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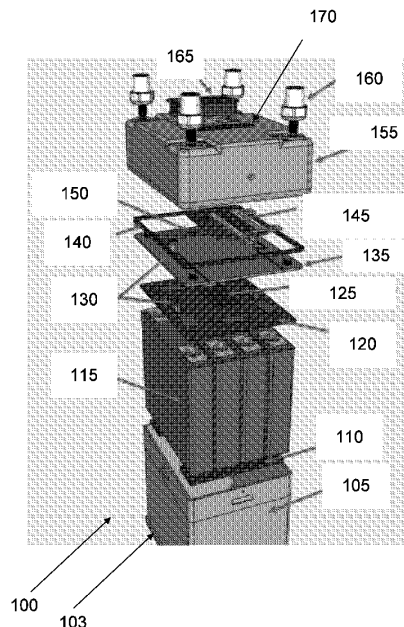


FIG 1

(57) Abstract: The present invention provides a lithium battery with a built-in battery management system that allows the lithium battery to be a safe and durable power source. The lithium battery is advantageously able to last an extended duration without any maintenance, and can be deployed in multiple configurations to provide varying power supply requirements. The lithium battery can also be deployed in different applications due to its robustness.

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