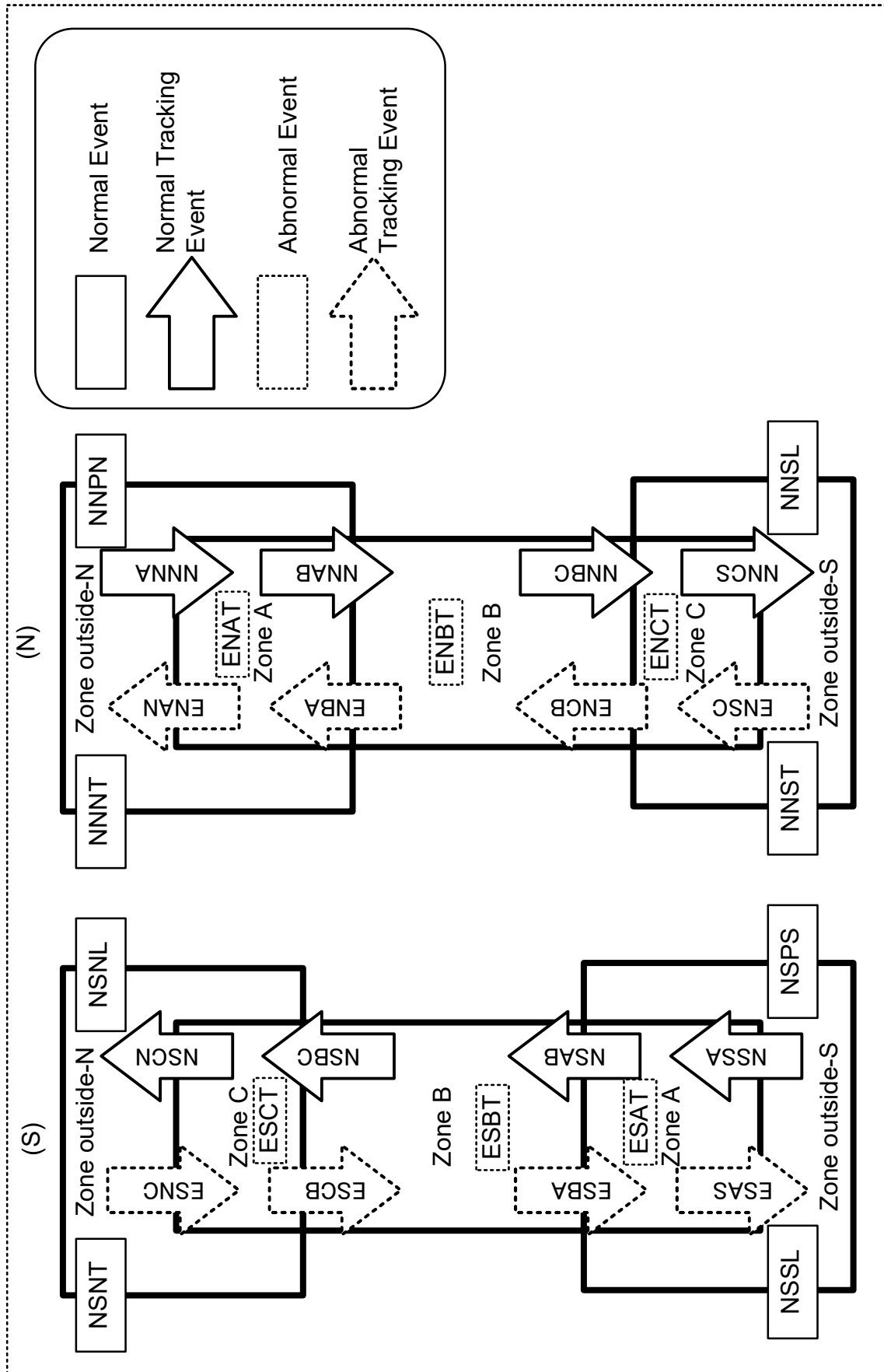


FIG. 8

	ZONE OUTSIDE-S	ZONE A	ZONE B	ZONE C	ZONE OUTSIDE-N	LOST	TIMEOUT
【S0】 INITIAL STATE	NEW REGISTRATION NSPS →S1	NEW REGISTRATION NSPA →S2	NEW REGISTRATION NSPB →S3	TREATED AS ENTRY FROM NORTH-SIDE	TREATED AS ENTRY FROM NORTH-SIDE	---	---
【S1】 ZONE OUTSIDE-S	NO EVENT	NORMAL PASSAGE NSSA →S2	JUMP JSSB →S3	JUMP JSSC →S4	JUMP JSSN →S5	NSSL →TRACKING END	ESST→S0 (ANOTHER MANAGEMENT)
【S2】 ZONE A	U-TURN NSAS →S1	NO EVENT	NORMAL PASSAGE NSAB →S3	JUMP JSAC →S4	JUMP JSAN →S5	LOST ESAL →TRACKING END	ESAT→S0 (ANOTHER MANAGEMENT)
【S3】 ZONE B	JUMP JSBS →S1	U-TURN NSBA →S2	NO EVENT	NORMAL PASSAGE NSBC →S4	JUMP JSBN →S5	LOST ESBL →TRACKING END	ESBT→S0 (ANOTHER MANAGEMENT)
【S4】 ZONE C	JUMP JSCS →S1	JUMP JSCA →S2	U-TURN NSCB →S3	NO EVENT	NORMAL PASSAGE NSCN →S5	LOST ESCL →TRACKING END	ESCT→S0 (ANOTHER MANAGEMENT)
【S5】 ZONE OUTSIDE-N	JUMP JSNS →S1	JUMP JSNA →S2	JUMP JSNB →S3	U-TURN NSNC →S4	NO EVENT	NORMAL LOST NSNL →TRACKING END	NSNT →S0 (NEW FROM NORTH-SIDE)

FIG. 9

	ZONE OUTSIDE-S	ZONE A	ZONE B	ZONE C	ZONE OUTSIDE-N	LOST	TIMEOUT
【S0】 INITIAL STATE	TREATED AS ENTRY FROM SOUTH-SIDE	NEW REGISTRATION NNPA →S2	NEW REGISTRATION NNPB →S3	TREATED AS ENTRY FROM SOUTH-SIDE	NEW REGISTRATION NNPN →S5	---	---
【S1】 ZONE OUTSIDE-S	NO EVENT	JUMP JNSA →S2	JUMP JNSB →S3	U-TURN NNSC →S4	JUMP JNSN →S5	NORMAL LOST NNSL →TRACKING END	NNST →S0 (NEW FROM SOUTH-SIDE)
【S2】 ZONE A	JUMP JNAS →S1	NO EVENT	NORMAL PASSAGE NNAB →S3	JUMP JNAC →S4	U-TURN NNAN →S5	LOST ENAL →TRACKING END	ENAT→S0 (ANOTHER MANAGEMENT)
【S3】 ZONE B	JUMP JNBS →S1	U-TURN NNBA →S2	NO EVENT	NORMAL PASSAGE NNBC →S4	JUMP JNBN →S5	LOST ENBL →TRACKING END	ENBT→S0 (ANOTHER MANAGEMENT)
【S4】 ZONE C	NORMAL PASSAGE NNCS →S1	JUMP JNCA →S2	U-TURN NNCB →S3	NO EVENT	JUMP JNCN →S5	LOST ENCL →TRACKING END	ENCT→S0 (ANOTHER MANAGEMENT)
【S5】 ZONE OUTSIDE-N	JUMP JNNS →S1	NORMAL PASSAGE NNNA →S2	JUMP JNNB →S3	JUMP JNNC →S4	NO EVENT	NNNL →TRACKING END	ENNT→S0 (ANOTHER MANAGEMENT)

FIG. 10

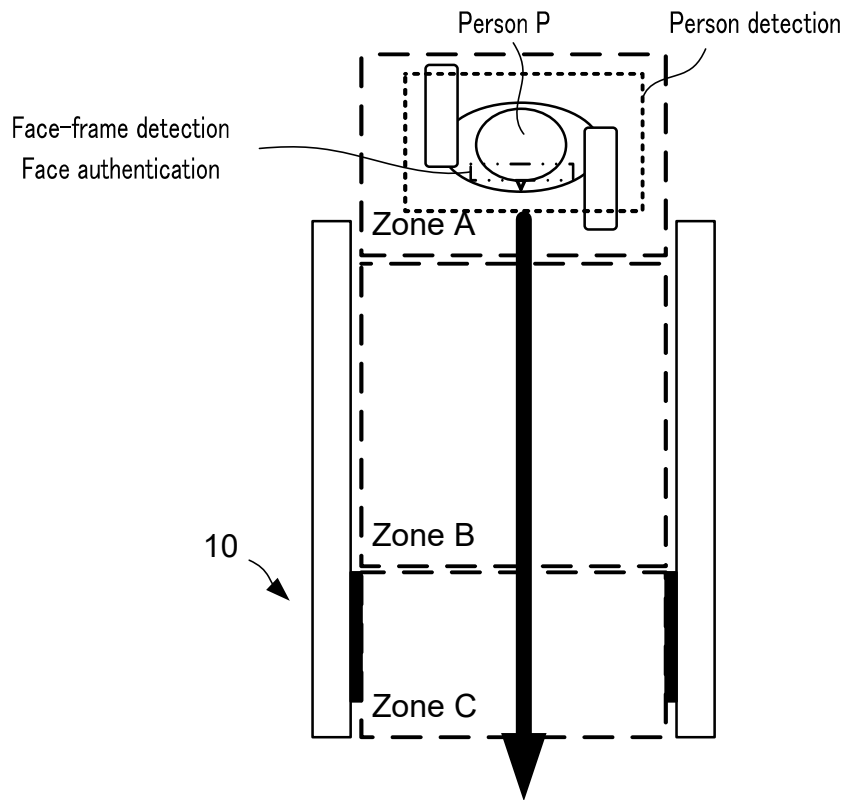


FIG. 11

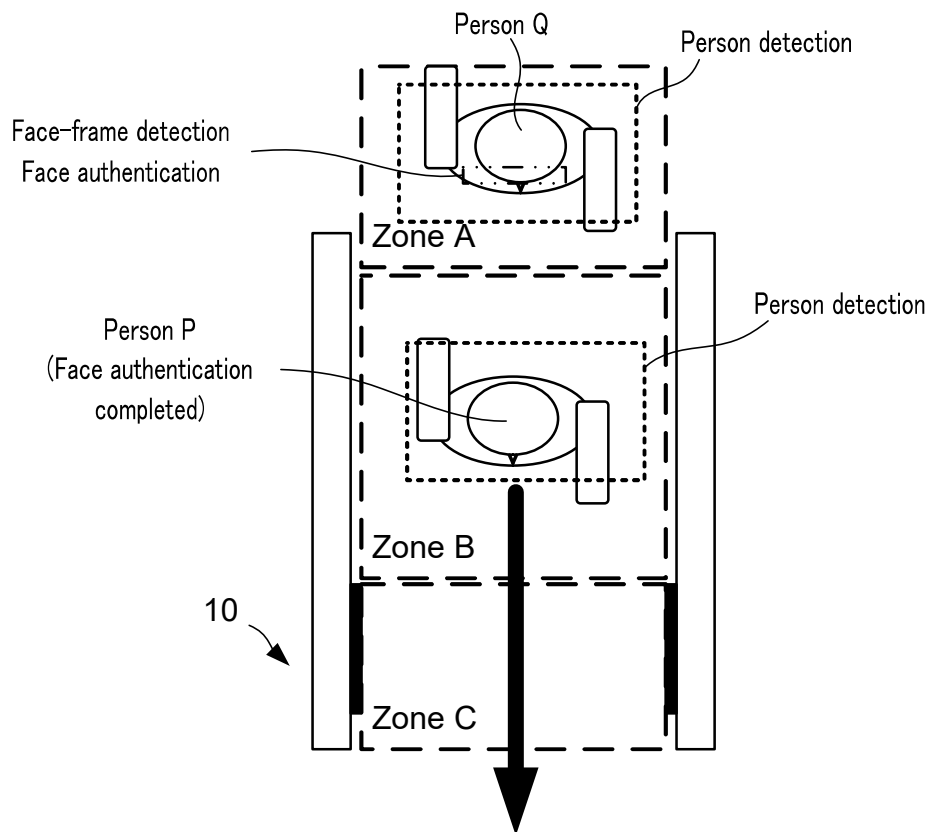


FIG. 12

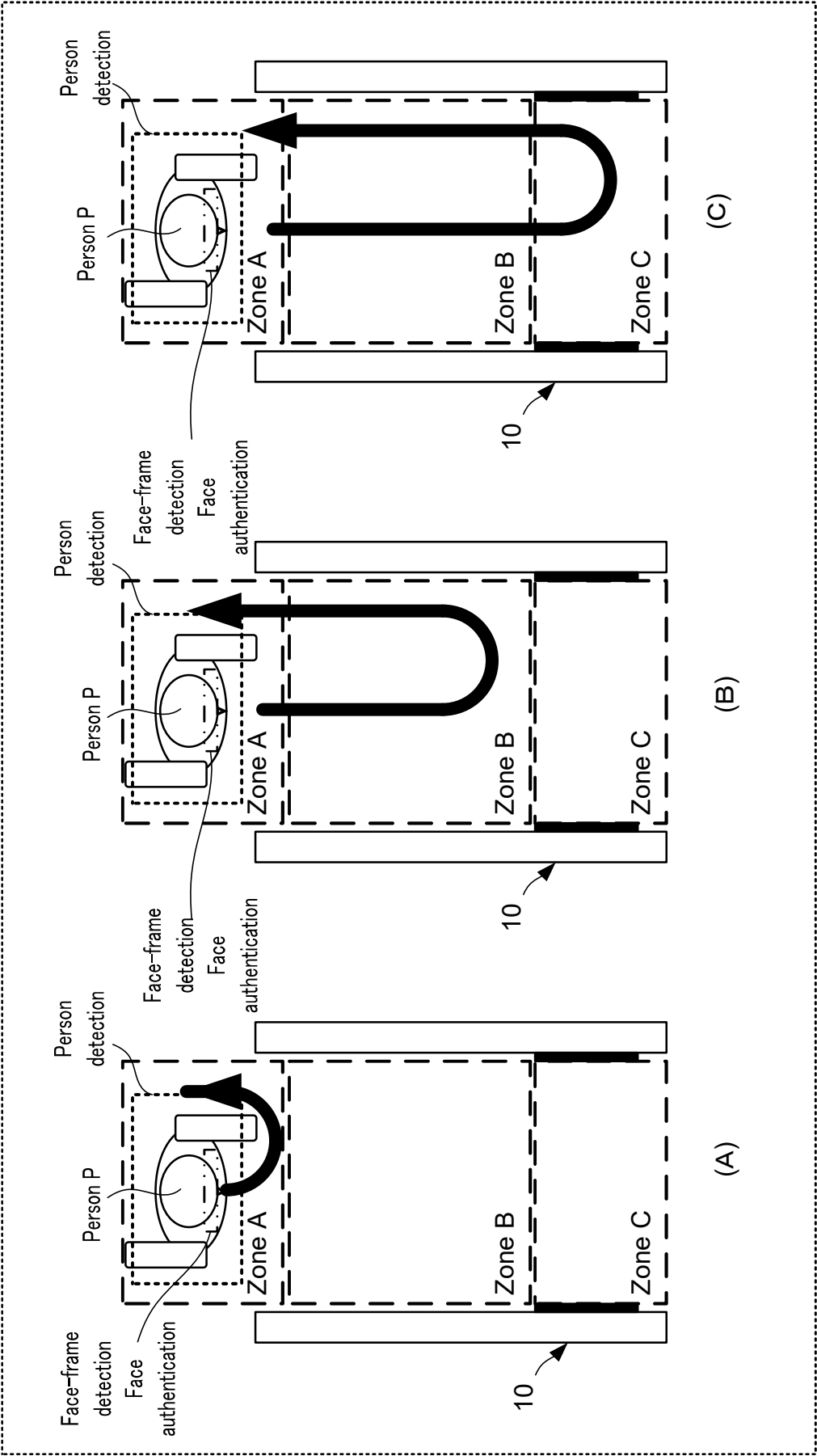


FIG. 13

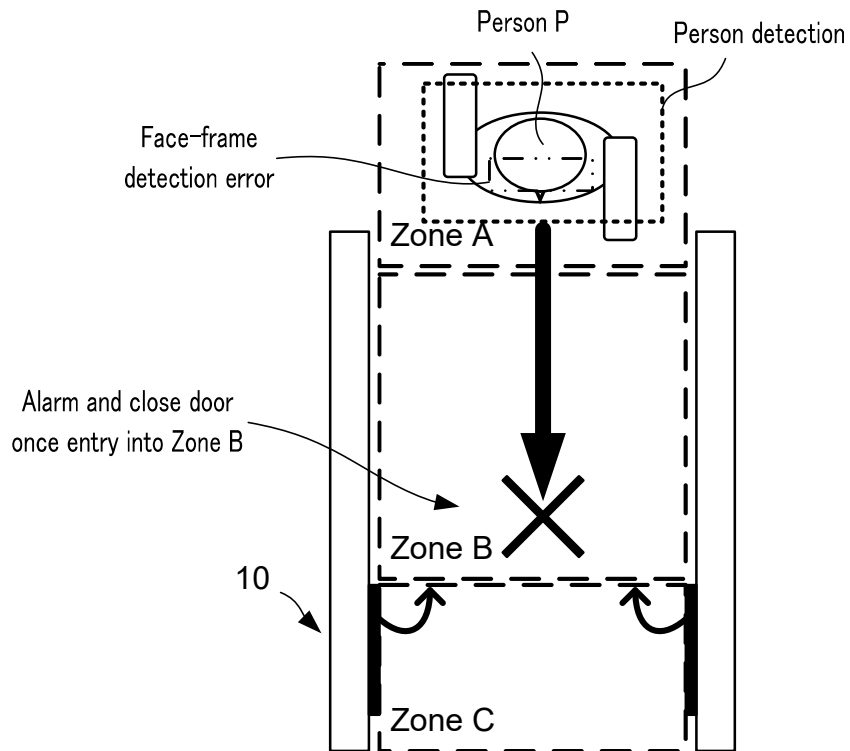


FIG. 14

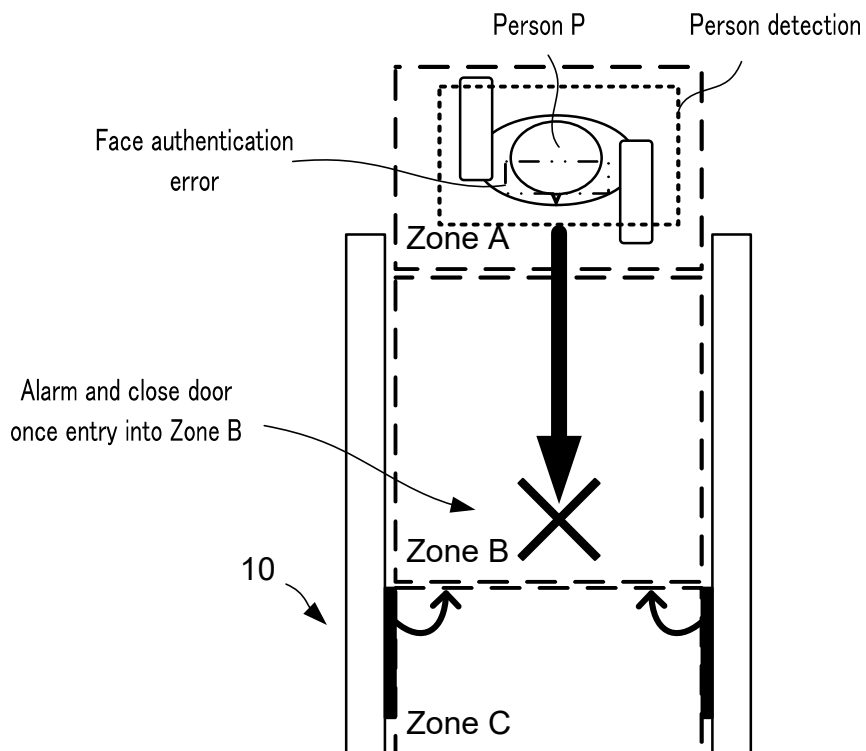


FIG. 15

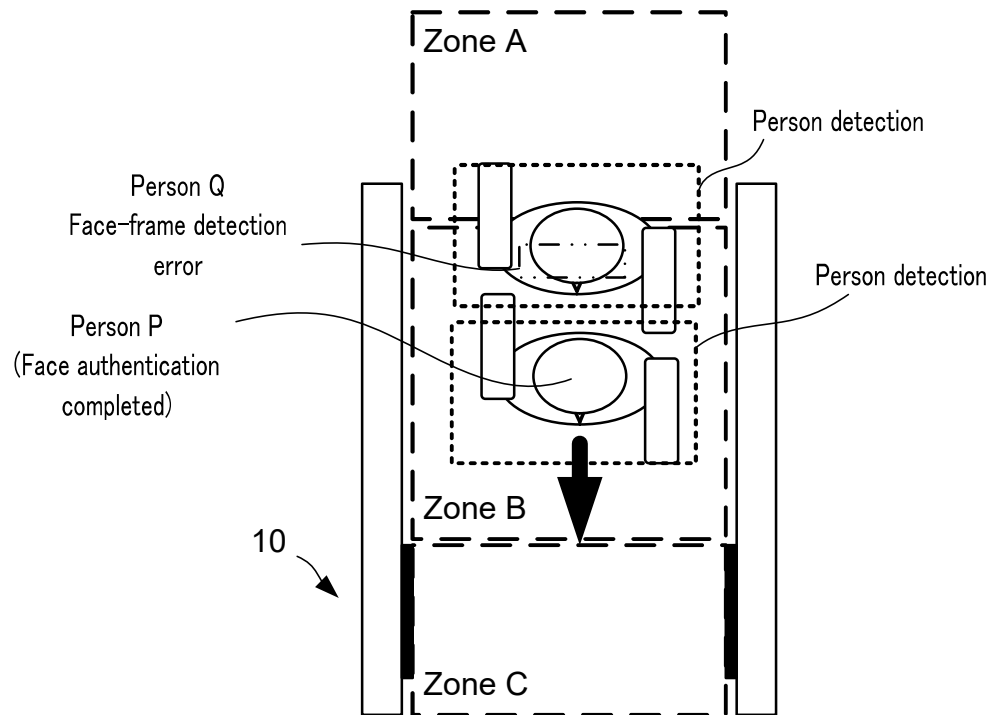


FIG. 16

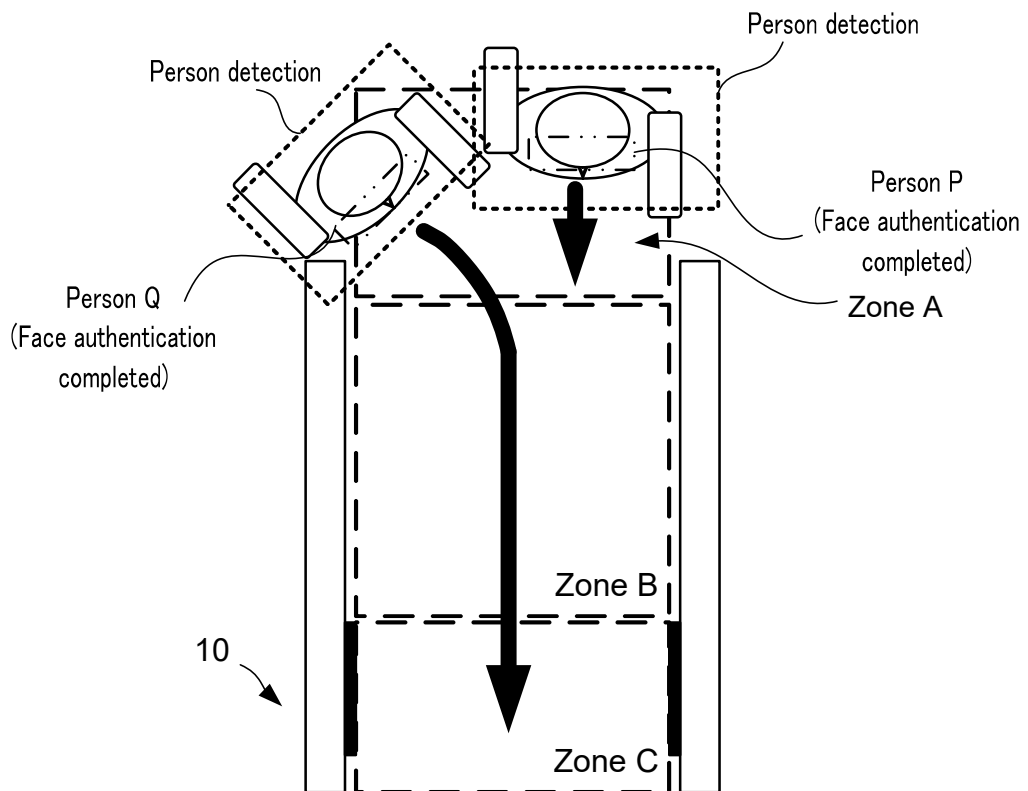


FIG. 17

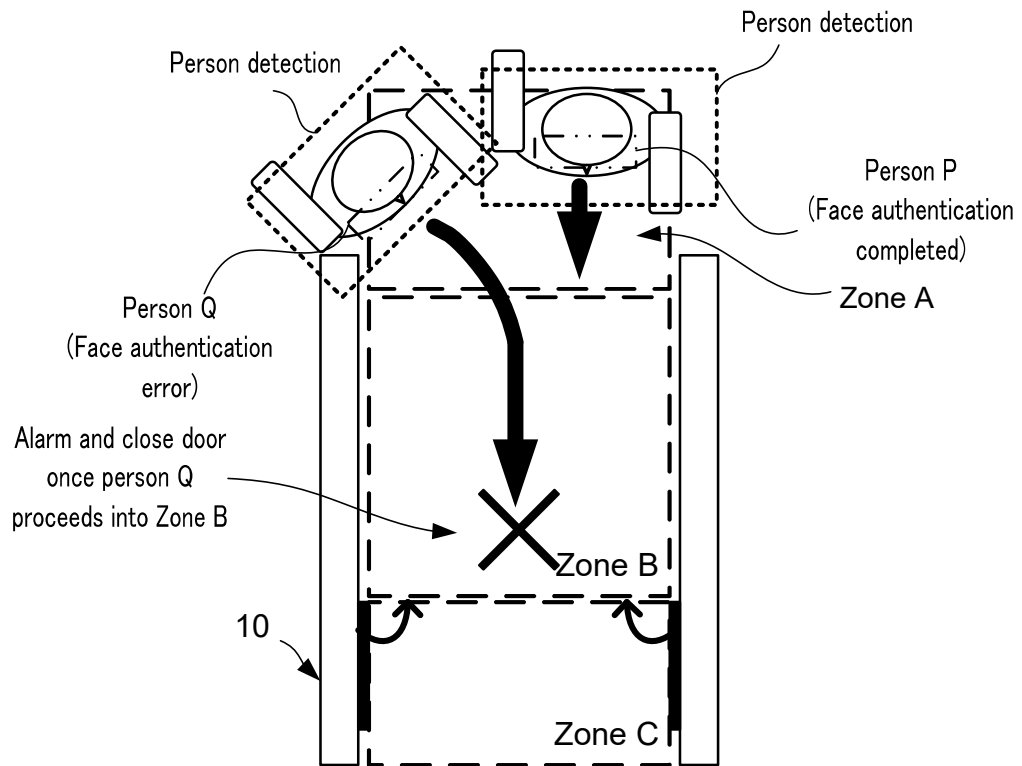


FIG. 18

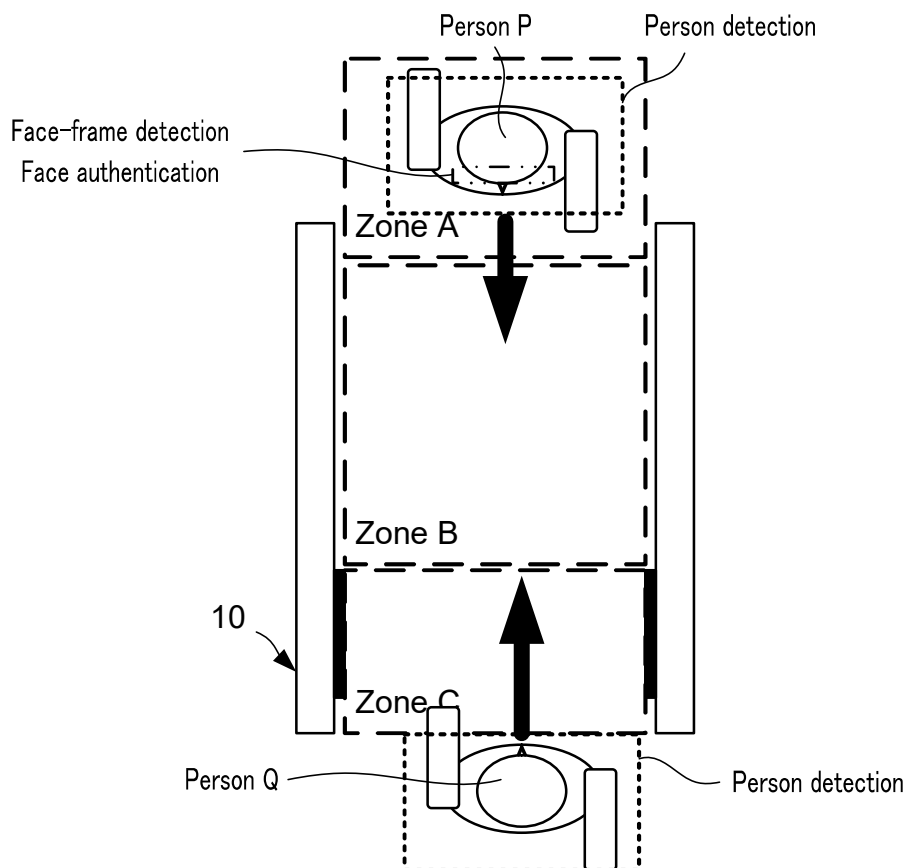


FIG. 19

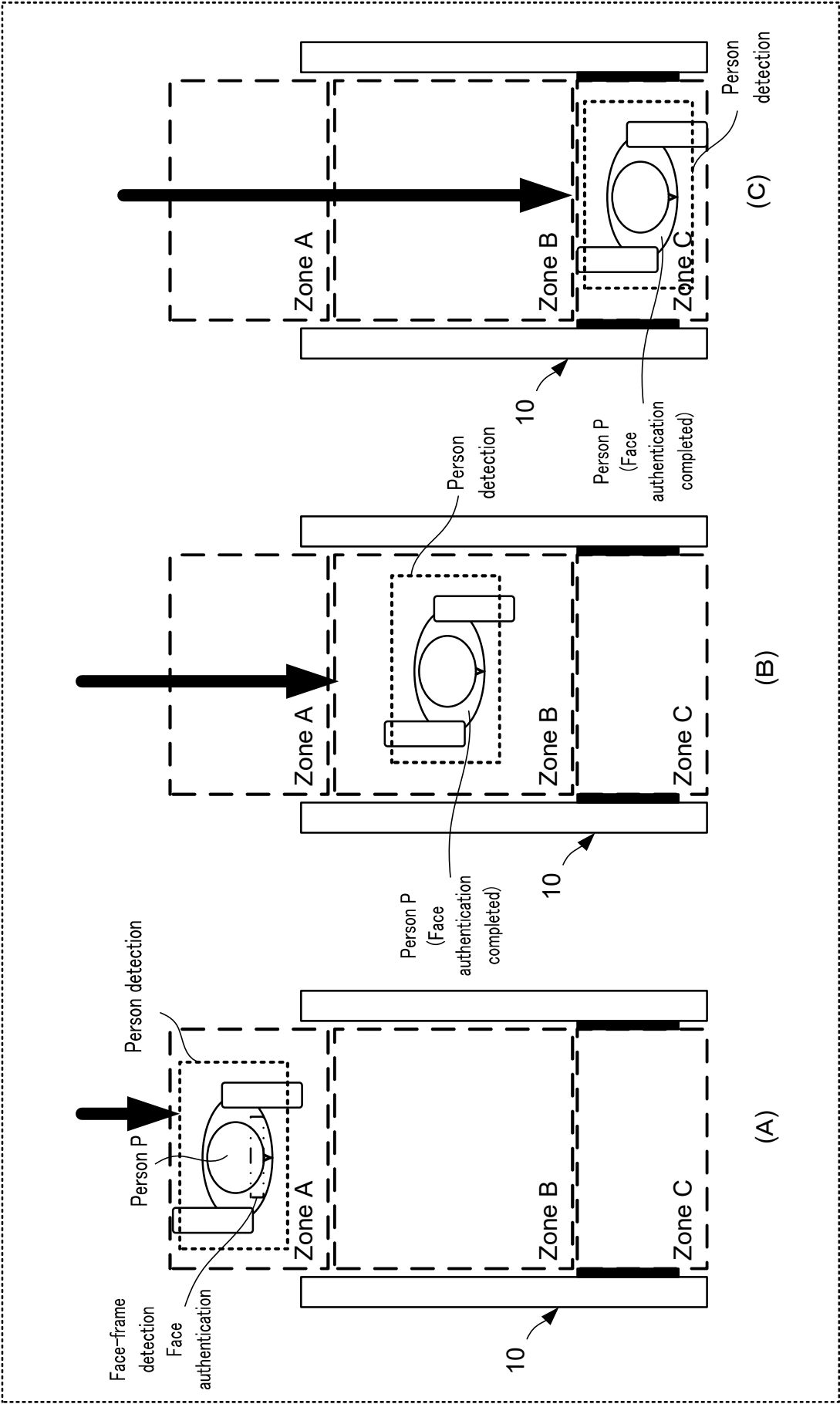


FIG. 20

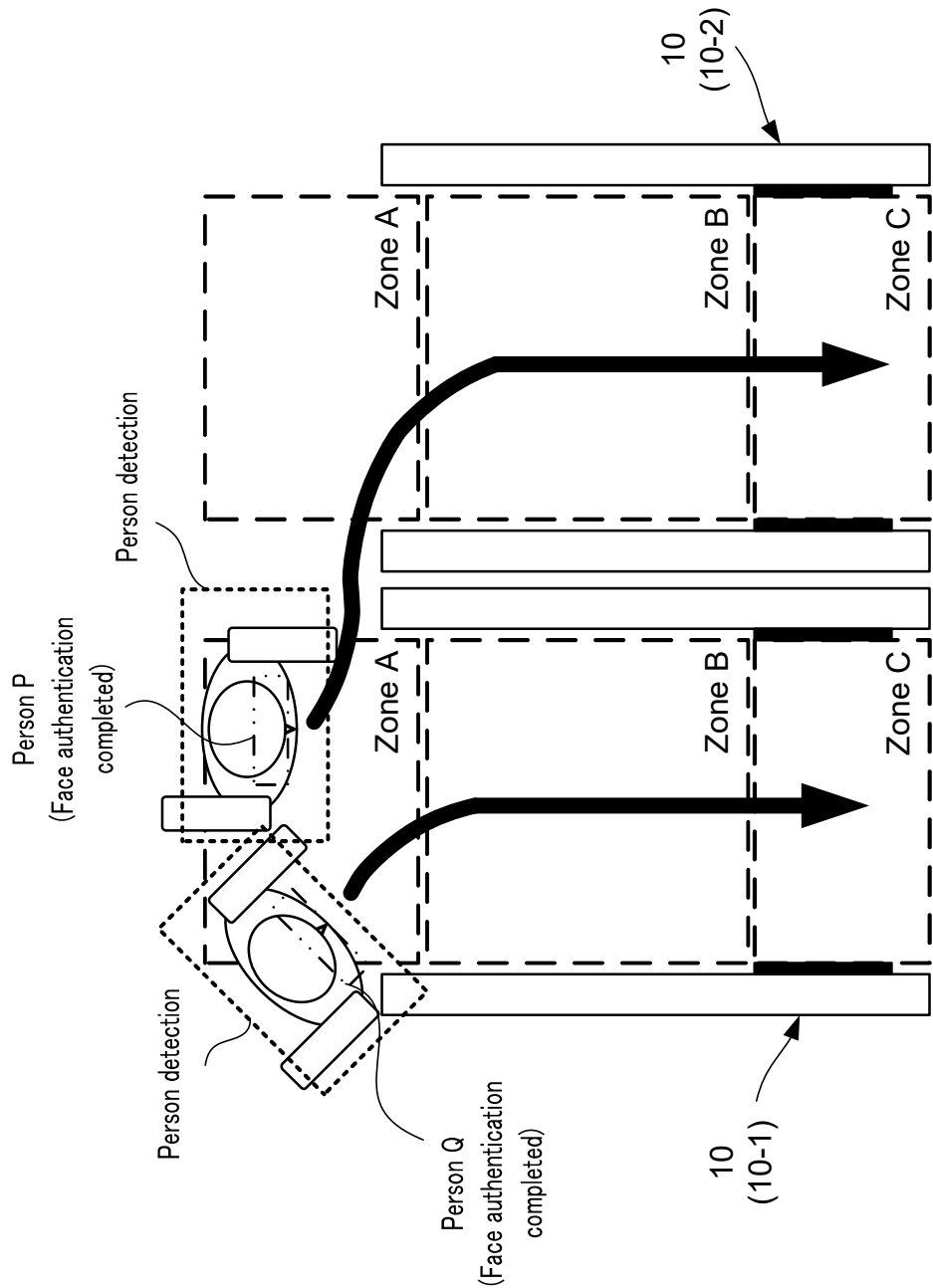


FIG. 21