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- (71) **Applicant:** XTREME POWER INC. [US/US]; 1120 Go-
forth Road, Kyle, Texas 78640 (US).
- (72) **Inventors:** SCHROCK, Eric; 214 Maple Drive, Mountain
City, Texas 78610 (US). JENNINGS, Richard W.; 4705
Peace Pipe Path, Austin, Texas 78746 (US).
- (74) **Agents:** SPROW, Marcus W. et al.; Foley & Lardner
LLP, One Detroit Center, 500 Woodward Avenue, Suite
2700, Detroit, Michigan 48226-3489 (US).
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Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a
patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of the
earlier application (Rule 4.17(iii))

[Continued on next page]

- (54) **Title:** RESPONDING TO LOCAL GRID EVENTS AND DISTRIBUTED GRID EVENTS

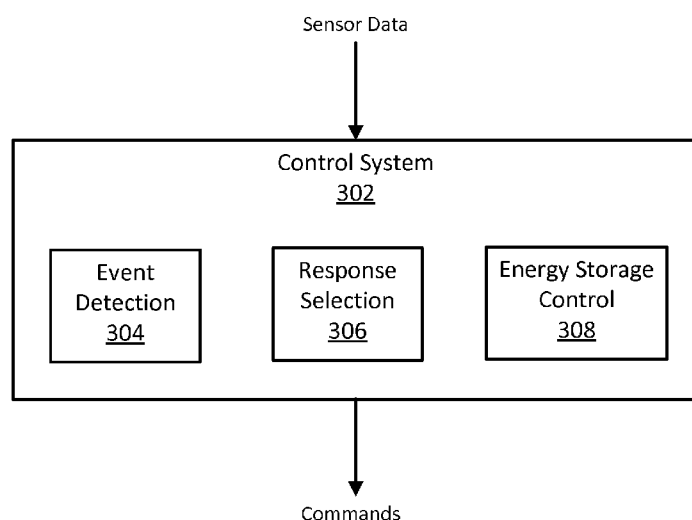


FIG. 3

(57) **Abstract:** A control system for an energy storage device is coupled to sensors on an electrical grid. The control system is configured to receive a measurement from each of the sensors. The control system determines, based on the received measurements, whether a grid event is a local event or a distributed event. The control system selects a response mode for controlling the energy storage device based on whether the grid event is determined to be a local event or a distributed event.



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