

[54] CORNERING LAMP SYSTEM FOR VEHICLE

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FOREIGN PATENT DOCUMENTS

57-37037 3/1982 Japan .

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[30] Foreign Application Priority Data

[57] ABSTRACT

Sep. 30, 1985 [JP] Japan 60-216912
Sep. 30, 1985 [JP] Japan 60-216913
Feb. 6, 1986 [JP] Japan 61-22986
Apr. 15, 1986 [JP] Japan 61-85114

A cornering lamp system for a vehicle which changes direction of the headlamps in conjunction with the operation of the vehicle's steering mechanism. The headlamps are moved in discrete steps by use of a stepper motor.

[51] Int. Cl.⁴ B60Q 1/06

[52] U.S. Cl. 362/40; 362/346

[58] Field of Search 362/37, 40, 43, 304, 362/305, 346, 39, 45, 49, 54, 53; 307/10 LS; 318/671, 672, 673, 467

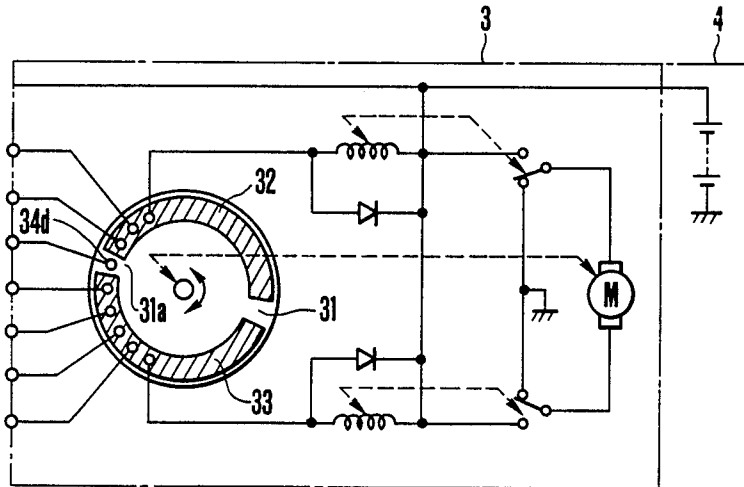
The headlamps move in the direction which the vehicle is turning, and the headlamp closest to the center of rotation moves prior to the headlamp further from the center of rotation. A delay circuit causes the headlamps to move a predetermined period of time after the direction of the steering wheel is changed.

[56] References Cited

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15 Claims, 24 Drawing Figures



MBUSA LLC
EXHIBIT 1008

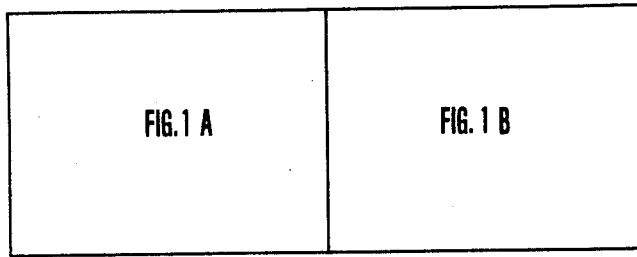


FIG. 1

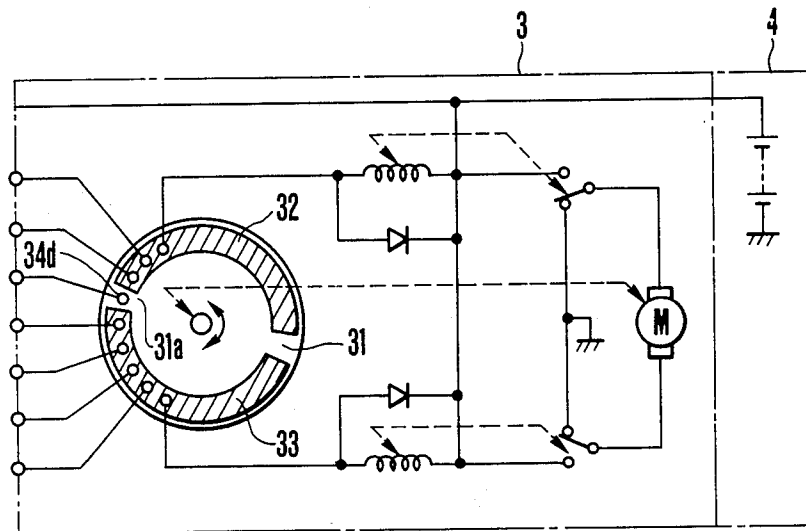


FIG. 3

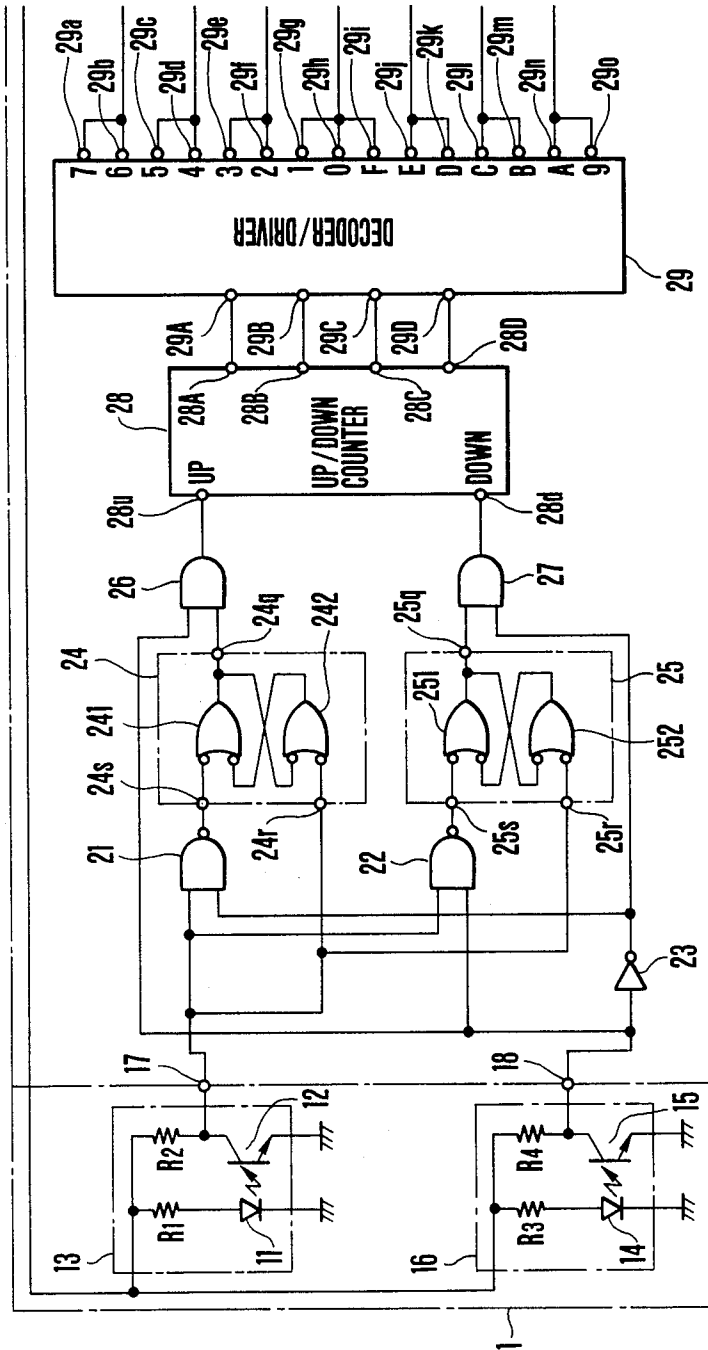


FIG. 1A

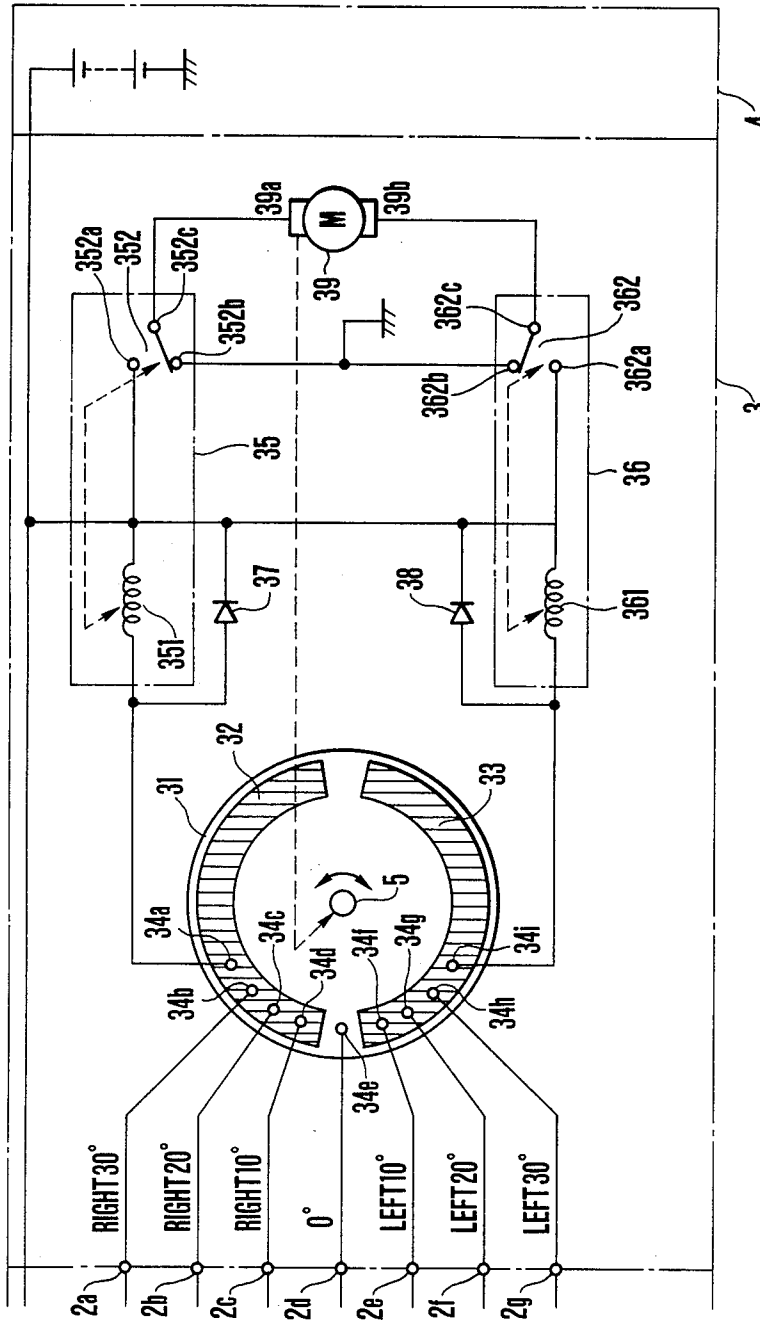


FIG. 1B

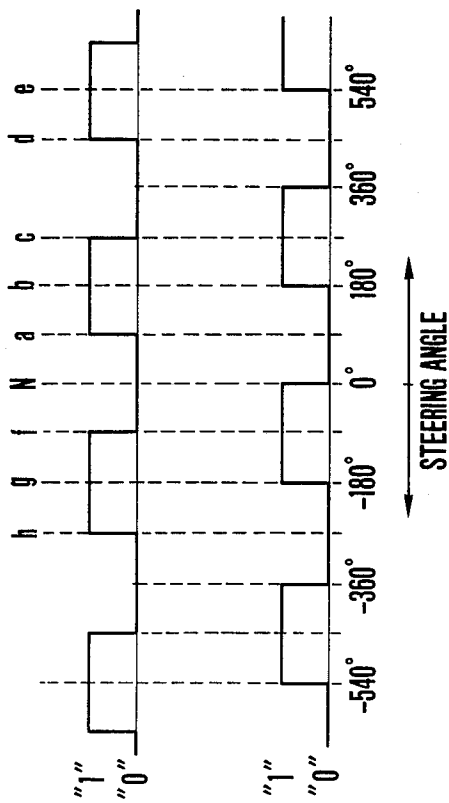


FIG. 2 (a)

(b)

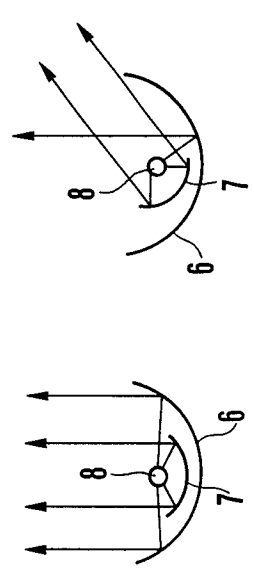


FIG. 4

FIG. 5

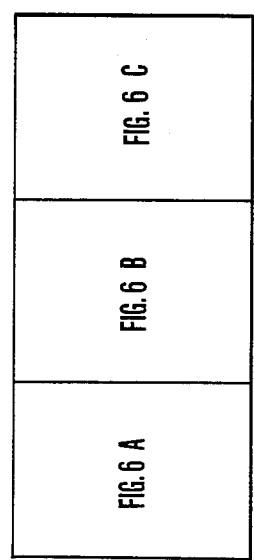


FIG. 6 A

FIG. 6 B

FIG. 6 C

FIG. 6

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