

FIG. 1

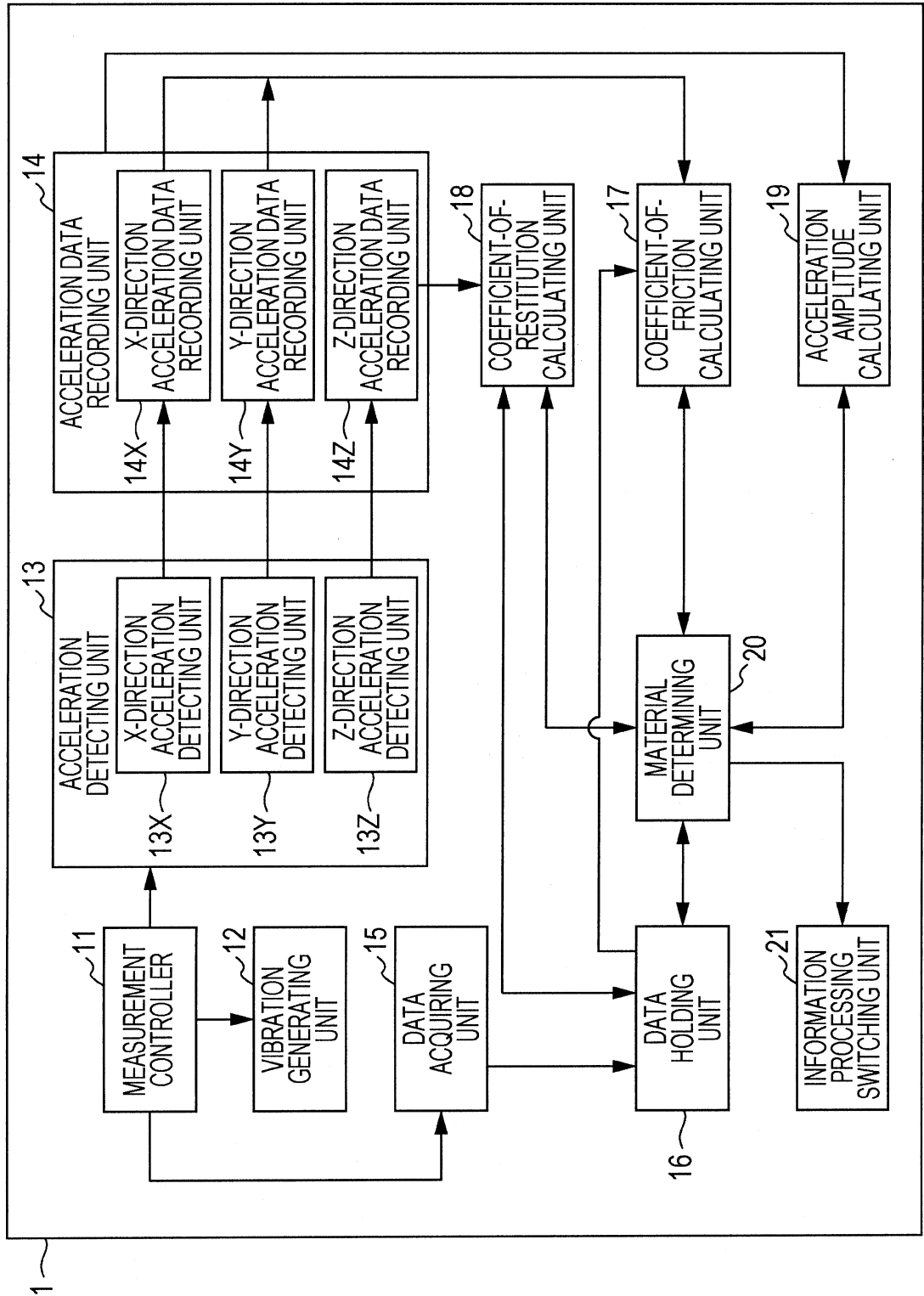


FIG. 2

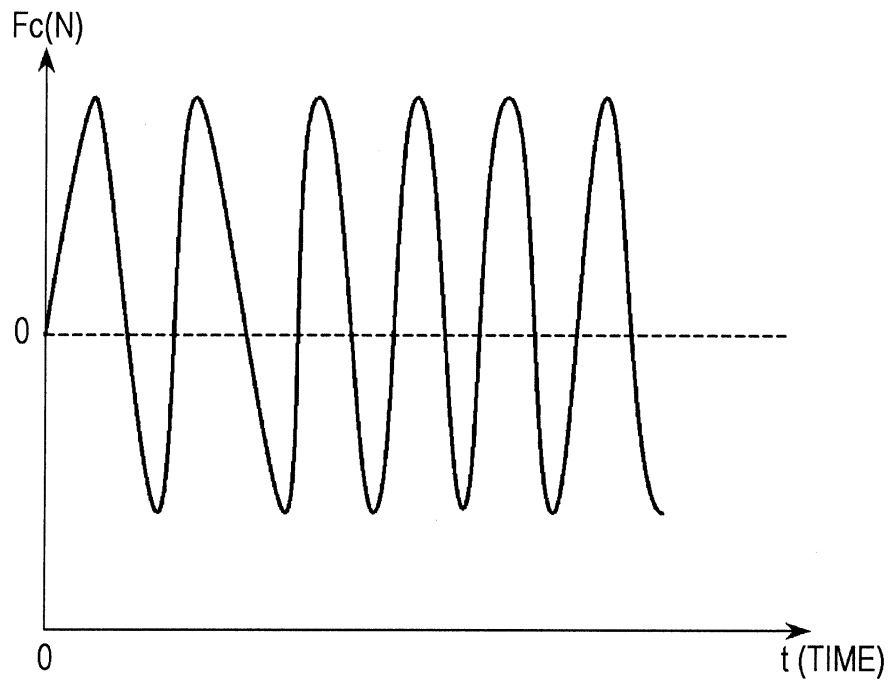


FIG. 3

MATERIAL ID	DESCRIPTION ABOUT MATERIAL	COEFFICIENT OF FRICTION	COEFFICIENT OF RESTITUTION
0001	CARPET	μ_{A1} TO μ_{A2}	e_{A1} TO e_{A2}
0002	PLASTIC	μ_{B1} TO μ_{B2}	e_{B1} TO e_{B2}
0003	DASHBOARD	μ_{C1} TO μ_{C2}	e_{C1} TO e_{C2}

FIG. 4A

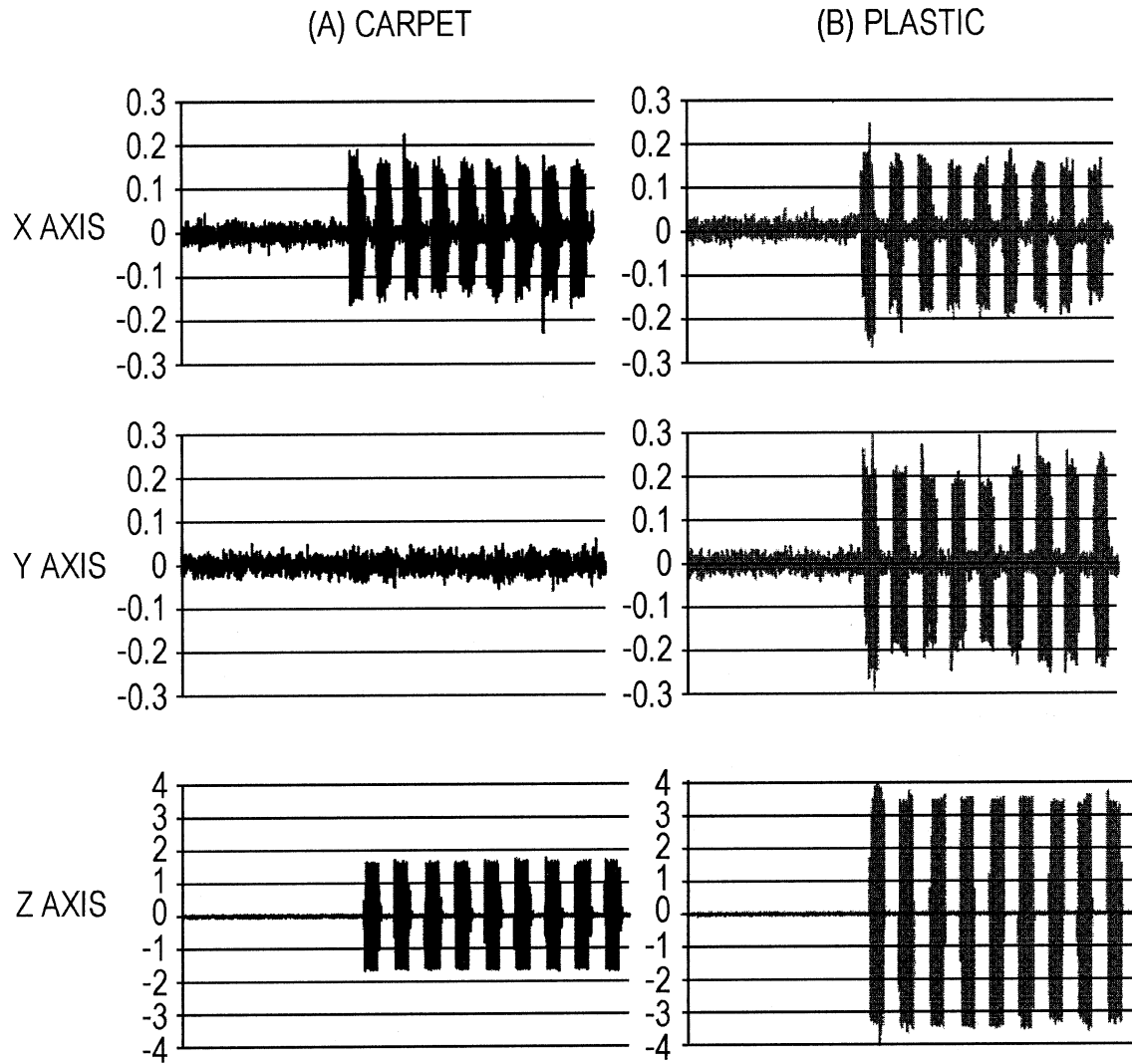


FIG. 4B

MATERIAL ID	DESCRIPTION ABOUT MATERIAL	X-DIRECTION ACCELERATION AMPLITUDE	X-DIRECTION ACCELERATION AMPLITUDE	Z-DIRECTION ACCELERATION AMPLITUDE
0001	CARPET	A _{a1} TO A _{a2}	A _{b1} TO A _{b2}	A _{c1} TO A _{c2}
0002	PLASTIC	A _{a3} TO A _{a4}	A _{b3} TO A _{b4}	A _{c3} TO A _{c4}
0003	DASHBOARD	A _{a5} TO A _{a6}	A _{b5} TO A _{b6}	A _{c5} TO A _{c6}

FIG. 4C

MATERIAL ID	DESCRIPTION ABOUT MATERIAL	XY-PLANE ACCELERATION AMPLITUDE	XY-PLANE ACCELERATION VARIATIONS	Z-DIRECTION ACCELERATION AMPLITUDE
0001	CARPET	A_{d1} TO A_{d2}	σ_1 TO σ_2	A_{c1} TO A_{c2}
0002	PLASTIC	A_{d3} TO A_{d4}	σ_3 TO σ_4	A_{c3} TO A_{c4}
0003	DASHBOARD	A_{d5} TO A_{d6}	σ_5 TO σ_6	A_{c5} TO A_{c6}

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FIG. 5

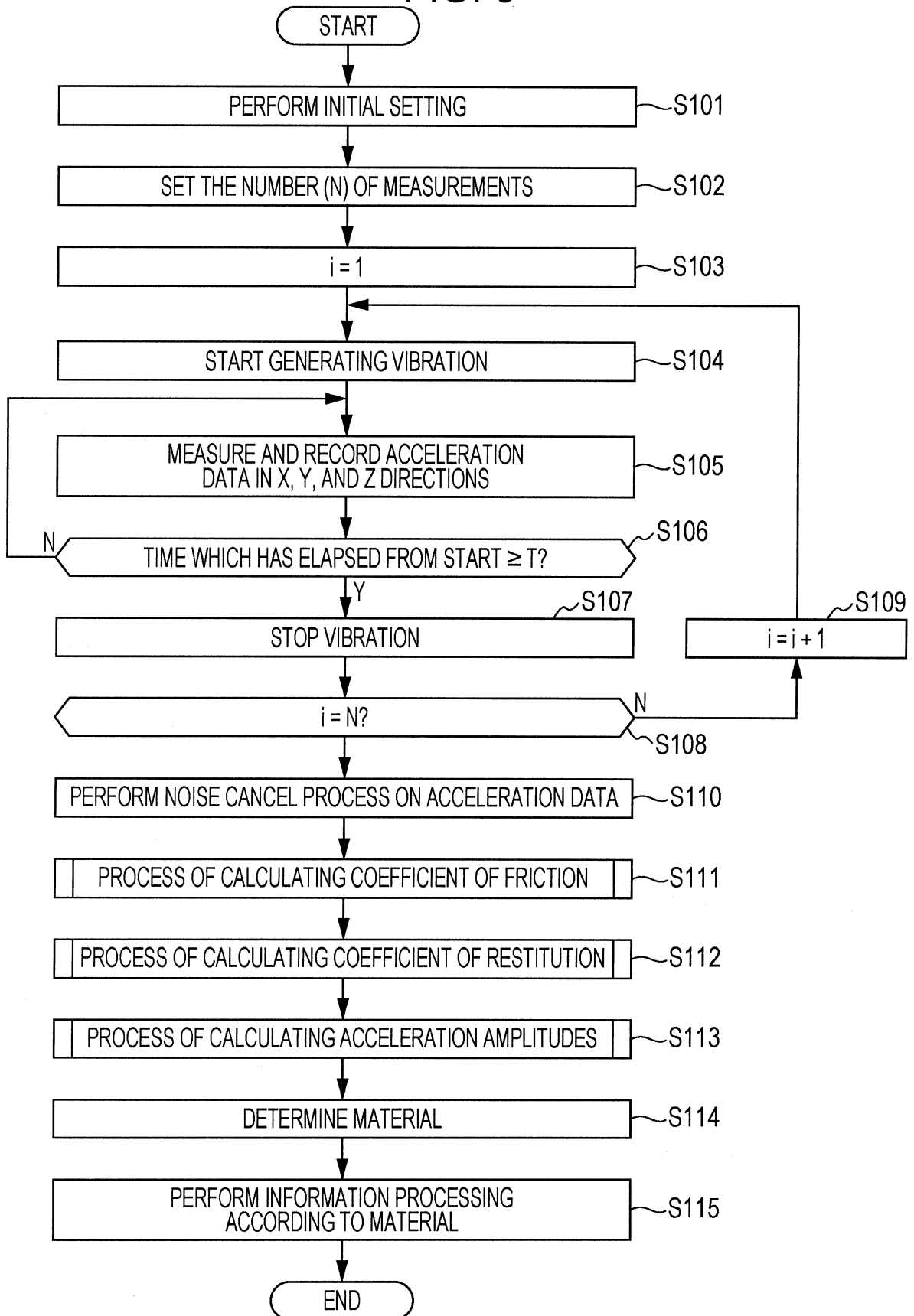


FIG. 6

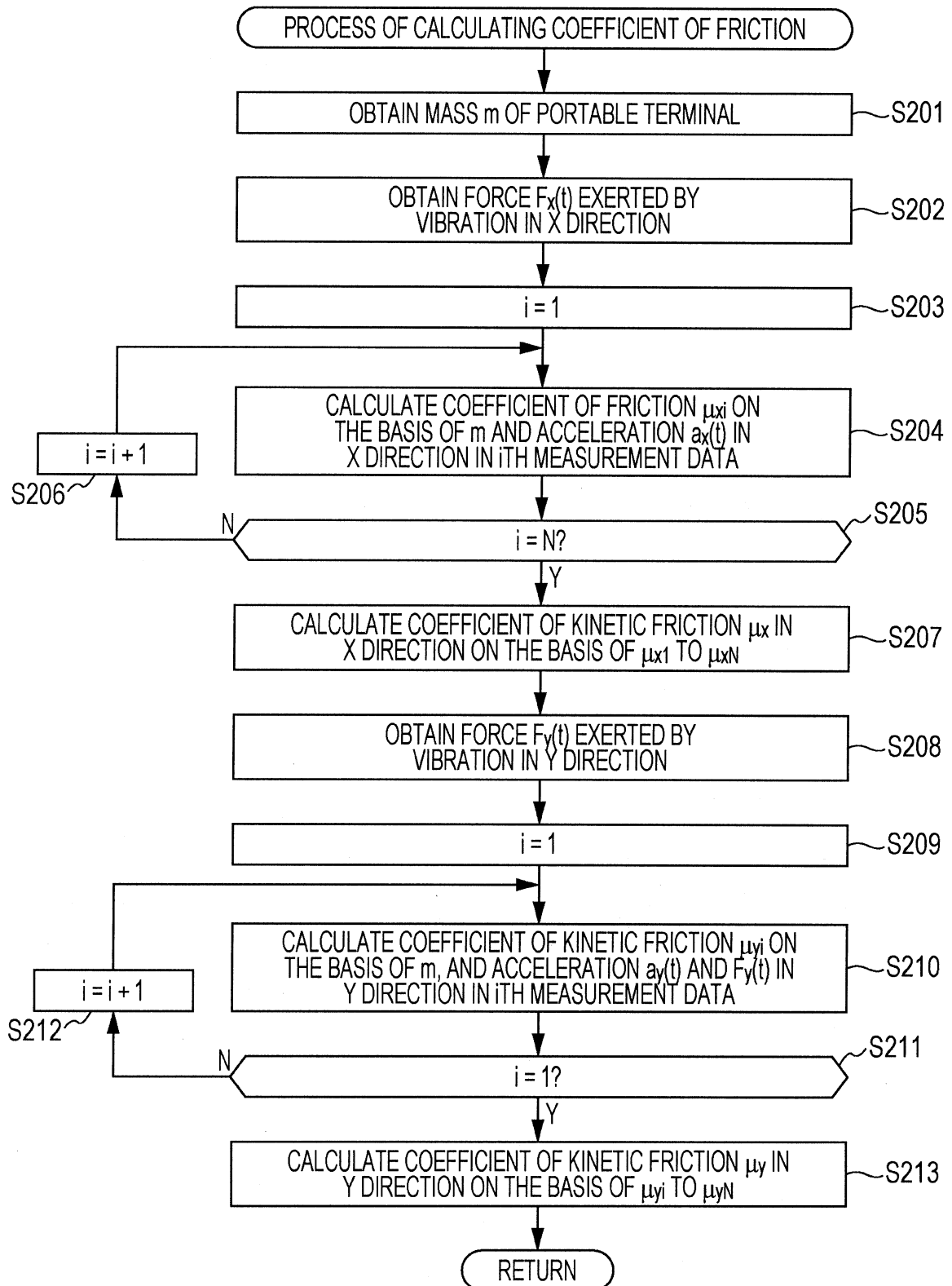


FIG. 7

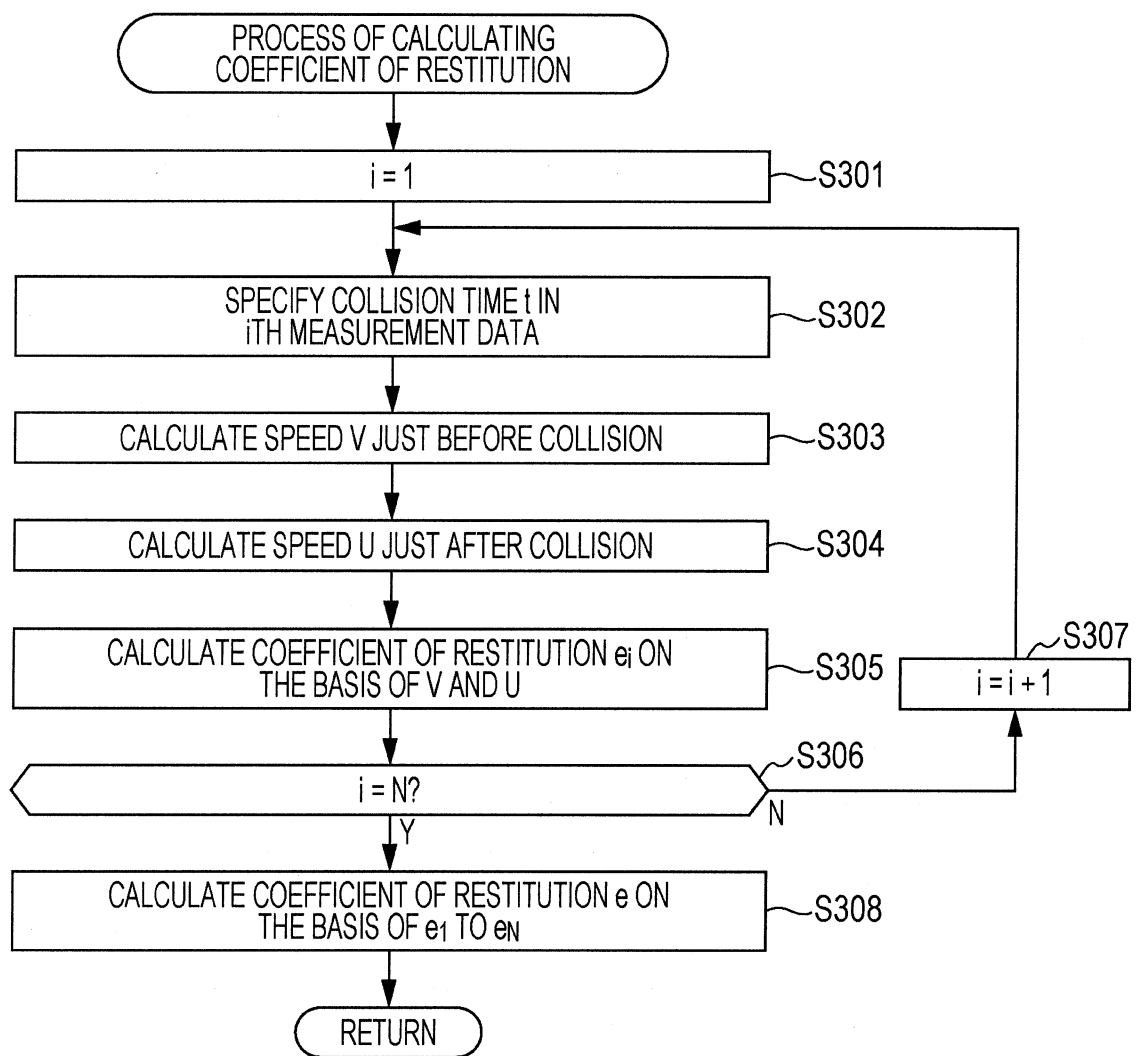


FIG. 8

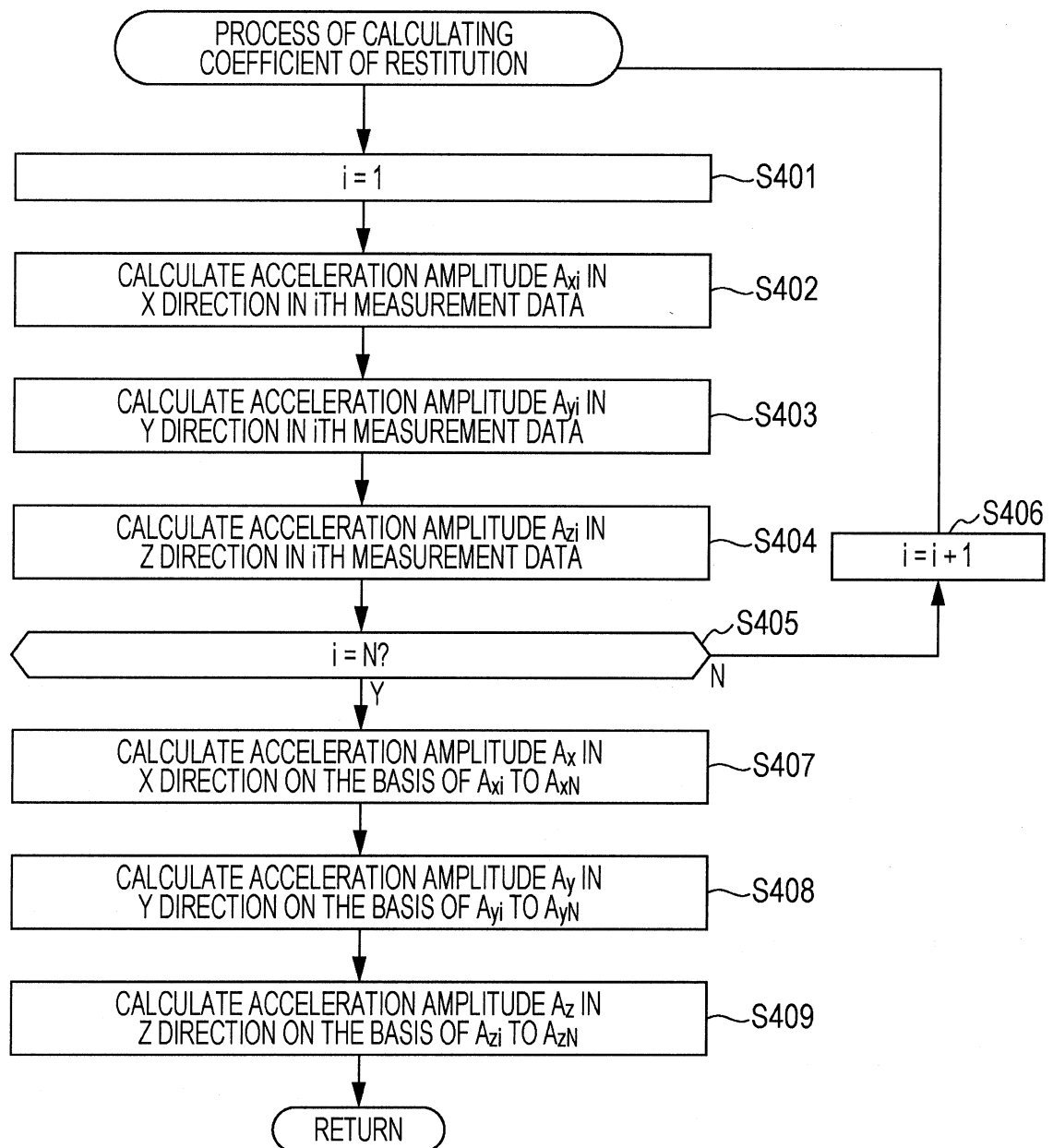


FIG. 9

