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### (54) DATA ACQUISITION METHODS AND APPARATUS FOR A NETWORK CONNECTED LED DRIVER

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#### (57)ABSTRACT

A lighting system including monitoring of input power and output power parameters to a set of lighting loads to detect power faults and/or anomalies. The set of sensing circuits include primary side and secondary side sensing circuits that communicate with a set of monitoring circuits to process the information supplied by the sensing circuits. If a fault and/or anomaly is sensed or detected, a signal is transmitted to provide an alert.

