

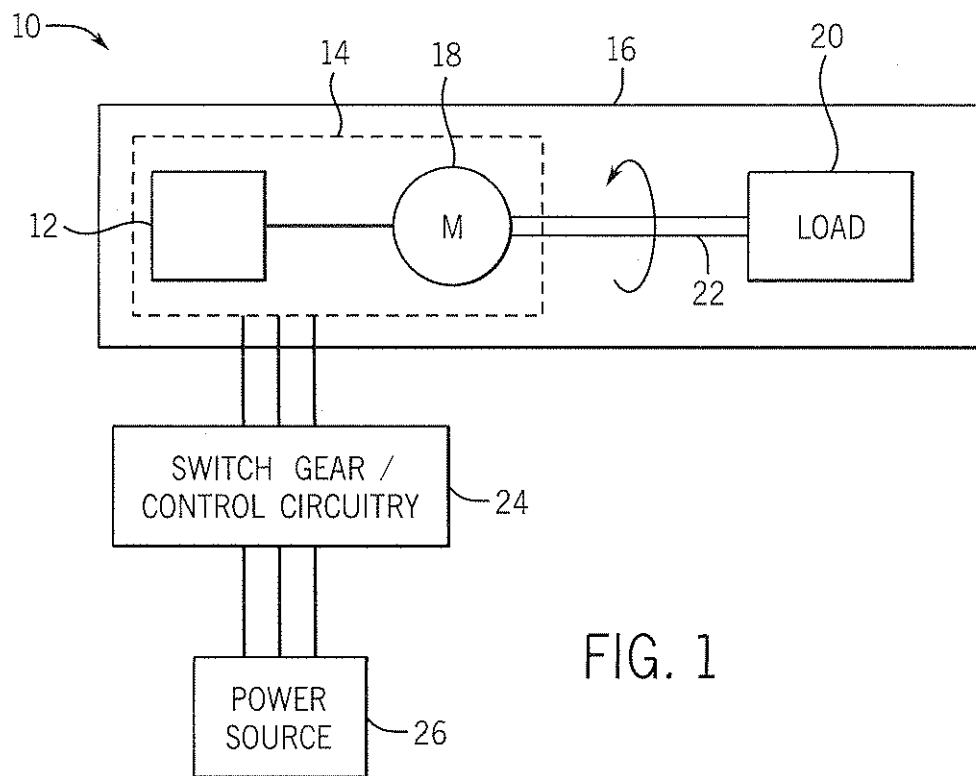


FIG. 1

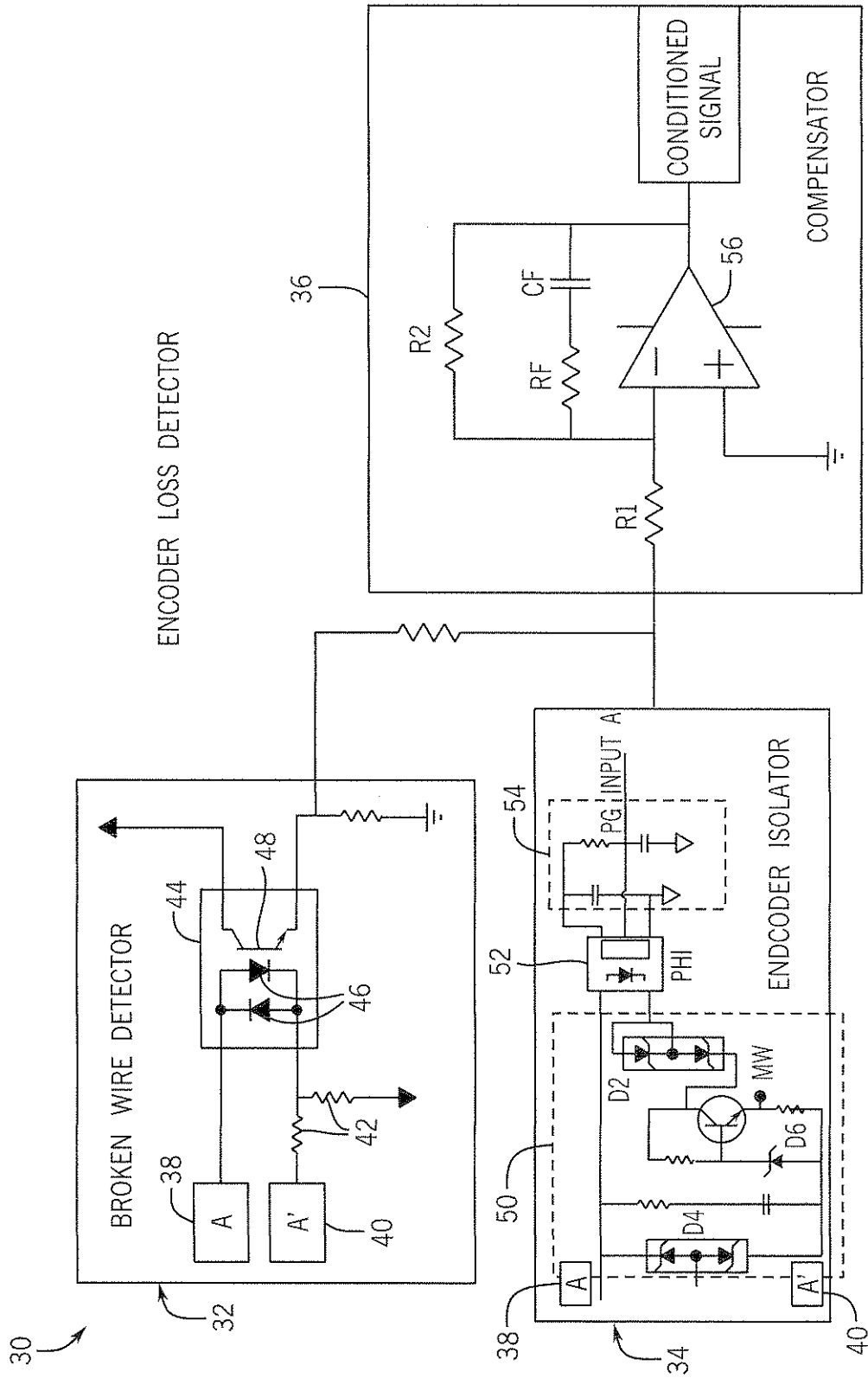
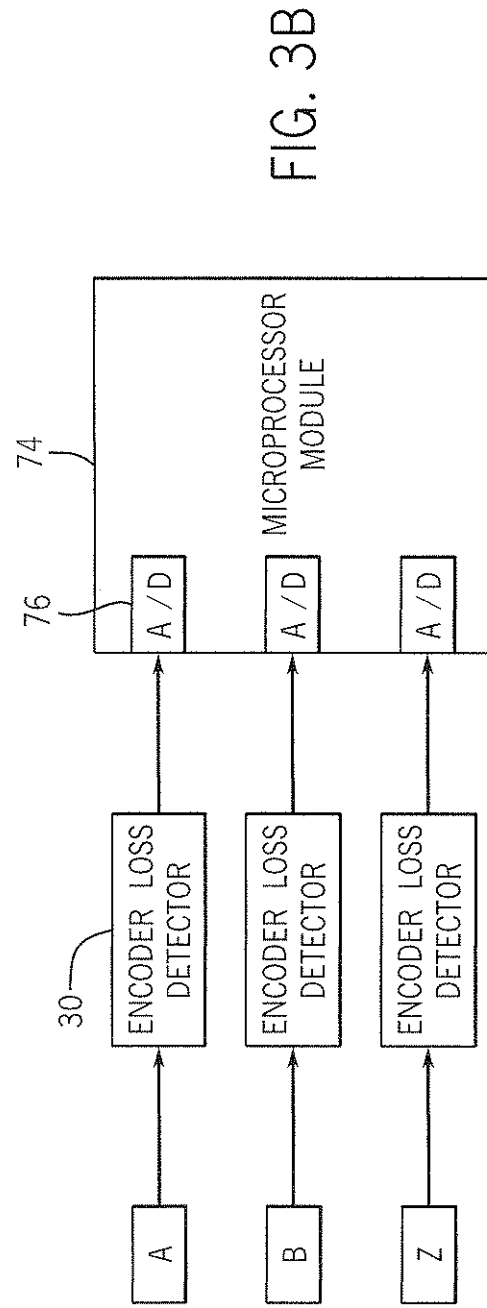
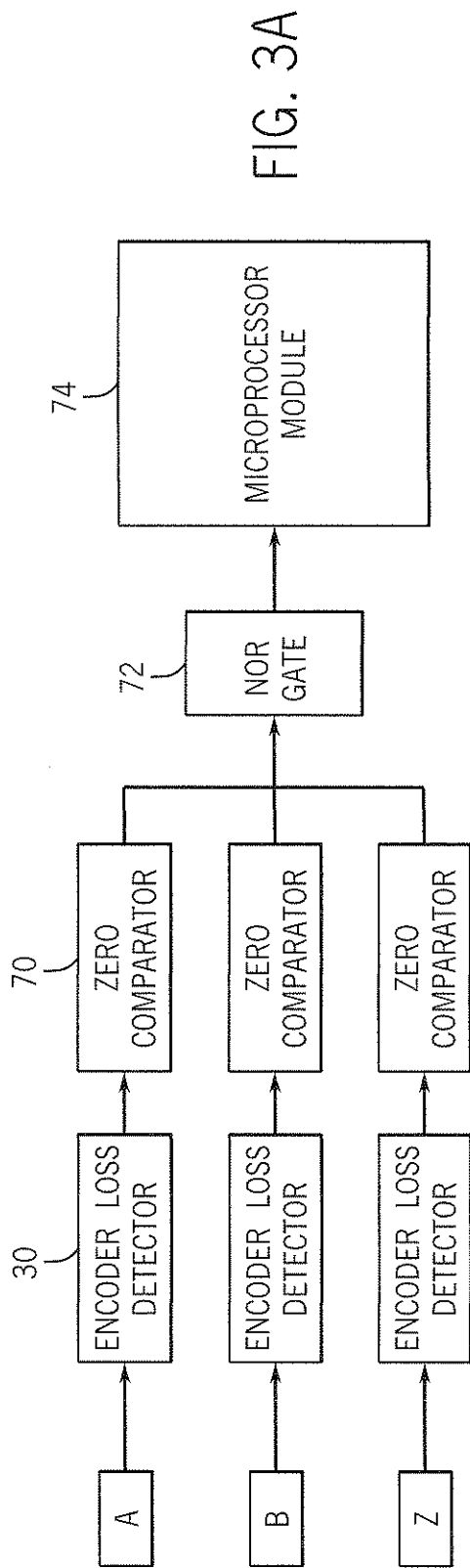


FIG. 2A

	32 BROKEN WIRE DETECTOR OUTPUT	34 ENCODER ISOLATOR	36 COMPENSATOR
58 NORMAL OPERATION	1	PULSE	DC VALUE + ATTENUATED RIPPLE
60 STALLING	1	1 OR 0	FIXED DC VALUE
62 BROKEN WIRE	0	0	0

FIG. 2B



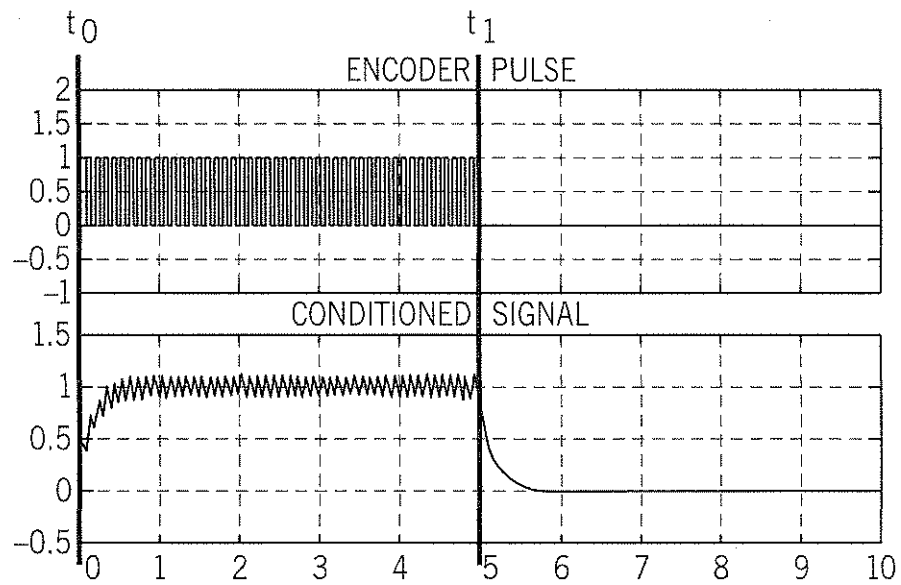
ENCODER PULSE FROM 10 H_Z TO BROKEN WIRE

FIG. 4A

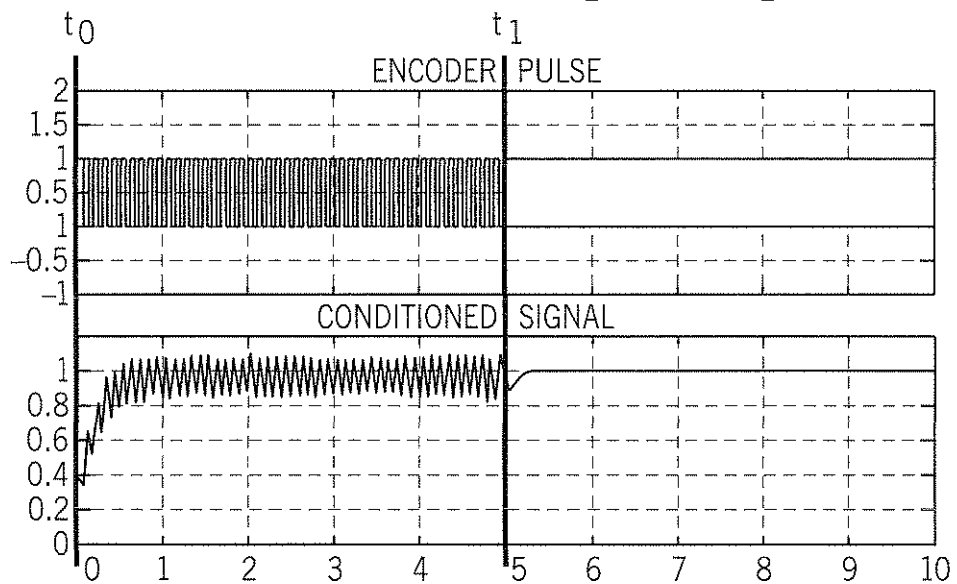
ENCODER PULSE FROM 10 H_Z TO 100 H_Z

FIG. 4B

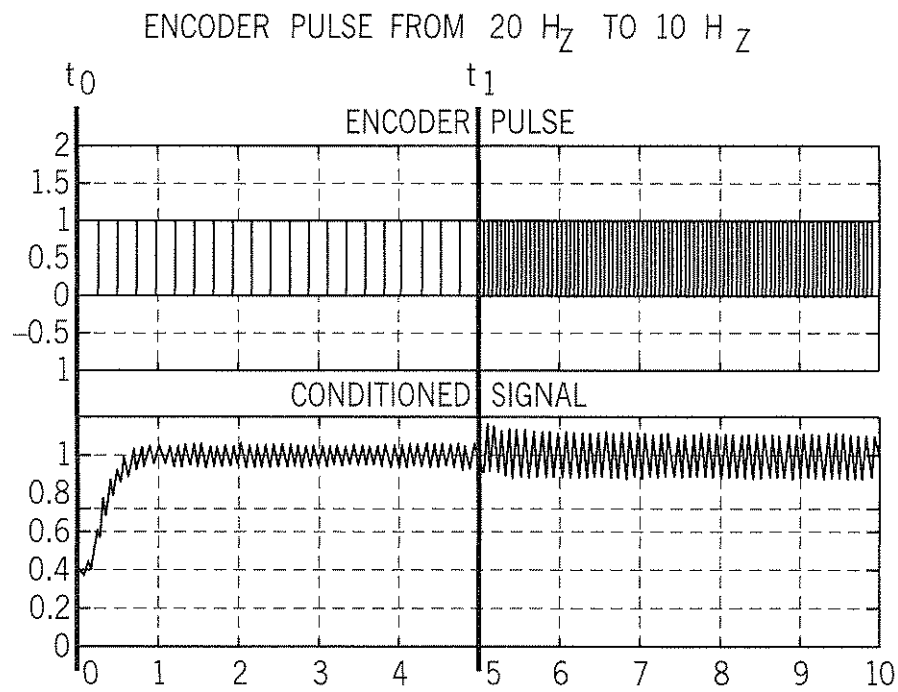


FIG. 4C

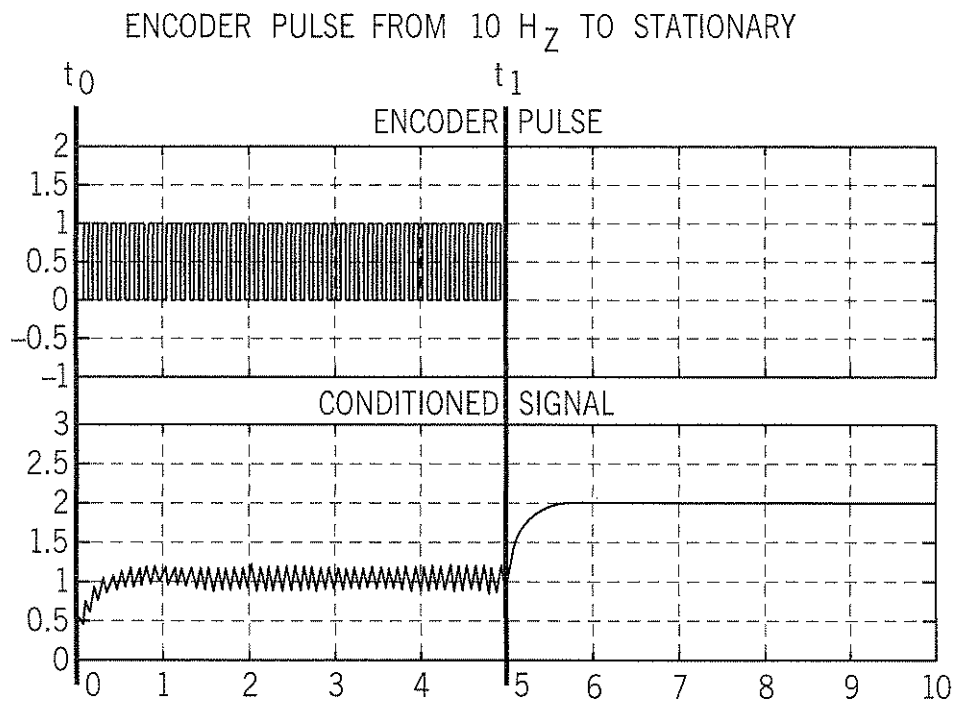


FIG. 4D

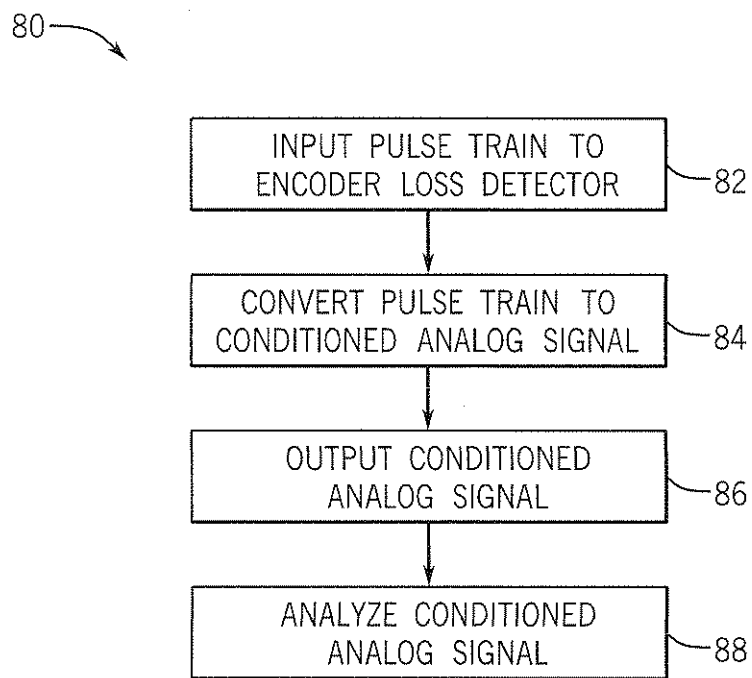


FIG. 5