

FIG.1

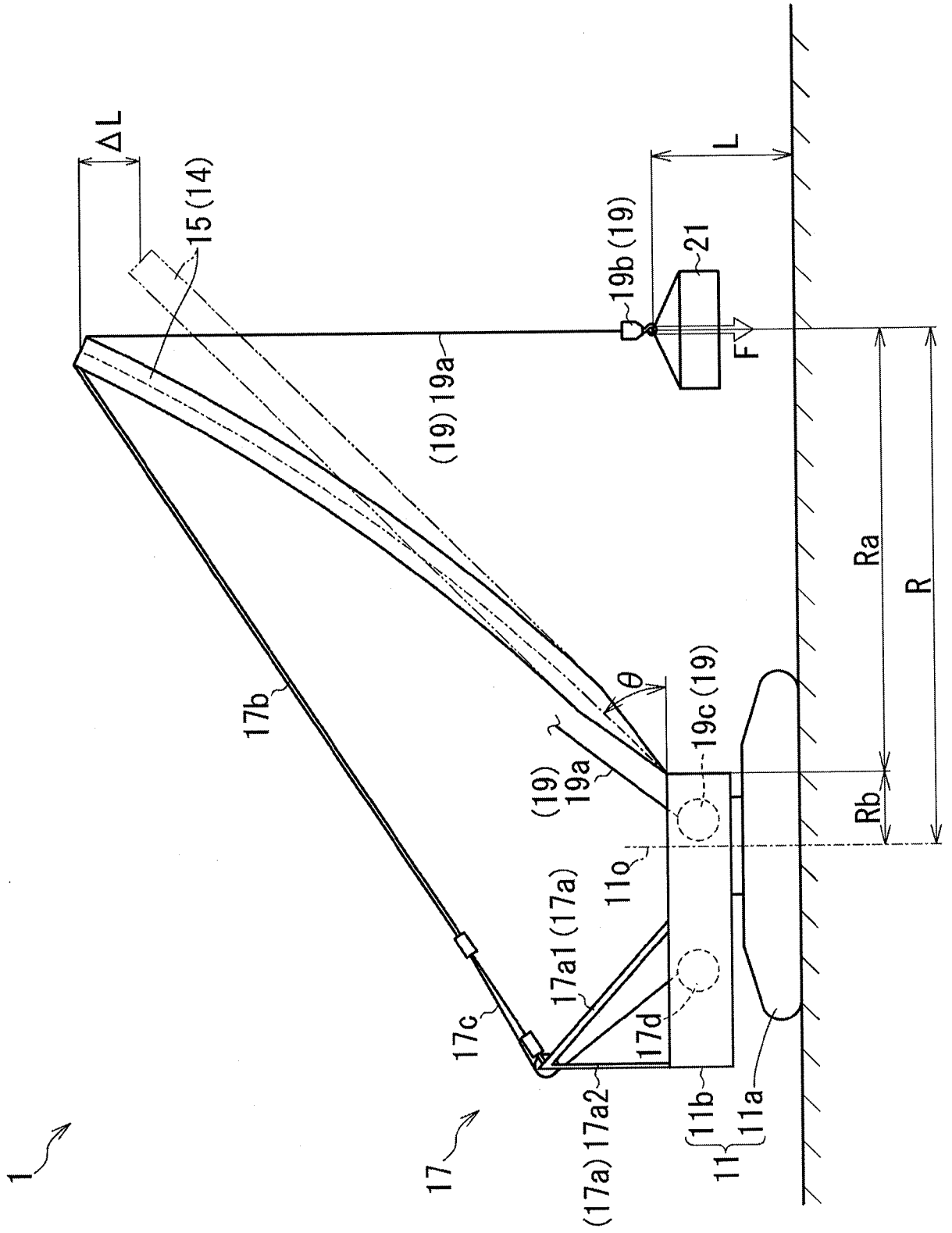


FIG.2

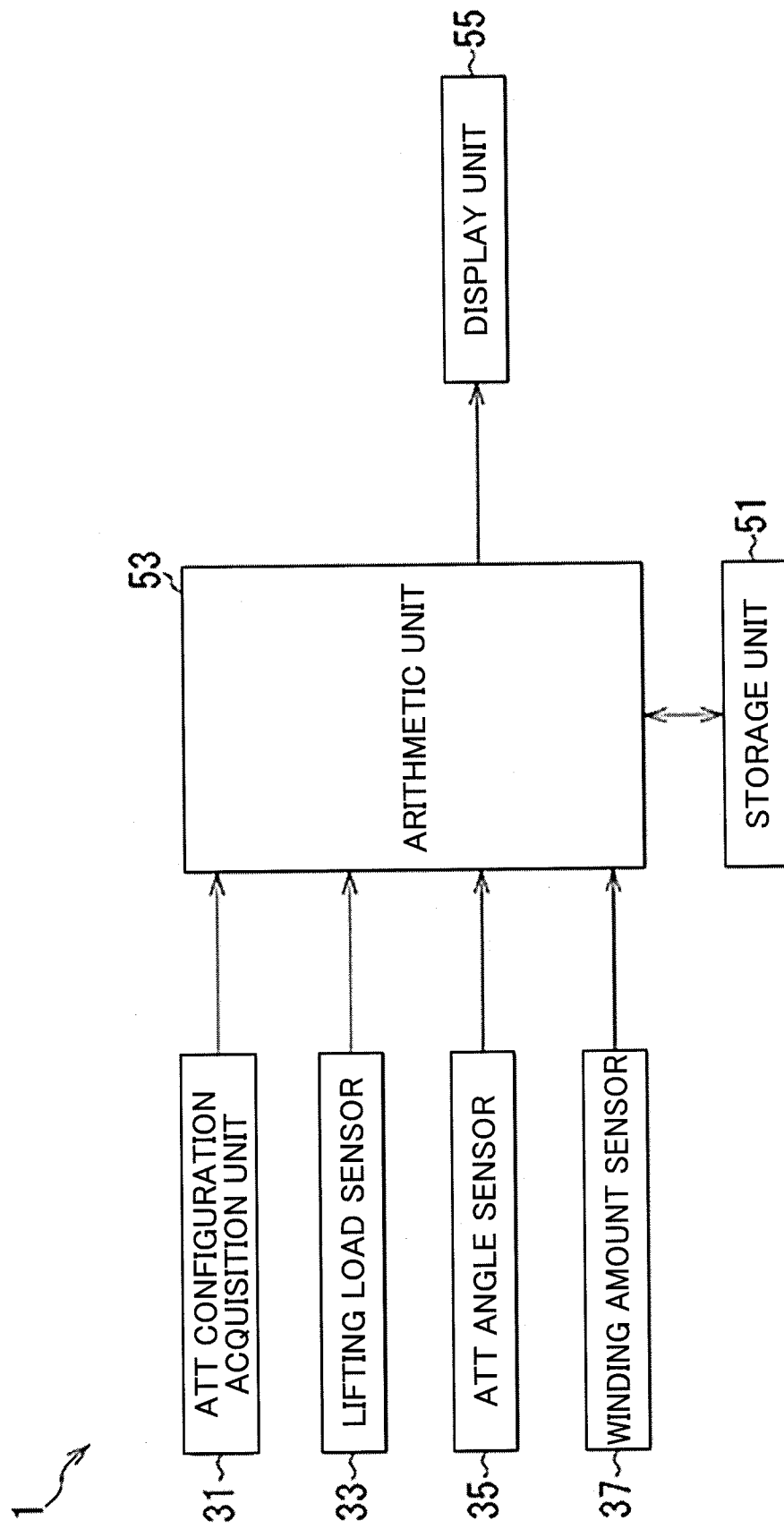


FIG.3

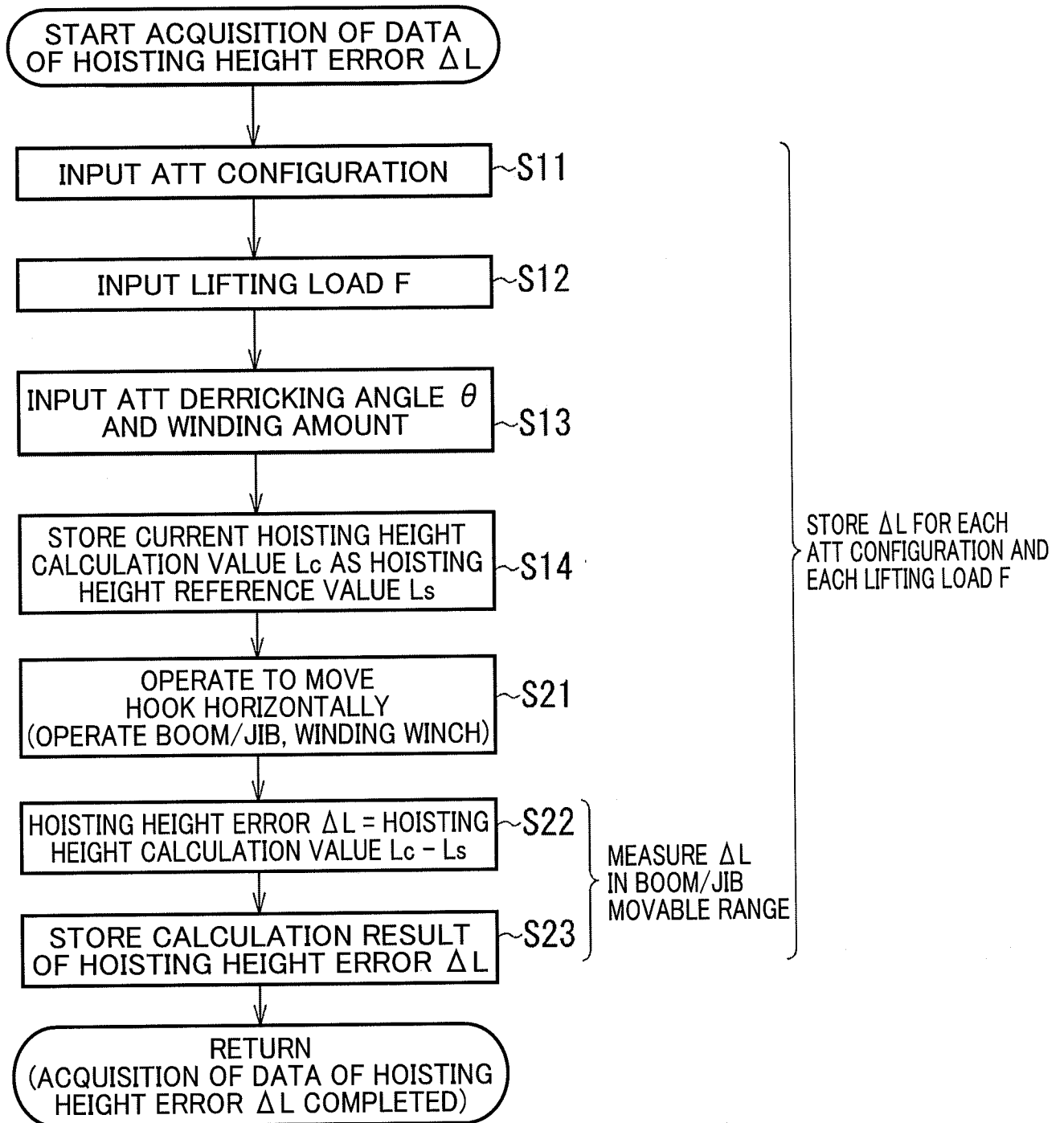


FIG.4

ATT: FIRST CONFIGURATION

	LIFTING LOAD F	BOOM ANGLE θ		
		$\theta 1$	$\theta 2$	θn
HOISTING HEIGHT ERROR ΔL	F1	A1_L1_F1	A1_L2_F1	A1_Ln_F1
	F2	A1_L1_F2	A1_L2_F2	A1_Ln_F2
	:	:	:	:
	Fn	A1_L1_Fn	A1_L2_Fn	A1_Ln_Fn

ATT: SECOND CONFIGURATION

	LIFTING LOAD F	BOOM ANGLE θ		
		$\theta 1$	$\theta 2$	θn
HOISTING HEIGHT ERROR ΔL	F1	A2_L1_F1	A2_L2_F1	A2_Ln_F1
	F2	A2_L1_F2	A2_L2_F2	A2_Ln_F2
	:	:	:	:
	Fn	A2_L1_Fn	A2_L2_Fn	A2_Ln_Fn

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FIG.5

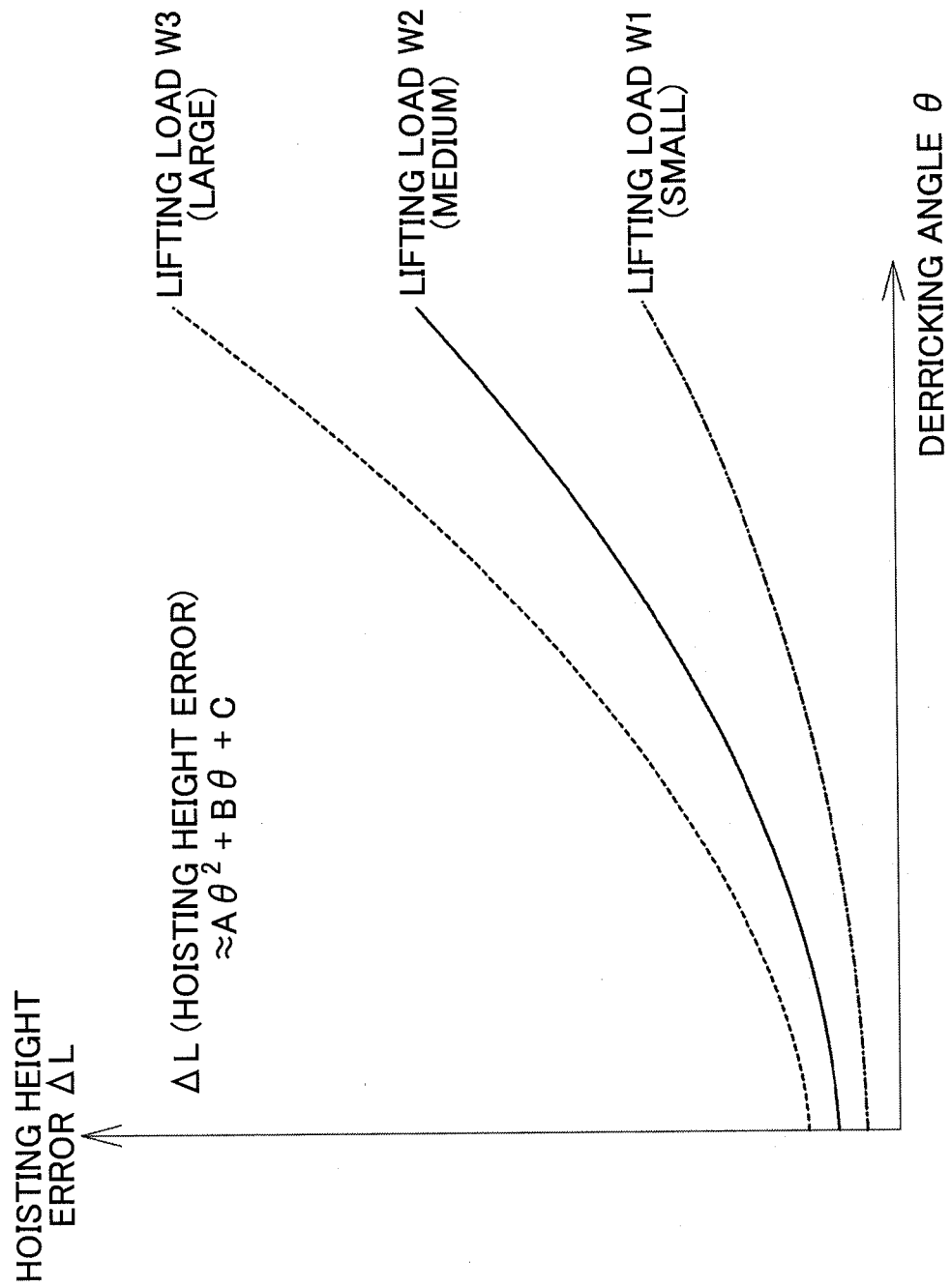


FIG.6

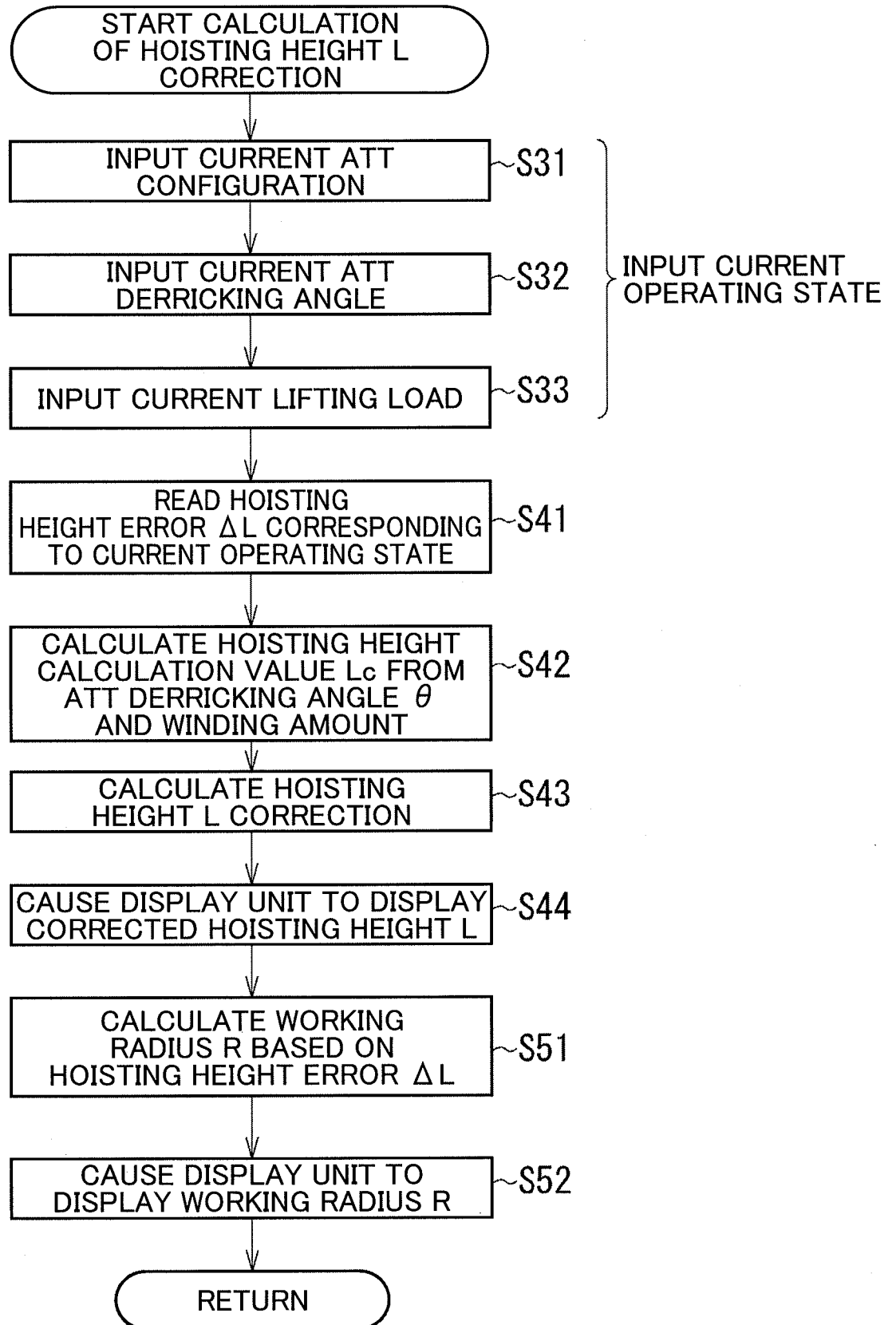


FIG.7

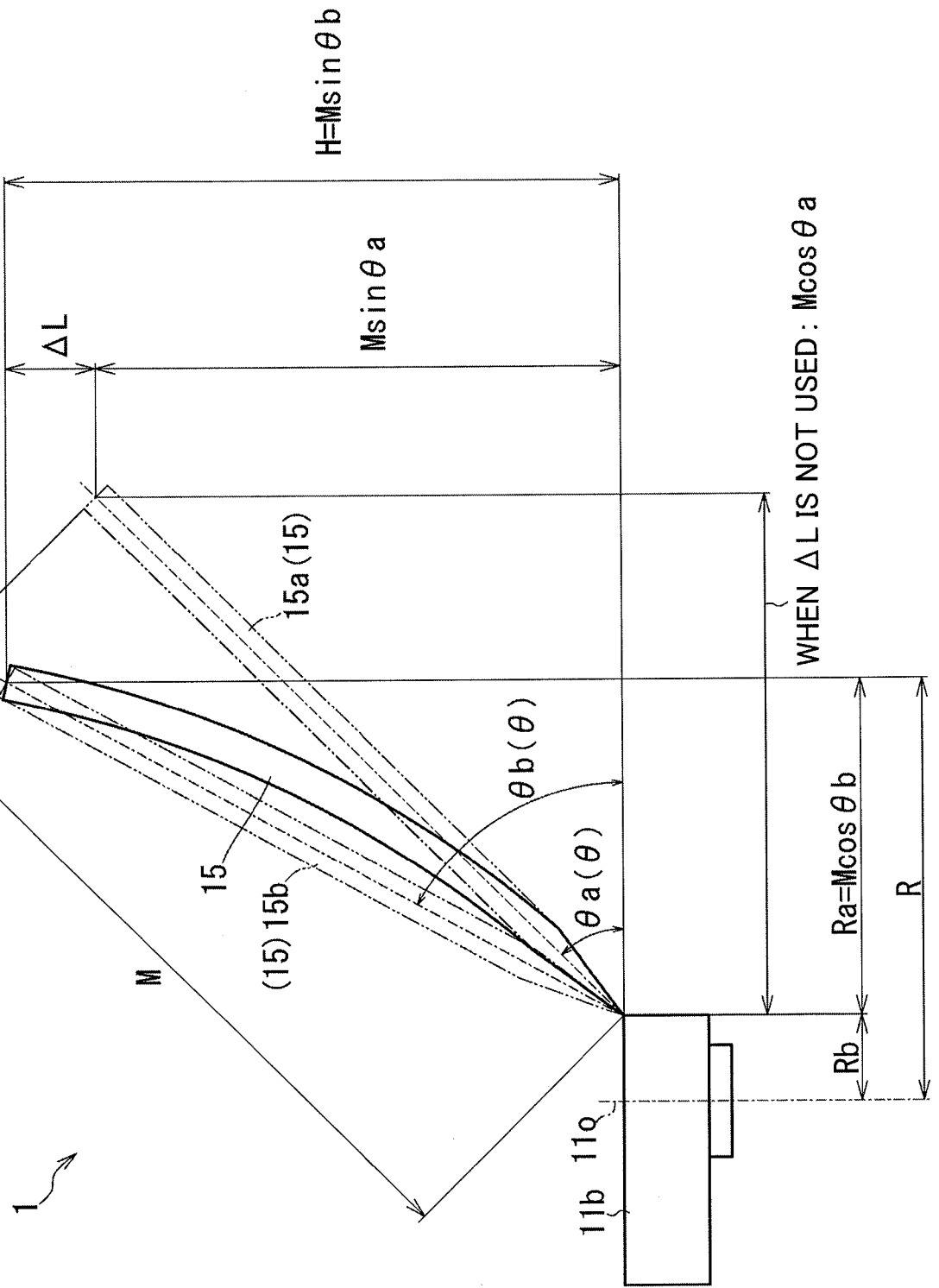


FIG. 8

