

FIG.1

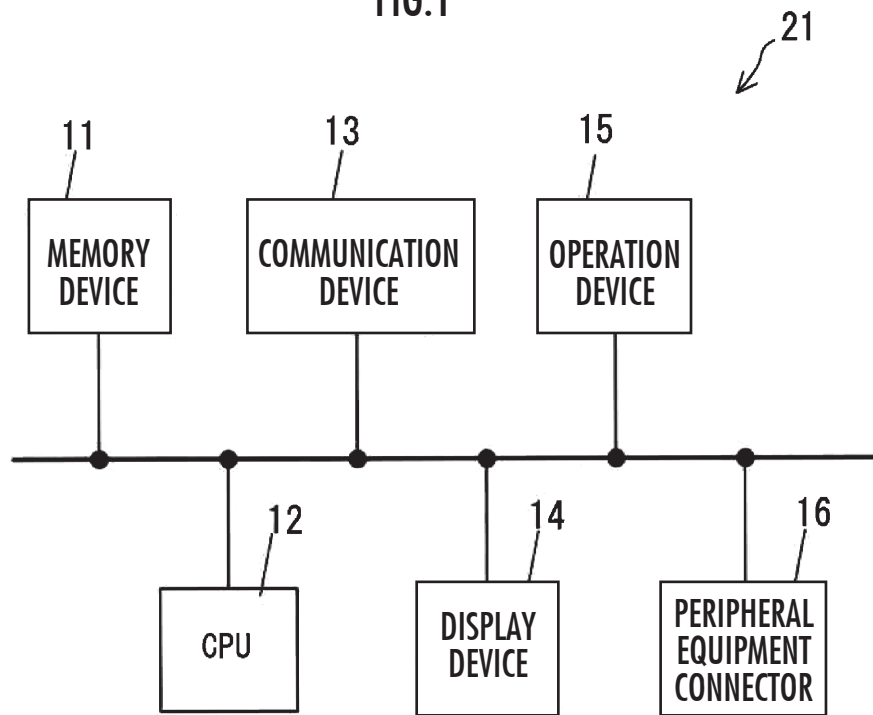


FIG. 2

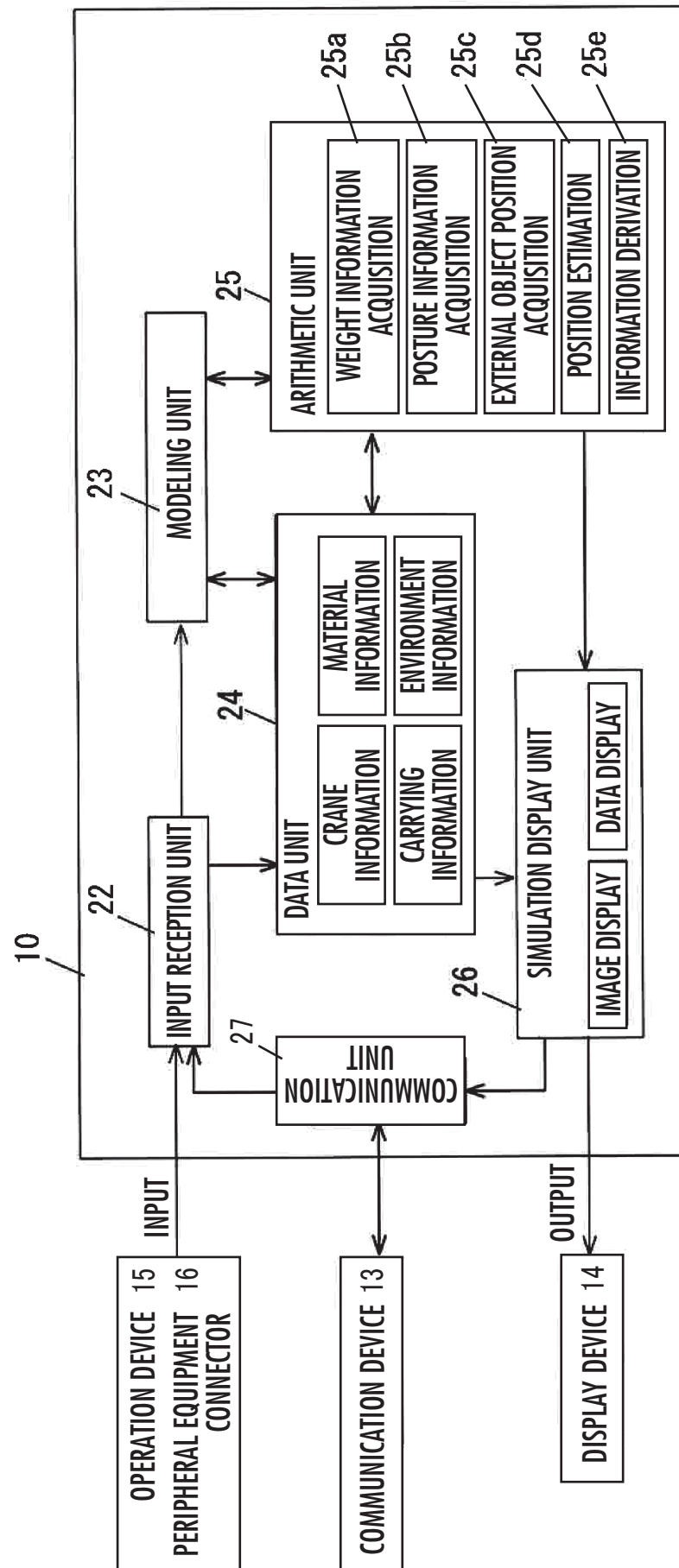


FIG.5

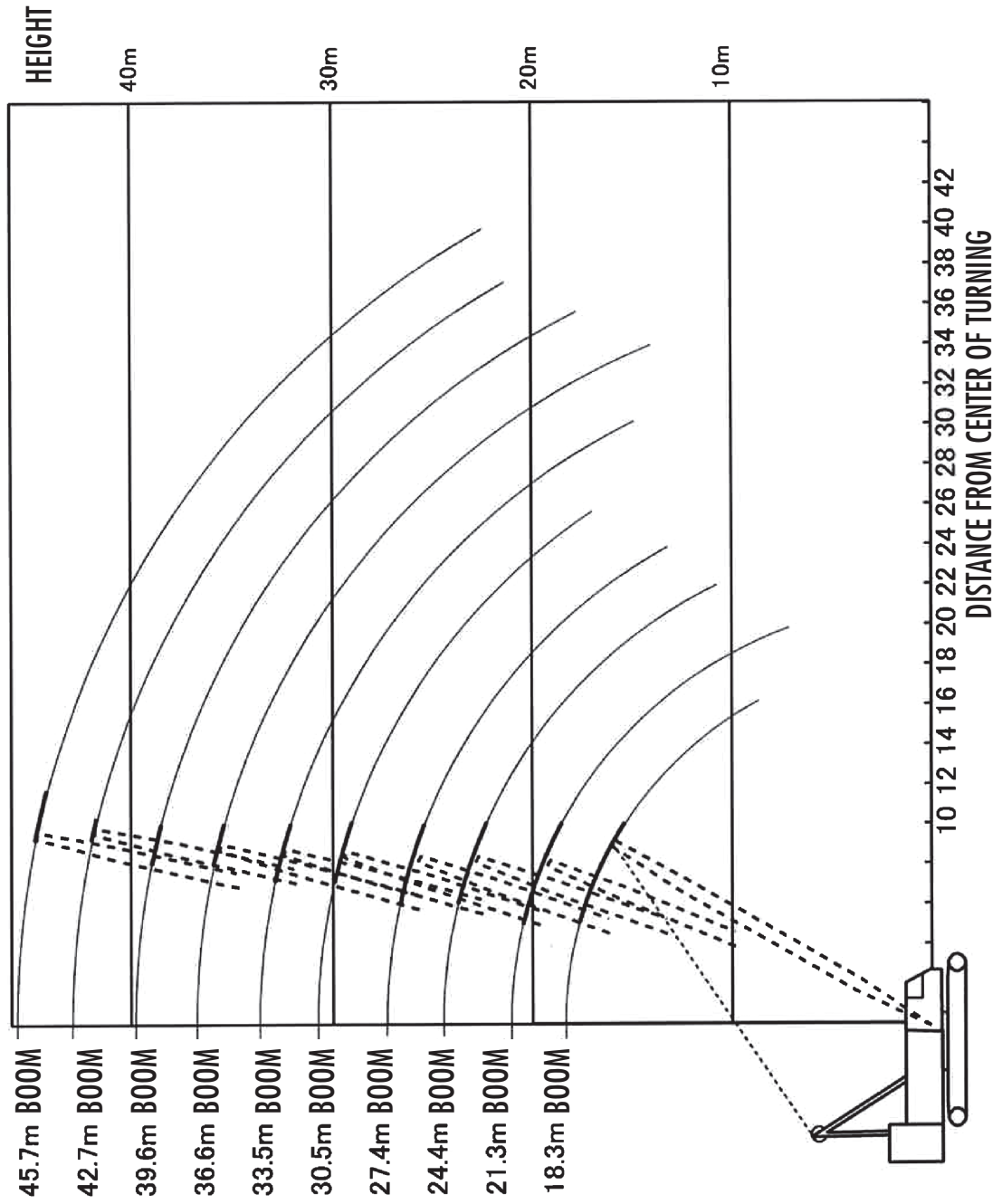


FIG.6

WORKING RADIUS(m)	BOOM LENGTH (m)											
	18 . 3	21 . 3	24 . 4	27 . 4	30 . 5	33 . 5	36 . 6	39 . 6	42 . 7	45 . 7		
5 . 0	200.0/5.0m	175.0/5.5m										
6 . 0	189 . 6	175 . 0	150.0/6.0m	150.0/6.6m								
7 . 0	163 . 9	163 . 5	150 . 0	150 . 0	125.0/7.1m	125.0/7.6m						
8 . 0	144 . 3	143 . 9	143 . 5	143 . 3	125 . 0	125 . 0	100.0/8.2m	100.0/8.7m				
9 . 0	128 . 8	128 . 4	128 . 0	127 . 8	125 . 0	123 . 1	100 . 0	100 . 0	98.8/9.2m	87.5/9.7m		
10 . 0	116 . 3	115 . 8	115 . 5	115 . 2	114 . 8	114 . 6	100 . 0	100 . 0	96 . 7	87 . 5		
12 . 0	90 . 6	90 . 4	90 . 2	90 . 0	89 . 8	89 . 6	89 . 6	89 . 4	89 . 2	85 . 3		
14 . 0	73 . 0	72 . 7	72 . 5	72 . 3	72 . 1	71 . 9	71 . 8	71 . 6	71 . 4	71 . 3		
16 . 0	61 . 0	60 . 7	60 . 4	60 . 2	60 . 0	59 . 8	59 . 7	59 . 4	59 . 2	59 . 1		
18 . 0	52.9/17.4m	51 . 9	51 . 6	51 . 4	51 . 2	50 . 9	50 . 8	50 . 5	50 . 3	50 . 2		
20 . 0		45 . 3	45 . 0	44 . 7	44 . 5	44 . 2	44 . 1	43 . 8	43 . 6	43 . 4		
22 . 0		45.1/20.1m	39 . 7	39 . 5	39 . 2	39 . 0	38 . 8	38 . 5	38 . 3	38 . 1		
24 . 0			38.2/22.7m	35 . 3	35 . 0	34 . 7	34 . 6	34 . 3	34 . 0	33 . 9		
26 . 0				32.9/25.4m	31 . 5	31 . 2	31 . 1	30 . 8	30 . 5	30 . 3		
28 . 0					28.6/28.0m	28 . 3	28 . 2	27 . 8	27 . 6	27 . 4		
30 . 0						25 . 9	25 . 7	25 . 4	25 . 1	24 . 9		
32 . 0						25.2/30.6m	23 . 6	23 . 2	23 . 0	22 . 8		
34 . 0							22.4/33.3m	21 . 4	21 . 1	20 . 9		
36 . 0								19.9/35.9m	19 . 5	19 . 3		
38 . 0									18 . 1	17 . 9		
40 . 0									17.8/38.6m	16 . 6		
42 . 0										15.9/41.2m		

UNIT : t

FIG.8

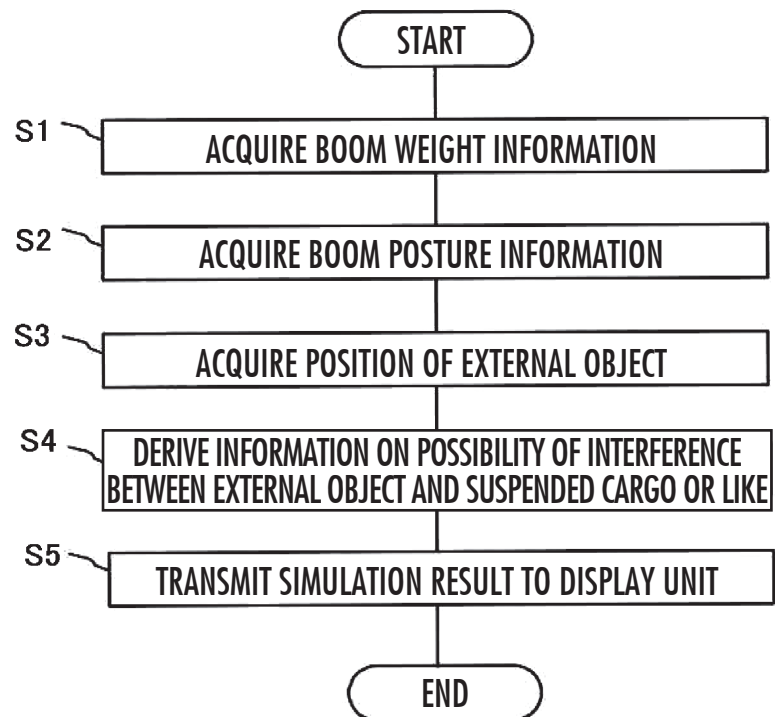


FIG.9

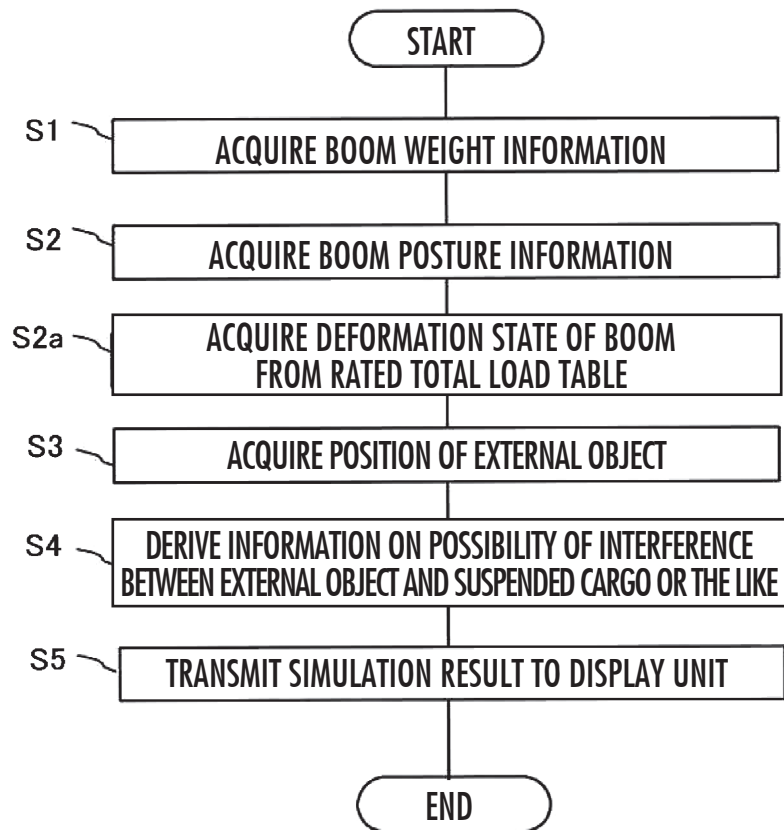


FIG.10

