

[54] AUTOMATIC POSITION CONTROL FOR A VEHICLE SEAT

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[73] Assignee: International Telephone and Telegraph Corporation, New York, N.Y.

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[51] Int. Cl.<sup>3</sup> ..... G06F 15/20; B60N 1/02

[52] U.S. Cl. .... 364/424; 296/65 R; 318/466

[58] Field of Search ..... 364/424, 425; 296/65 R; 297/346; 318/466, 467; 248/394, 396; 200/1 R, 153 R, 153 A, 153 L, 153 P

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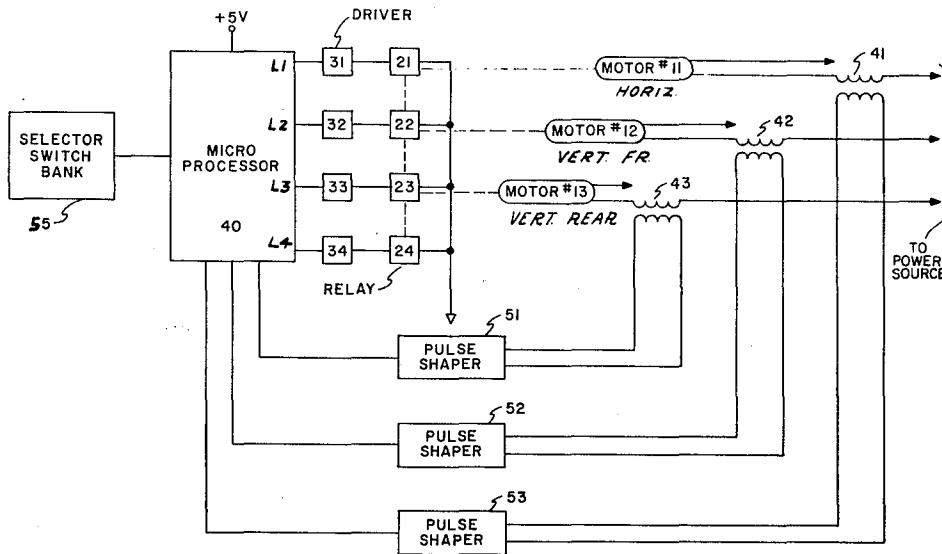
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[57] ABSTRACT

A seat position control device for a powered or automatic seat adjusting mechanism for motor vehicles. The motor drives for the various adjustments uses a motor with a predetermined number of poles. Thus, for each revolution of a motor, a predetermined number of pulses is generated. By counting these pulses relative to a reference, the position of the seat can be determined. Within memory, a desired location setting may be registered to return the seat to that setting when desired. A commercially available microprocessor or suitable electronic components may be used as the logic and memory medium.

3 Claims, 20 Drawing Figures



WEBASTO EX. 1030  
WEBASTO ROOF SYSTEMS, INC. v. UUSI, LLC

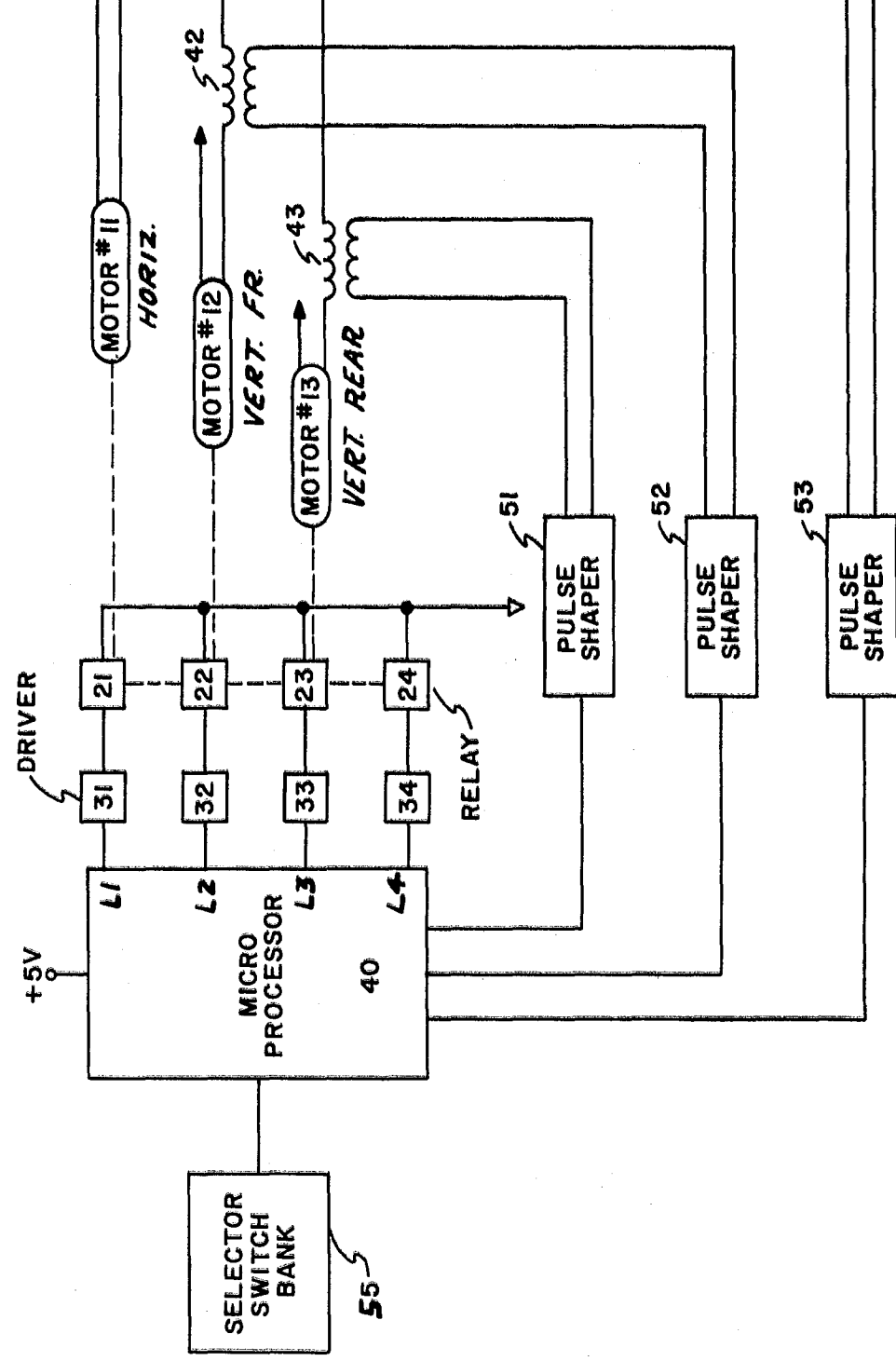


FIG. 1

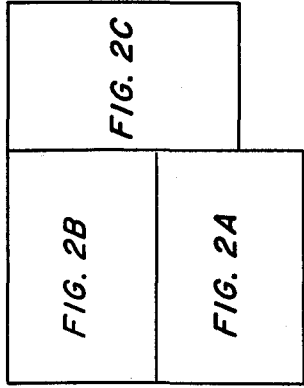


FIG. 2

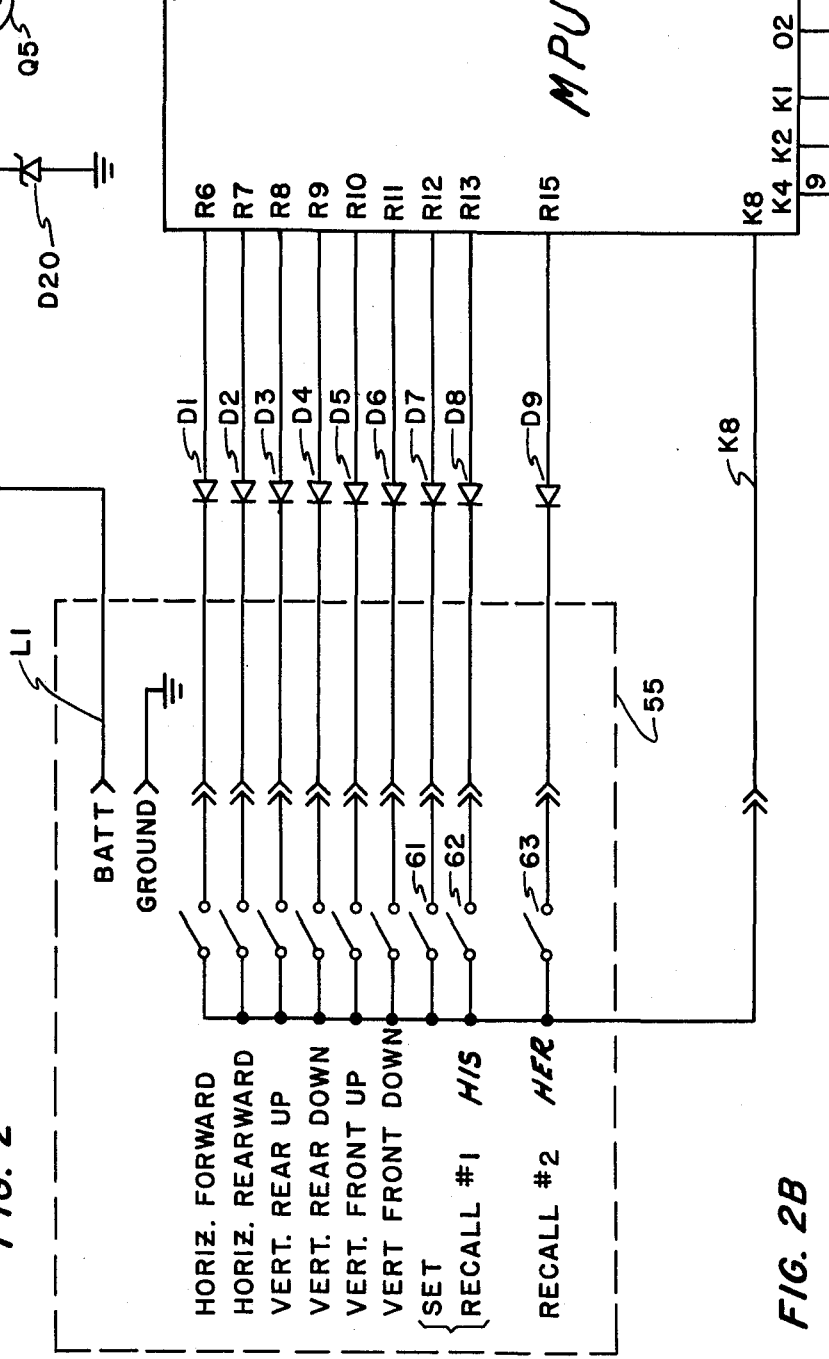


FIG. 2B

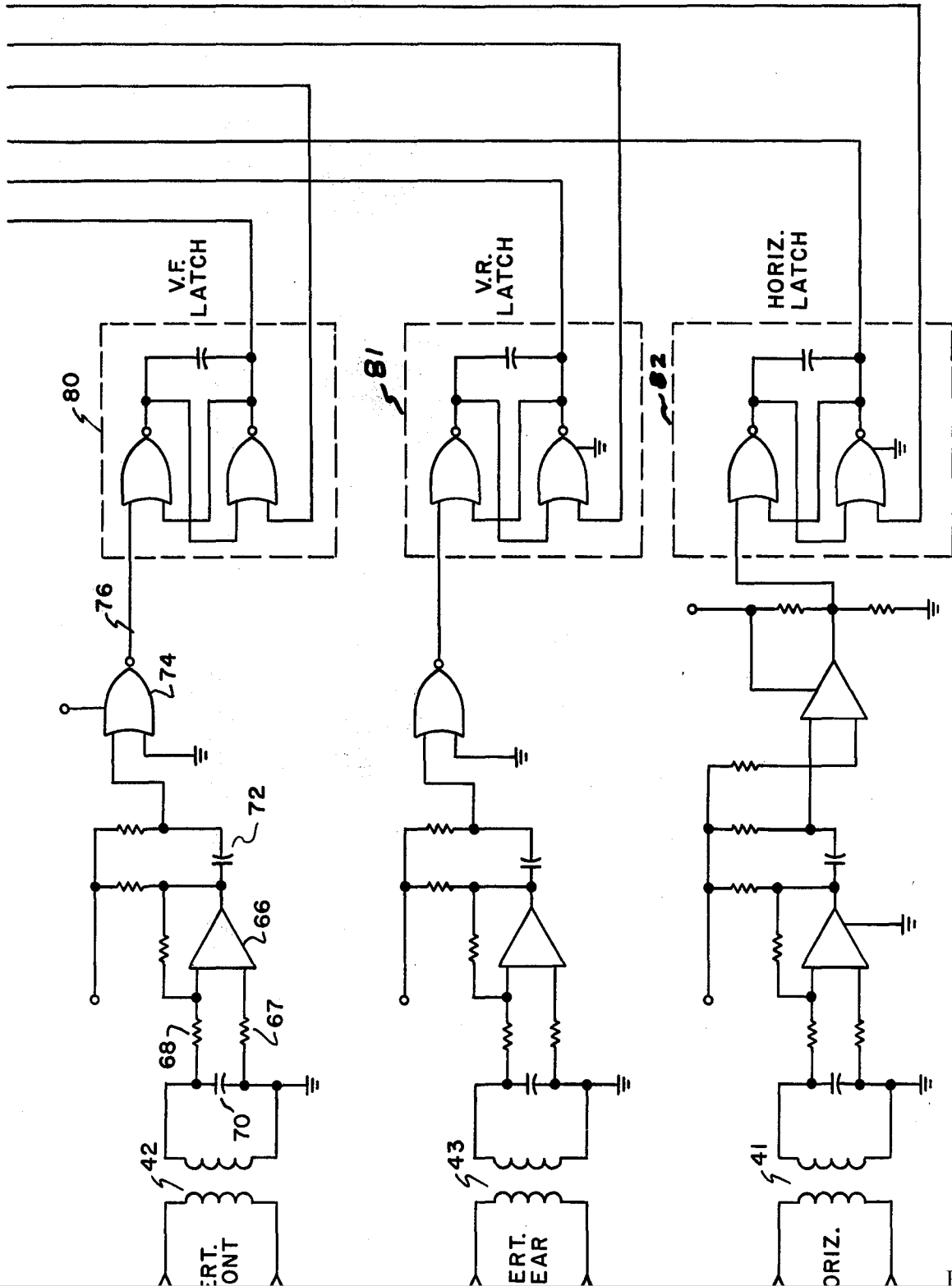
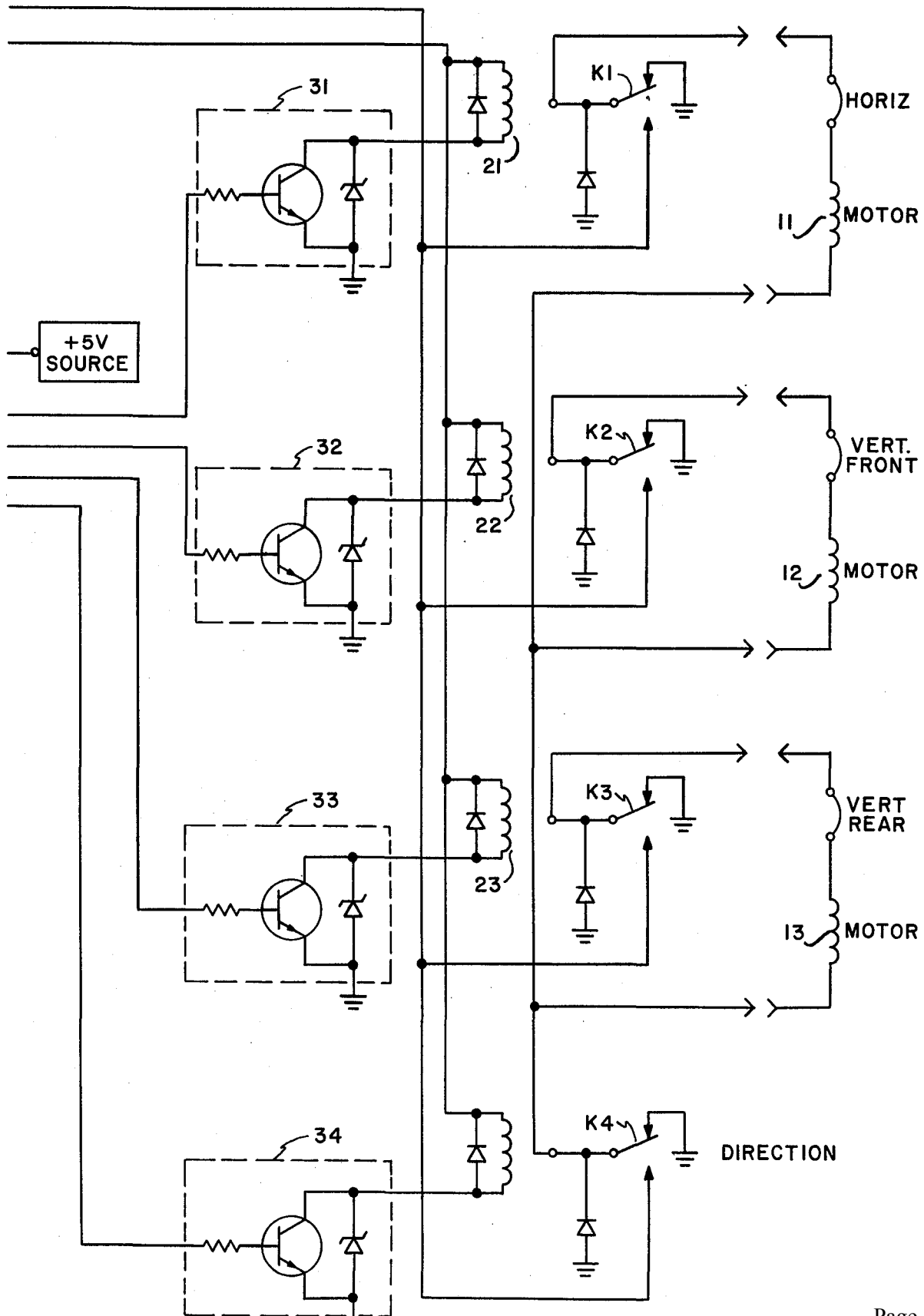


FIG. 2A



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