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(54) **METHOD AND APPARATUS FOR PROVIDING SUPPLEMENTAL POWER TO AN ENGINE**

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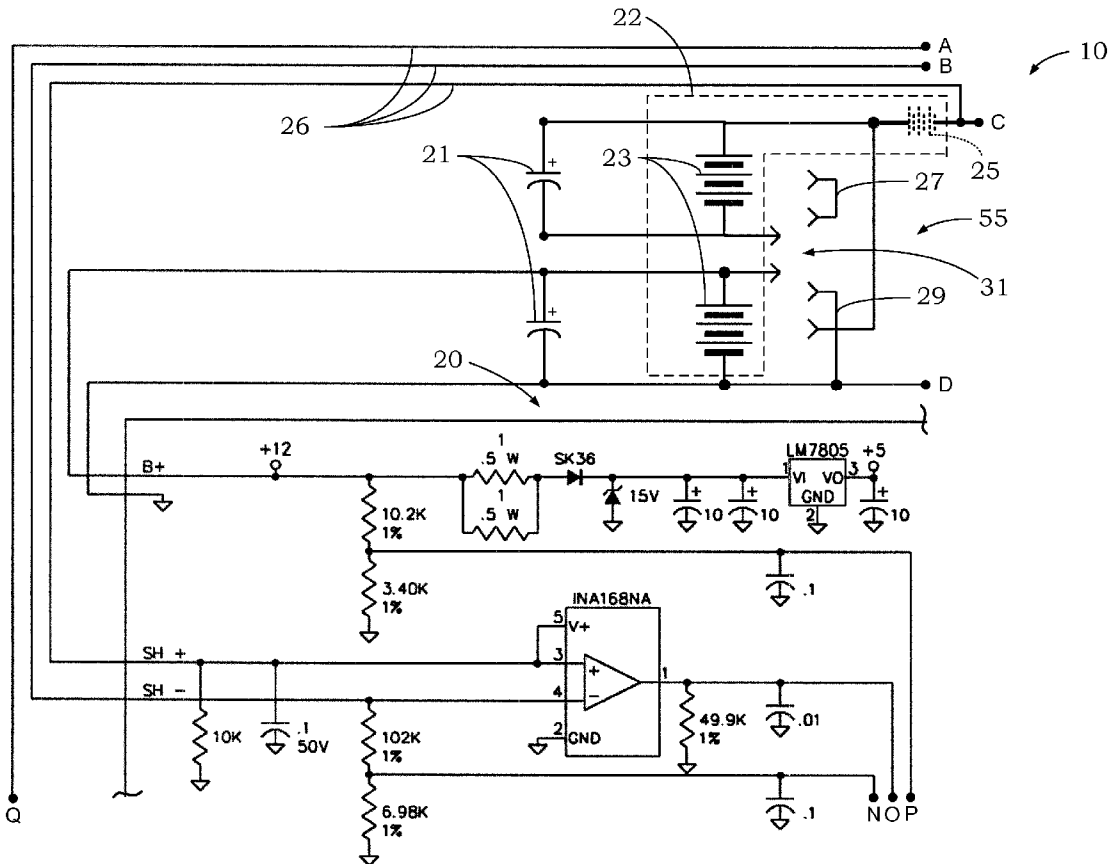
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(57) **ABSTRACT**

A method and apparatus provides supplemental power to an engine. The method and apparatus includes a pair of conductive leads for connecting the supplemental power to an engine electrical system, one or more batteries connected in parallel with one or more capacitors, a relay connected to the conductive leads, a shunt cable connecting the batteries and capacitors to the relay and a processor for controlling the relay to selectively apply electrical power to the engine electrical system. The method and apparatus includes safety features to reduce the risk of injury to the operator and damage to the apparatus and/or engine electrical system.



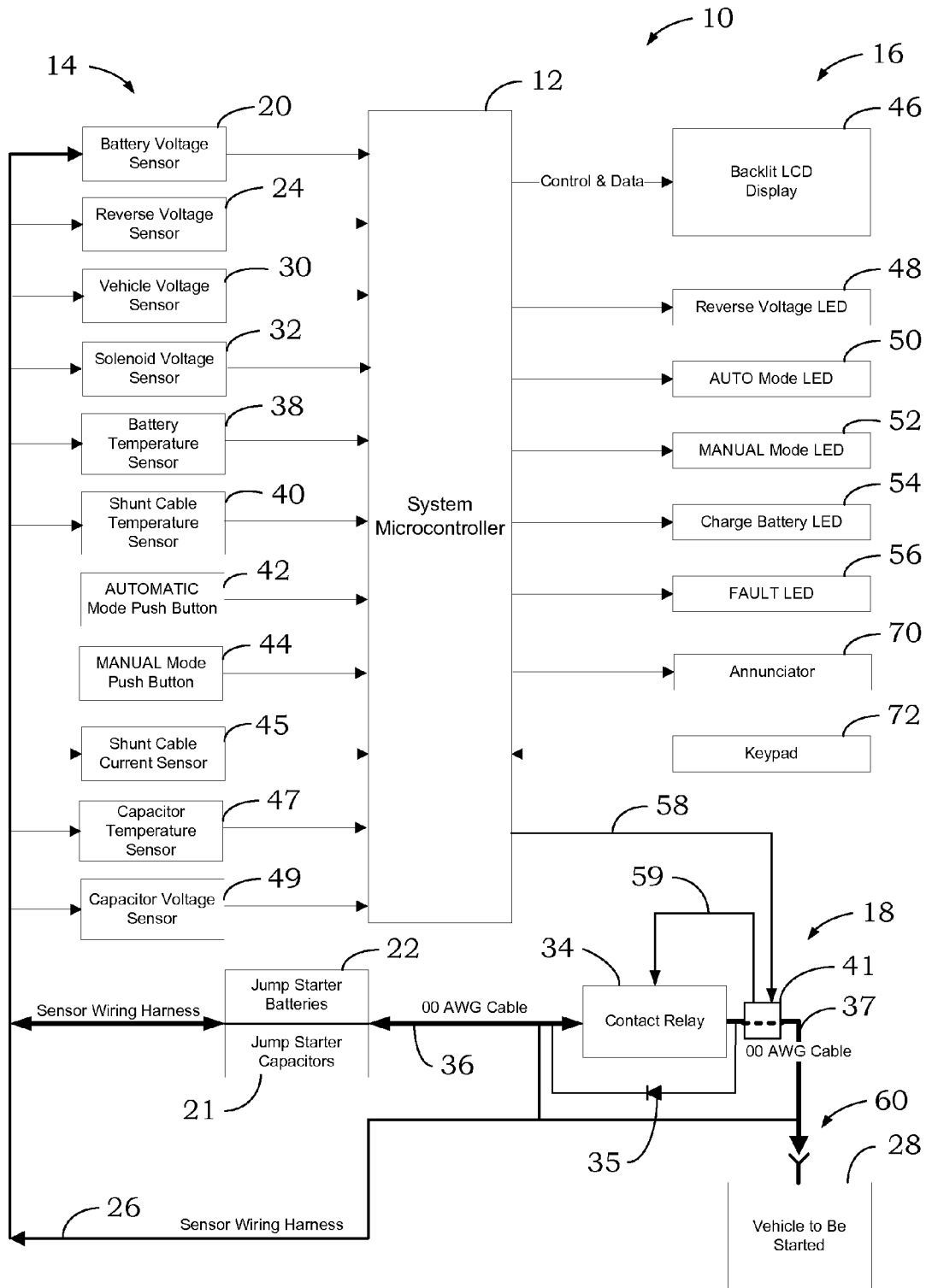


Fig. 1

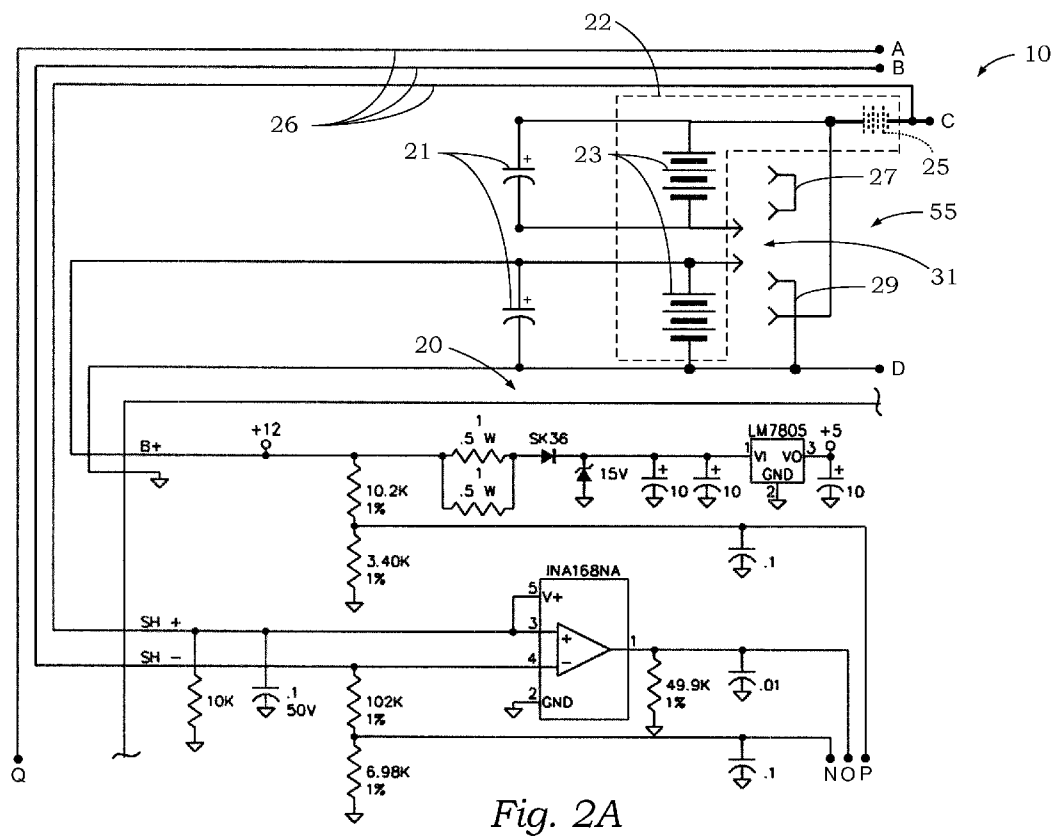


Fig. 2A

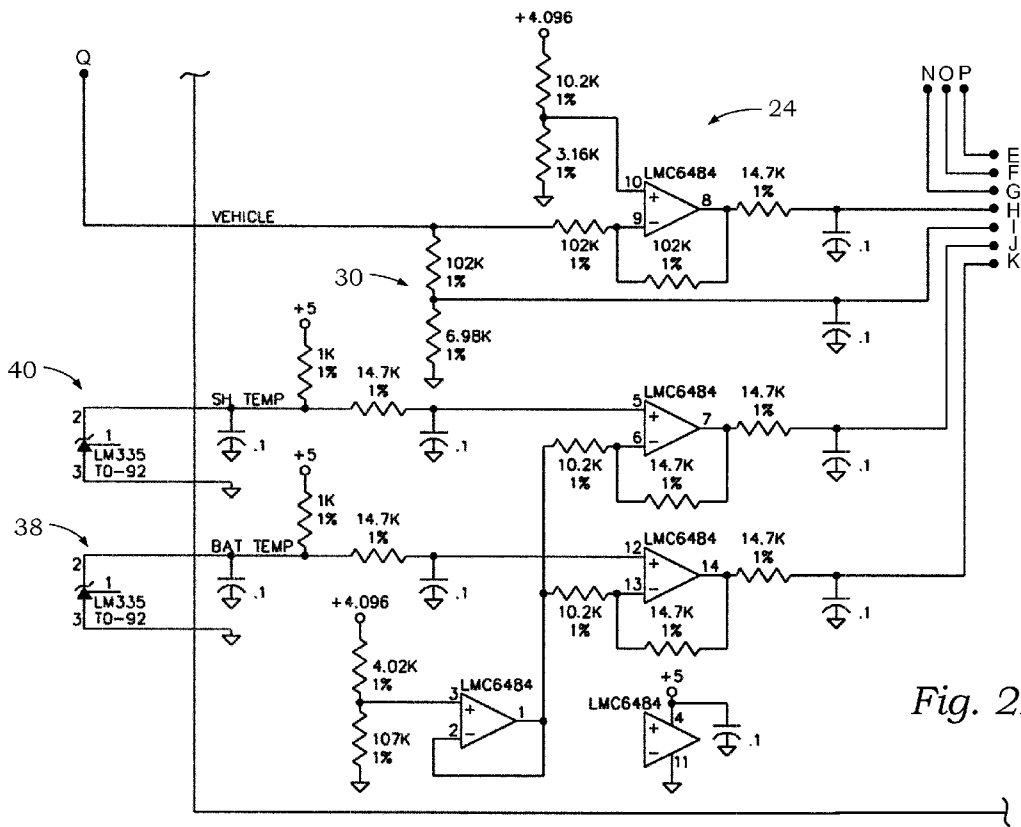


Fig. 2B

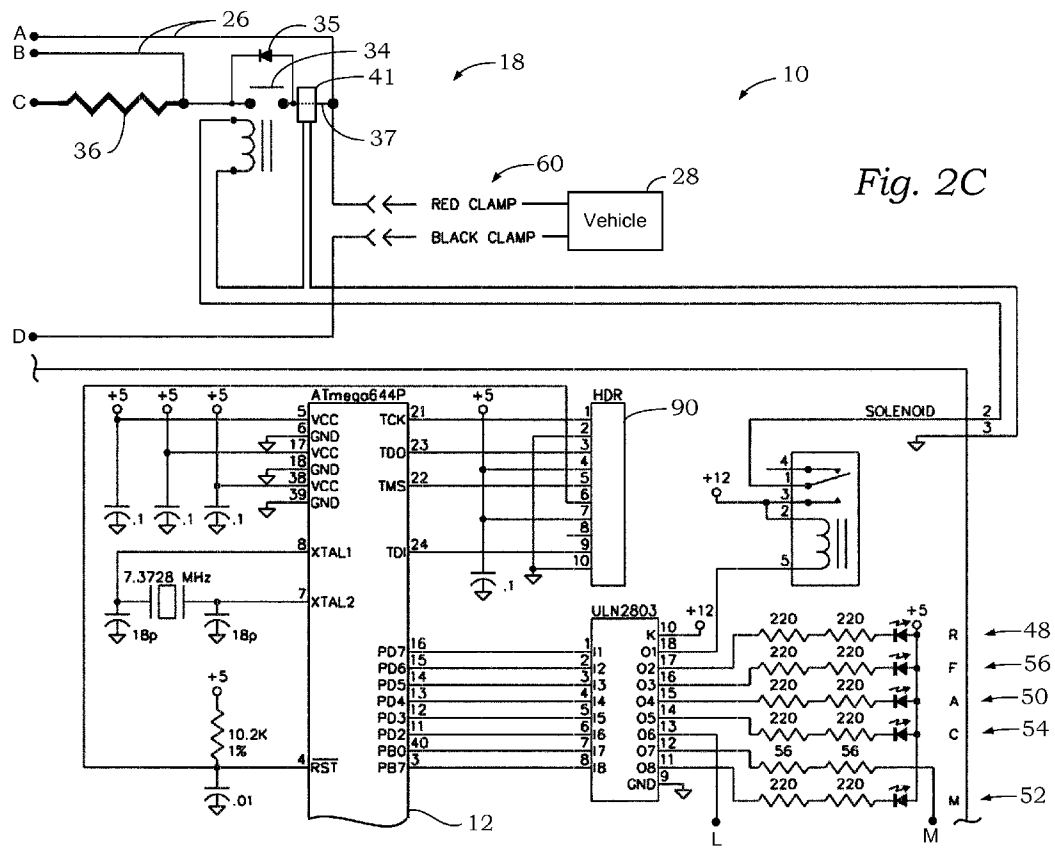


Fig. 2C

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