

[54] HEADLIGHT CONTROL APPARATUS FOR MOTORCYCLES

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[51] Int. Cl.⁴ B62J 6/00

[52] U.S. Cl. 362/72; 362/66; 315/82

[58] Field of Search 362/37, 71, 72, 66, 362/418, 428, 271, 272, 286; 315/79, 81, 82

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Primary Examiner—Stephen F. Husar
Attorney, Agent, or Firm—Lyon & Lyon

[57] ABSTRACT

Method and apparatus are described for controlling the roadway illuminating position of a motorcycle headlight during cornering of the motorcycle by determining a basic desired optical axis deflection angle for the headlight in response to the turning radius of the vehicle and, coincident therewith, correcting the deflection angle in accordance with the determined longitudinal position of the motorcycle along the roadway turning line.

10 Claims, 4 Drawing Sheets

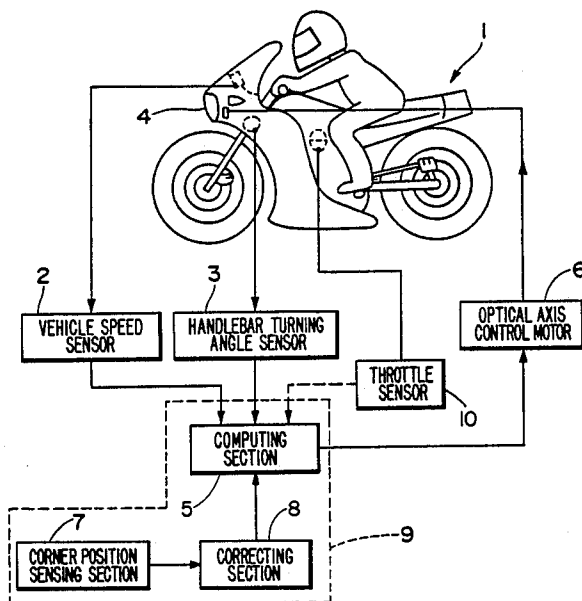


FIG. 1.

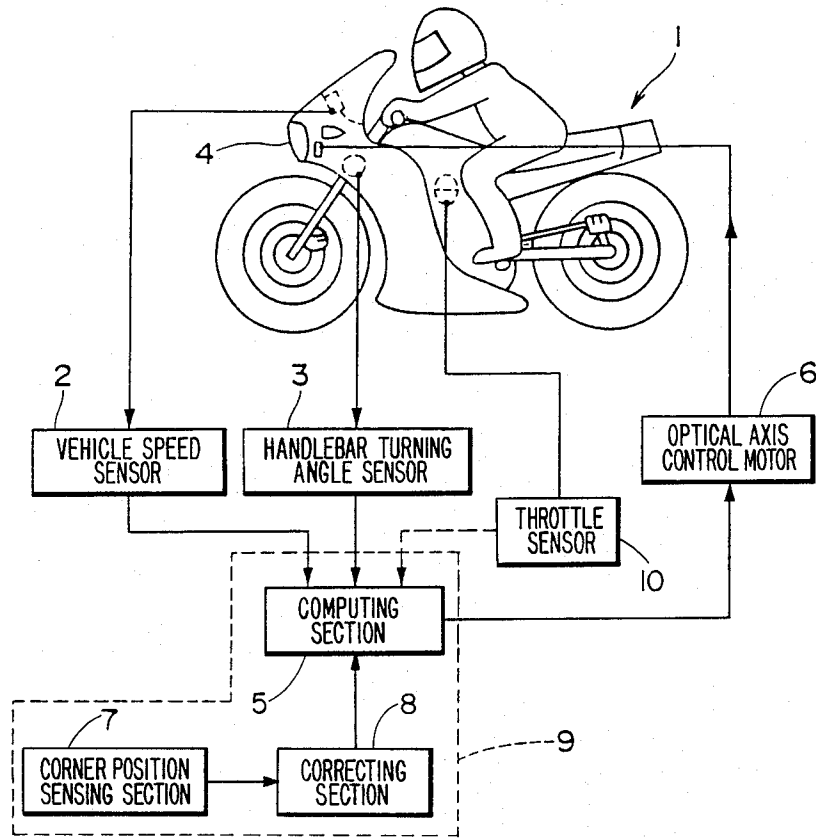


FIG. 2

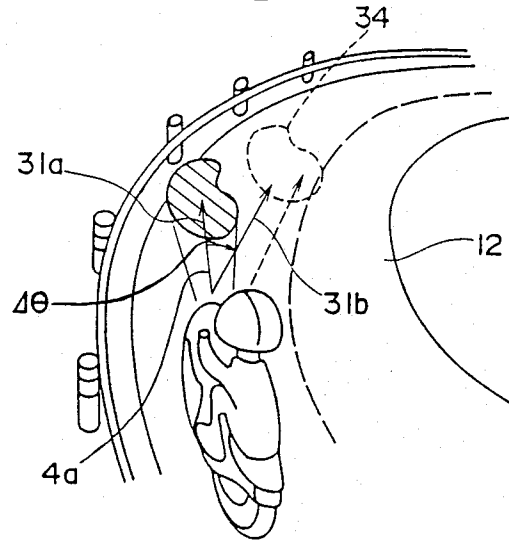
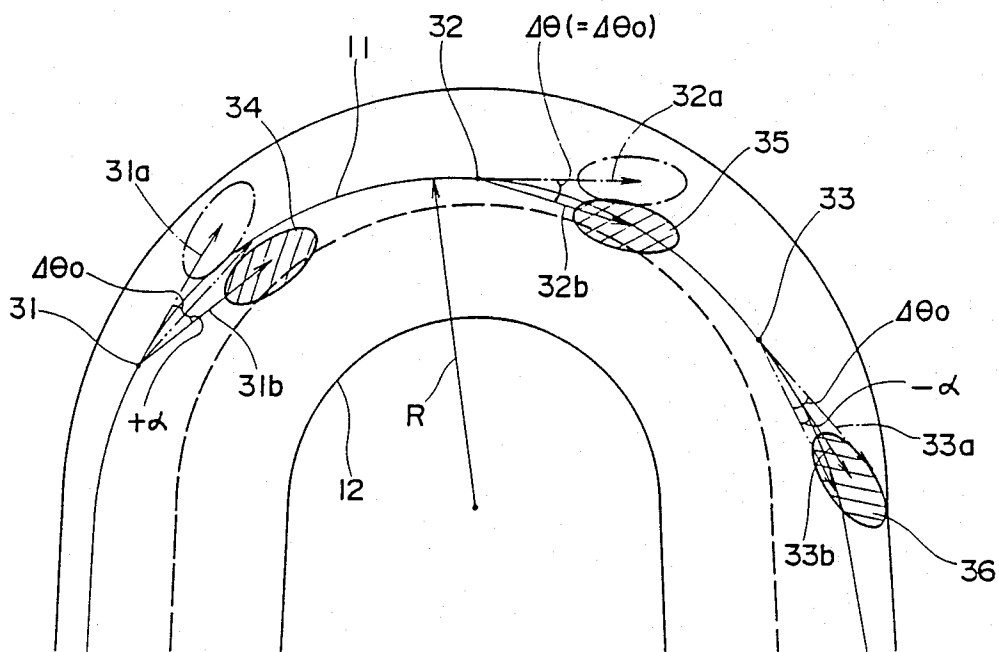


FIG. 3



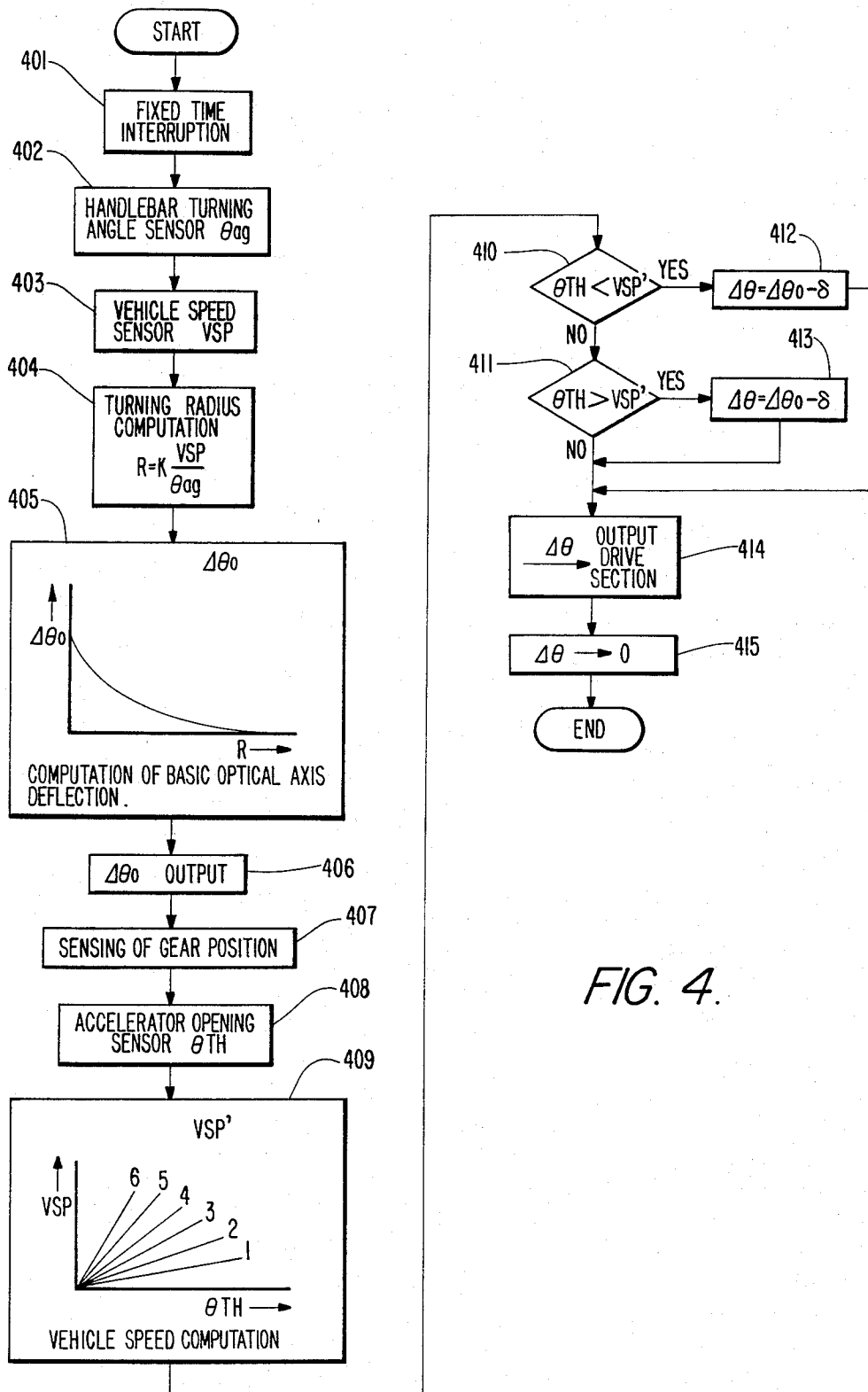


FIG. 4.

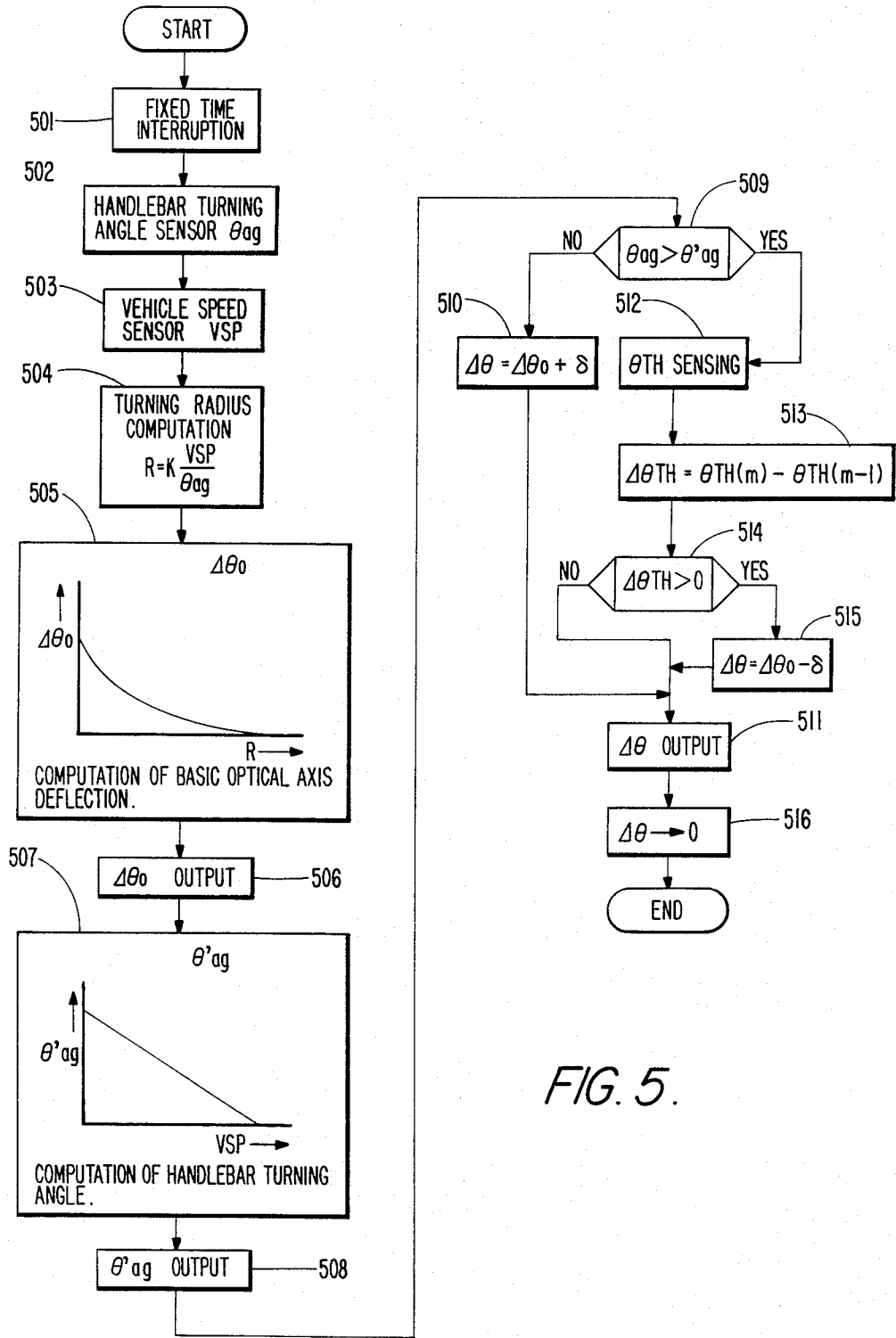


FIG. 5.

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