

FIG. 1

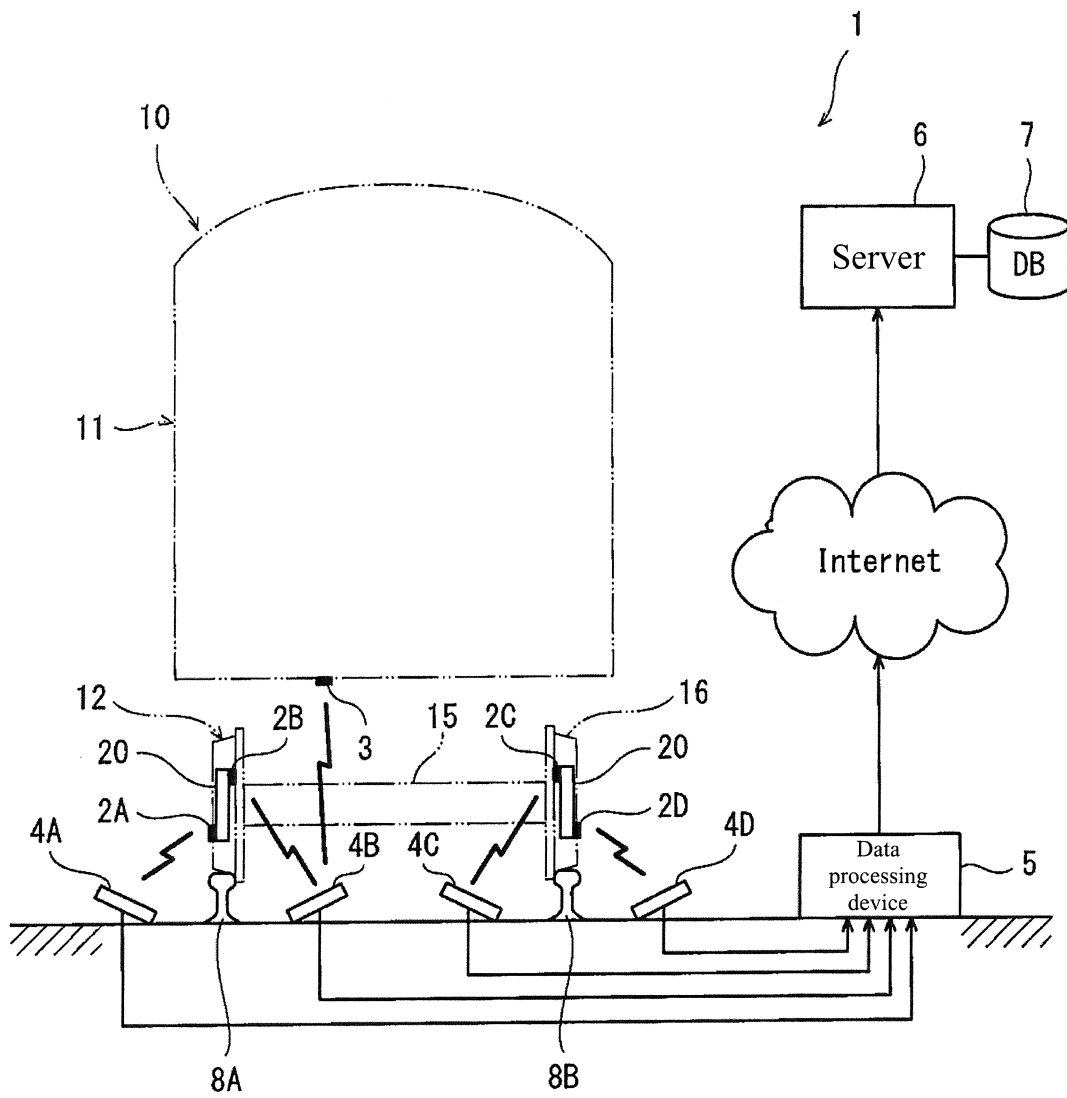


FIG. 2

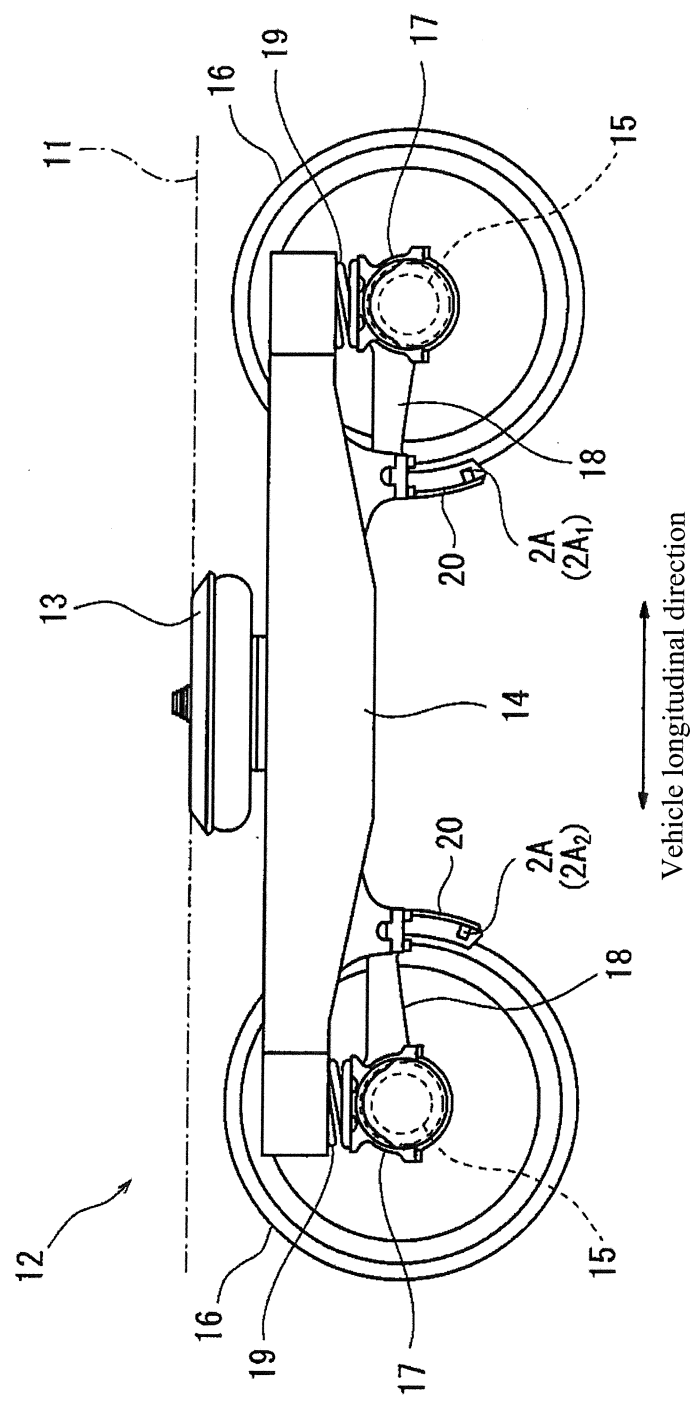


FIG. 3

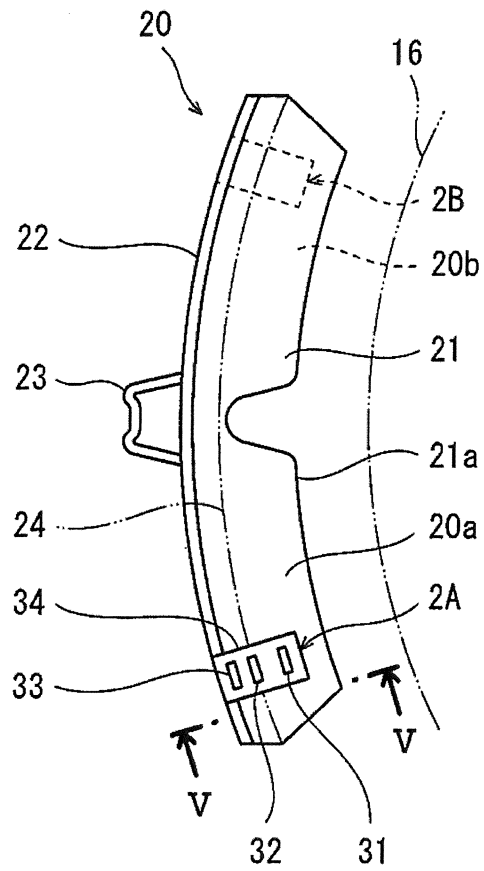


FIG. 4

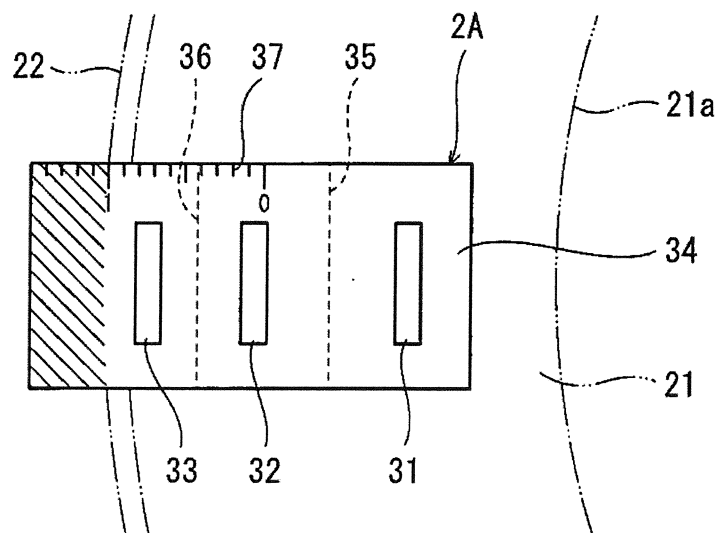


FIG. 5

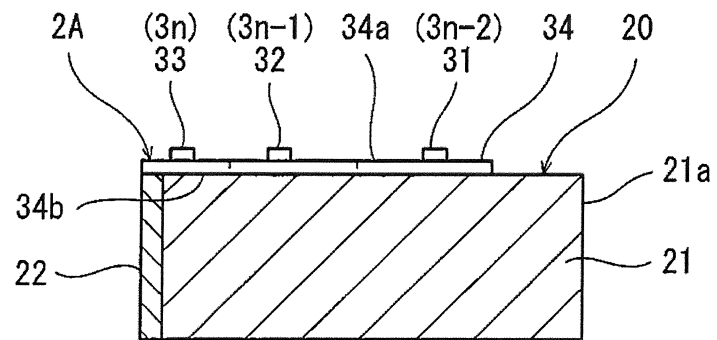


FIG. 6

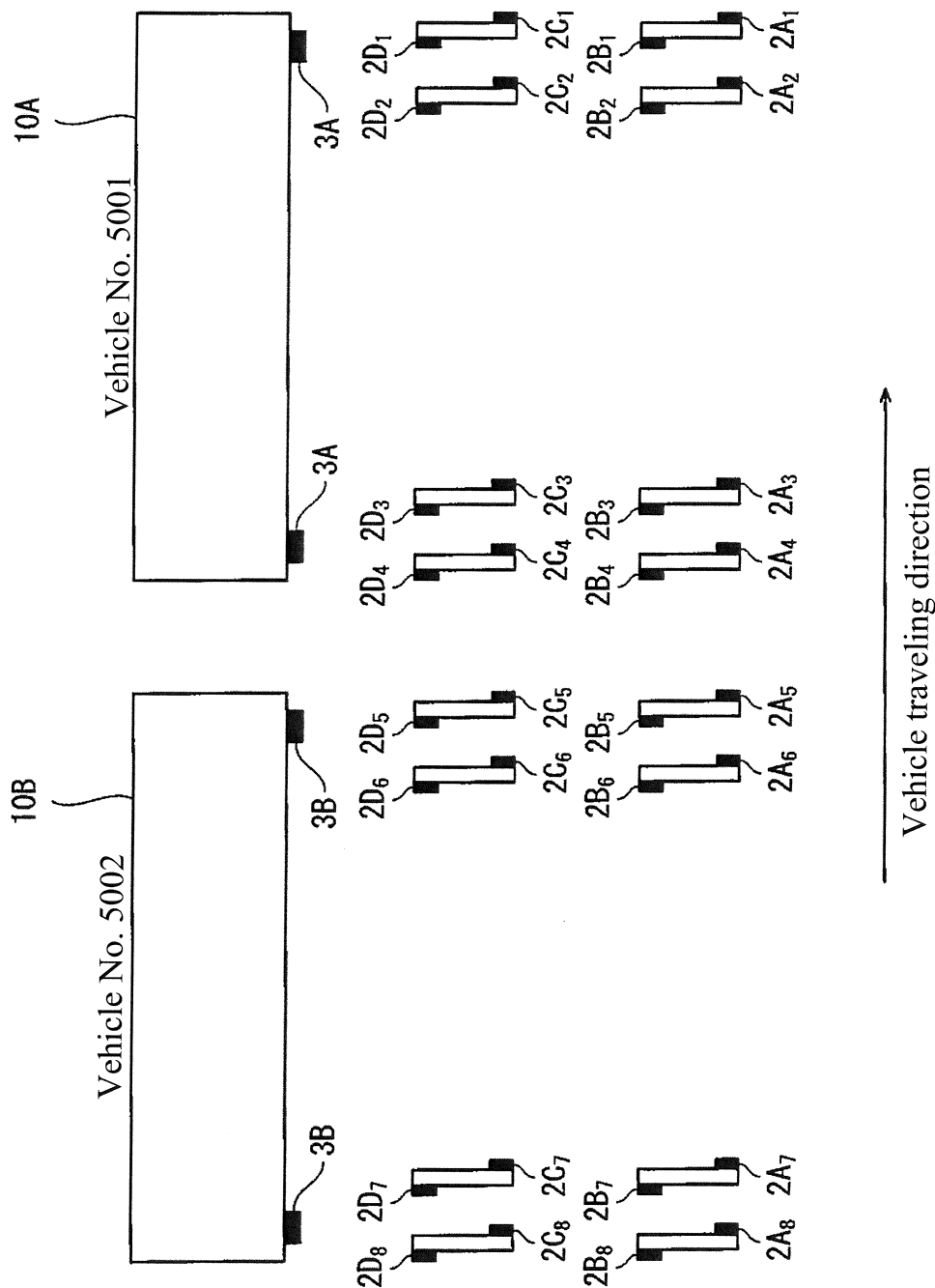


FIG. 7

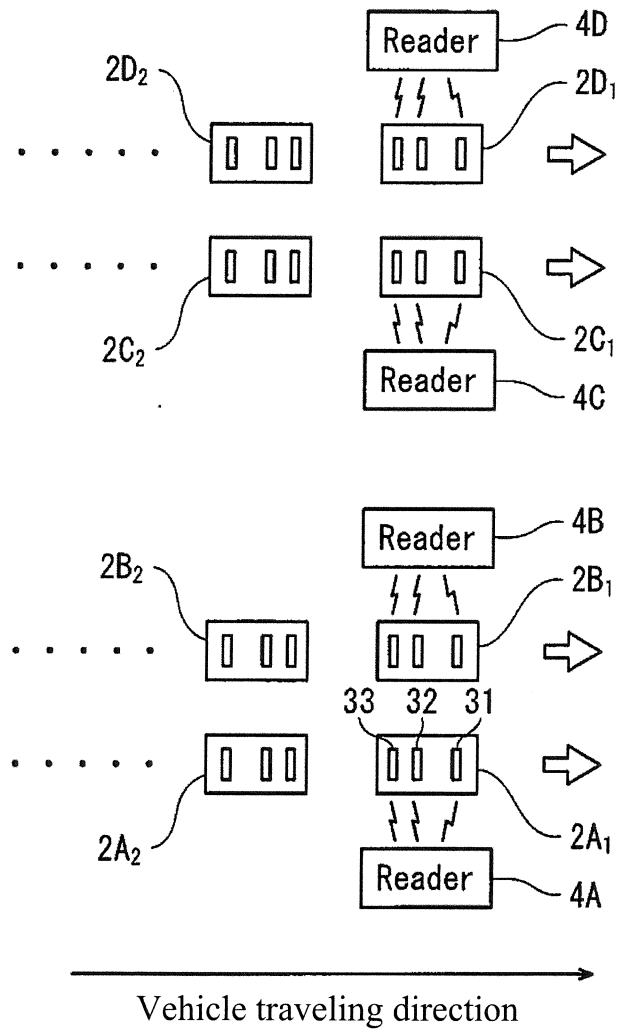


FIG. 8

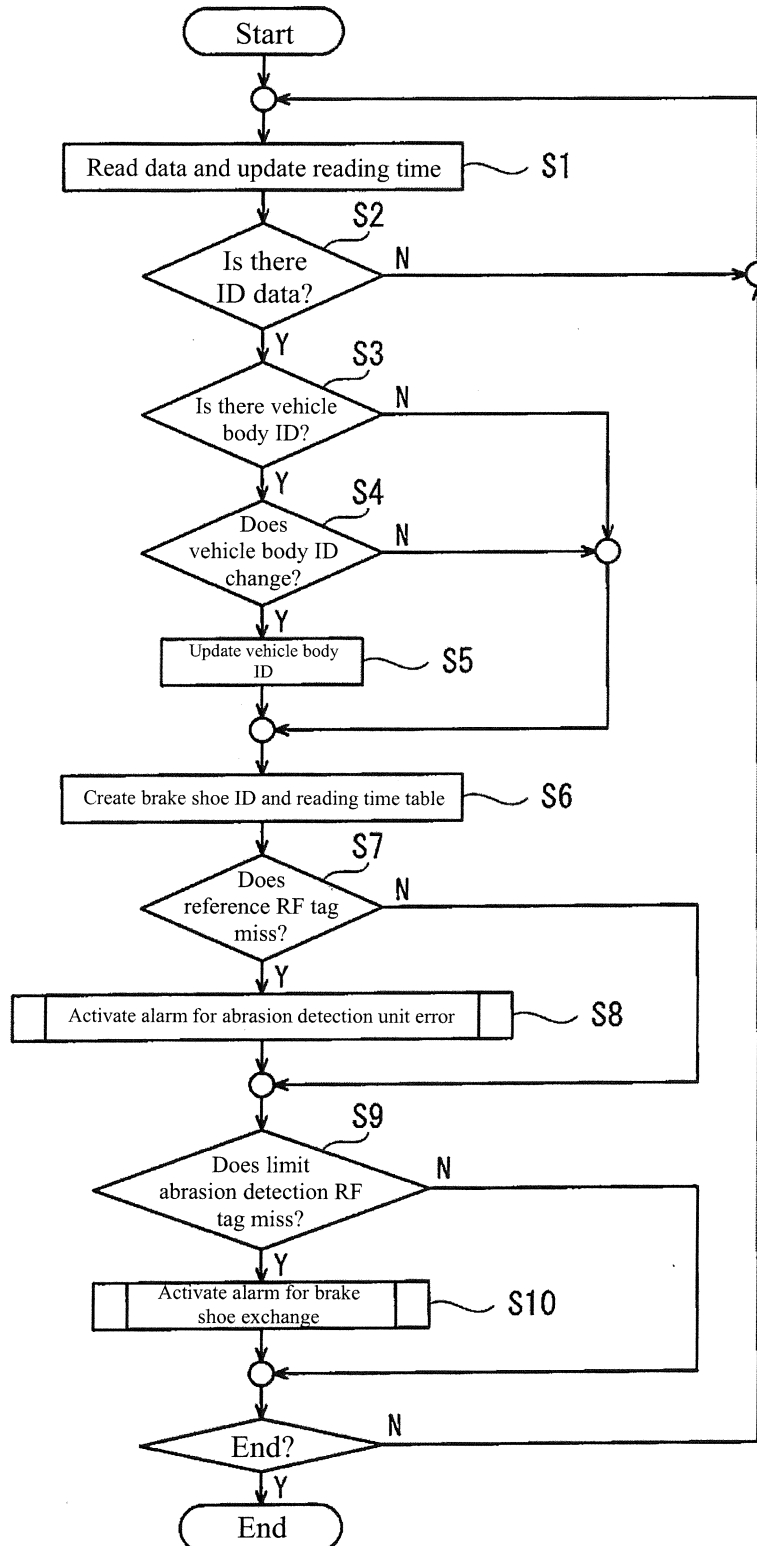


FIG. 9

(Axle position)			First axle	Second axle	Third axle	Fourth axle
Vehicle ID			5001	5001	5001	5001
Brake shoe RF tag ID	2A	31	1	13	25	—
		32	2	14	26	—
		33	3	15	27	—
	2B	31	4	16	28	40
		32	5	17	29	41
		33	6	18	30	42
	2C	31	7	19	31	43
		32	8	20	32	44
		33	9	21	33	45
	2D	31	10	22	34	46
		32	11	23	35	47
		33	12	24	36	48
Reading time			A	A+1	A+2	A+3

50

X₁

(Axle position)			First axle	Second axle	Third axle	Fourth axle
Vehicle ID			5002	5002	5002	5002
Brake shoe RF tag ID	2A	31	49	—	73	—
		32	50	62	74	—
		33	51	63	75	87
	2B	31	52	—	76	—
		32	53	65	77	—
		33	54	66	78	90
	2C	31	55	67	—	—
		32	56	68	80	—
		33	57	69	81	93
	2D	31	58	70	82	—
		32	59	71	83	—
		33	60	72	84	96
Reading time			B	B+2	B+4	B+6

X₂

FIG. 10

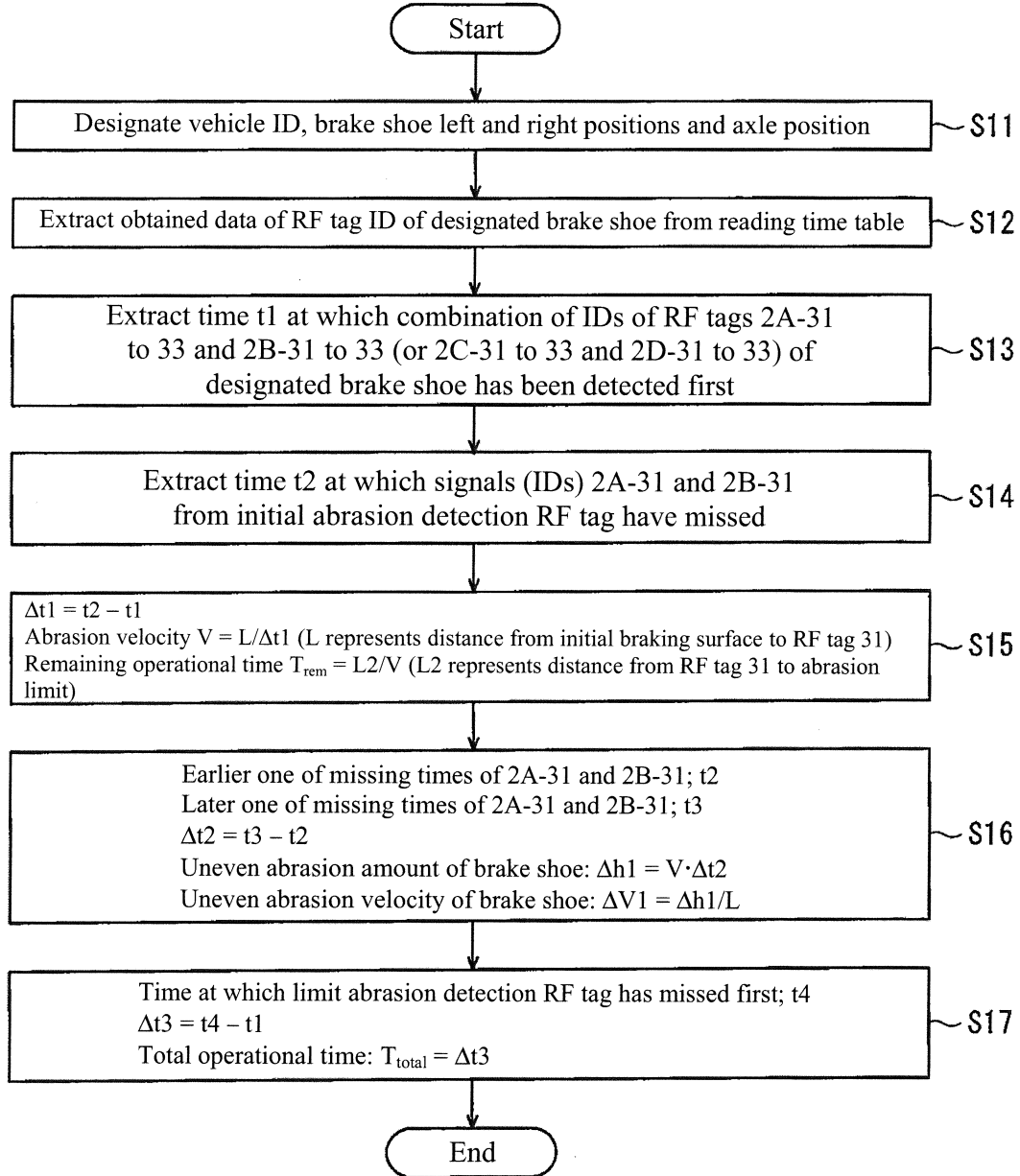


FIG. 11

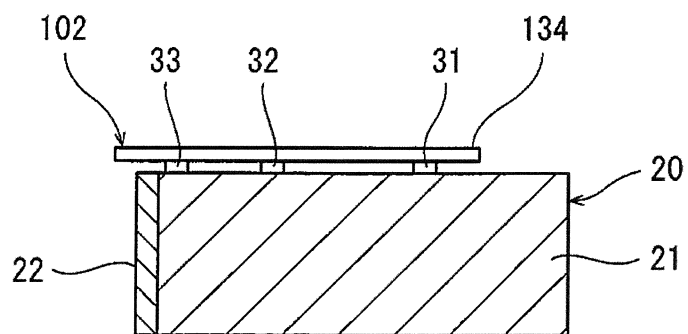


FIG. 12

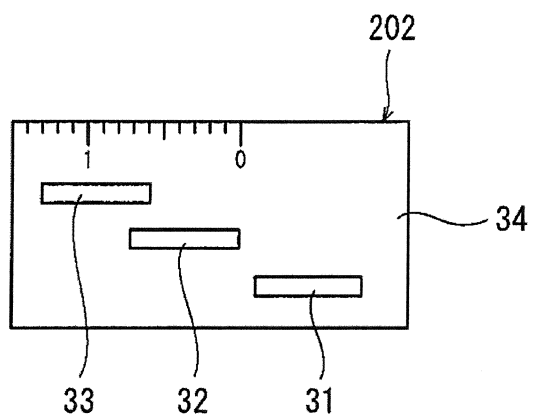


FIG. 13

